# The University of Texas at Austin 

 WHAT STARTS HERE CHANGES THE WORLD$$
\begin{aligned}
& \text { The University of } \\
& \text { Texas } \\
& \text { at Austin }
\end{aligned}
$$

## Graduate Catalog

## 2022-2023

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## Introduction

The benefits of education and of useful knowledge, generally diffused through a community, are essential to the preservation of a free government. Sam Houston

Cultivated mind is the guardian genius of Democracy, and while guided and controlled by virtue, the noblest attribute of man. It is the only dictator that freemen acknowledge, and the only security which freemen desire. Mirabeau B. Lamar

Where liberty has arisen, learning must be cherished-or liberty itself becomes a fragile thing.
Lyndon B. Johnson

## Mission of the University

The mission of The University of Texas at Austin is to achieve excellence in the interrelated areas of undergraduate education, graduate education, research, and public service.

The University provides superior and comprehensive educational opportunities at the baccalaureate through doctoral and special professional educational levels. It contributes to the advancement of society through research, creative activity, scholarly inquiry, and the development and dissemination of new knowledge, including the commercialization of University discoveries. The University preserves and promotes the arts, benefits the state's economy, serves the citizens through public programs, and provides other public service.

The Graduate School at The University of Texas at Austin is an active community of diverse scholars in over 100 academic programs dedicated to excellence in original research, teaching, creative expression, and intellectual leadership. Using our extensive resources and talents, we cultivate individuals who work together to bring knowledge, innovation, and best practices to meet the great and small challenges of our time.

## Officers of Administration

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Richard J. Reddick, EdD, Senior Vice Provost for Curriculum and Enrollment of the the School of Undergraduate Studies

## The University of Texas System

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Archie L. Holmes Jr., PhD, Executive Vice Chancellor for Academic Affairs Jonathan Pruitt, MPA, Executive Vice Chancellor for Business Affairs John M. Zerwas, MD, Executive Vice Chancellor for Health Affairs Daniel H. Sharphorn, JD, Vice Chancellor and General Counsel Stacey Napier, JD, Vice Chancellor for Governmental Relations Randa S. Safady, PhD, Vice Chancellor for External Relations, Communications, and Advancement Services
Amy Shaw Thomas, JD, Senior Vice Chancellor for Health Affairs
David L. Lakey, MD, Vice Chancellor for Health Affairs and Chief Medical Officer

## Board of Regents

## Officers

Kevin P. Eltife, Chairman
Janiece M. Longoria, Vice Chairman
James C. "Rad" Weaver, Vice Chairman
Francie A. Frederick, General Counsel to the Board of Regents

## Members

Terms scheduled to expire February 1, 2023
R. Steven Hicks, Austin

Janiece M. Longoria, Houston
James C. "Rad" Weaver, San Antonio

## Terms scheduled to expire February 1, 2025

Christina M. Crain, Dallas
Jodie Lee Jiles, Houston
Kelcy L. Warren, Dallas

## Terms scheduled to expire February 1, 2027

Kevin P. Eltife, Tyler
Nolan E. Perez, M.D., Harlingen
Stuart W. Stedman, Houston
Student Regent with term to expire May 31, 2023
Neelesh C. "Neel" Mutyala, The University of Texas Health Science Center at Houston

Each Regent's term expires when a successor has been appointed and qualified and has taken the oath of office. The Student Regent serves a one-year term.

## Directory of Offices

The following list includes some University offices of general interest. A complete directory of offices on campus is published at https:// www.utexas.edu/offices.

## Academic Calendar

The academic calendar is published The University of Texas at Austin, in General Information and at Office of the Registrar, PO Box 7216, http://registrar.utexas.edu/ calendars
Admission

Graduate and International Admissions Center, UT
Administration Building 4.202 (1616 Guadalupe Street), (512) 475-7391, fax (512) 475-7395 https://gradschool.utexas.edu/ admissions

## Catalogs and Course Schedules

Catalogs and Course Schedules are published at the registrar's website,
http://registrar.utexas.edu

## Fellowships, Teaching

Assistantships, and Research

## Assistantships

Information and application forms for University fellowships, teaching assistantships, and research assistantships are available from the graduate advisor in each graduate program. General information on University fellowships, and additional information on fellowships funded by sources external to the University, is available from the fellowship director in the Graduate School, Main Building 101, (512) 232-3603.

## Financial Assistance

All student questions and forms for the Office of Scholarships and Financial Aid should be sent to Texas One Stop https:// onestop.utexas.edu/\#help
Housing
Residence halls: (512) 471-3136, fax (512) 475-6532, e-mail housing@austin.utexas.edu;

The University of Texas at Austin, University Housing and Dining, PO Box 7666, Austin TX 78713-7666 University apartments:
(512) 232-5299, fax
(512) 232-5353, e-mail
uhd.apartments@austin.utexas.edu;
http://housing.utexas.edu
International Students
Texas Global, 2400 Nueces Street The University of Texas at Austin, Suite B, (512) 471-1211, fax (512) Texas Global, PO Box A, Austin TX 232-4363; https://global.utexas.edu 78713-8901, USA

## Medical Services

University Health Services, Student The University of Texas at Austin, Services Building, 100 West Dean University Health Services, PO Box Keeton Street, (512) 471-4955; 24/7 7339, Austin TX 78713-7339
Nurse Advice Line (512) 475-6877;
http://healthyhorns.utexas.edu

## Registration Information

Registration, (512) 475-7656, The University of Texas at Austin, fax (512) 475-7515, e-mail registration@austin.utexas.edu; Office of the Registrar, Registration, PO Box 7216, Austin TX 78713-7216 https://onestop.utexas.edu/ registration-and-degree-planning/ registering-for-classes/

## Disability and Access

Disability and Access, Student The University of Texas at Austin, Services Building 4.206, (512)
471-6259, video phone (512) Disability and Access, 100 West
Dean Keeton Street, Student
410-6644, fax (512) 475-7730, e- Services Building 4.206, Austin TX
mail ssd@austin.utexas.edu; http:// 78712-1100
diversity.utexas.edu/disability/

## Texas One Stop

Texas One Stop, The University of Texas at Austin, 512-232-6988 (myUT), e-mail Texas One Stop, 110 Inner Campus onestop@utexas.edu, https:// Dr Rm 1 Austin, TX 78712
onestop.utexas.edu/

## Transcripts

Office of the Registrar, The University of Texas at Austin,
(512) 475-7689, fax
(512) 475-7515, e-mail
transcripts@austin.utexas.edu; Office of the Registrar, Transcript Services, PO Box 7216, Austin TX 78713-7216
https://onestop.utexas.edu/
student-records/transcripts-other-
records/
Adding and Dropping Courses,
Questions About Degree Programs, Information, and Forms
Graduate School, Main Building 101, (512) 471-4511.

The University of Texas at Austin, VP \& Dean of Graduate Studies, 110 Inner Campus Drive, Stop G0400, Austin, TX 78712-1710

## Graduate Study

The University of Texas at Austin, established in 1883, is a major research institution. It is the largest member of The University of Texas System. The University has grown from one building, two departments, eight faculty members, and 221 students on a 40 -acre tract to a campus of more than 350 acres, with more than 110 buildings. The enrollment is about 50,000.

The faculty includes Pulitzer Prize and Nobel Prize winners and members of the National Academy of Sciences, the National Academy of Engineering, and the American Academy of Arts and Sciences. The University awards one of the largest number of doctoral degrees in the United States and is one of three southwestern members of the Association of American Universities.

The Graduate School was established in 1910 as the Graduate Department, but the first master's degree was awarded in 1886. The first doctoral degree was awarded in 1915. More than 11,000 graduate students are now enrolled, and more than 800 doctoral degrees and 2,800 master's degrees are awarded each year.

The administration of the Graduate School (which does not include the School of Law) is the responsibility of the vice provost and dean of graduate studies. Graduate degrees are available in about a 100 fields. Each academic area that offers a graduate degree has a Graduate Studies Committee, a group consisting of all the assistant, associate, and full professors who are active in that graduate degree program. The Graduate Studies Committee recommends students for admission to the program, sets program-specific requirements for the graduate degrees in that area, and recommends students for admission to candidacy for degrees. Graduate education is the responsibility of the members of Graduate Studies Committees. One member serves as the graduate advisor to register and advise all graduate students, to maintain records, and to represent the Graduate School in matters pertaining to graduate work in that area.

## Accreditation

The University of Texas at Austin is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, masters, and doctorate degrees. Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of The University of Texas at Austin.

## The Nature and Purpose of Graduate Work

Graduate work at the University is divided into disciplines. These are normally associated with departments; they may, however, be broader in scope, involving courses and research in several departments. The candidate for an advanced degree presents work done in a chosen major area but is usually also expected to have done supporting work on an advanced level (upper-division or graduate) in one or more relevant areas. There are three components of graduate study: coursework, independent study, and independent scholarly research leading to a report, thesis, recital, dissertation, or treatise. In some areas, internships, field studies, and other professional experiences may also be an integral part of the program. The proportion of each type of study varies according to the previous training of the student and the nature of the major area.

The objective of graduate study is to develop the intellectual breadth and to provide the specialized training necessary to a career in teaching, research, the arts, or the professions. Emphasis is placed on the knowledge, methods, and skills needed for scholarly teaching,
original research and problem solving, intellectual leadership, creative expression, and other modes of achievement in the student's discipline.

## Statement on Equal Educational Opportunity

The University of Texas at Austin is committed to an educational and working environment that provides equal opportunity to all members of the University community. In accordance with federal and state law, the University prohibits unlawful discrimination, including harassment, on the basis of race; color; religion; national origin; gender, including sexual harassment; age; disability; citizenship; and veteran status. Discrimination on the basis of sexual orientation, gender identity, and gender expression is also prohibited pursuant to University policy. Any member of the University community who feels they have been subject to discrimination, harassment, or retaliation should contact the Office for Inclusion and Equity in person at SSB 3.212, Austin TX 78712; via e-mail at equity@utexas.edu; or by phone at (512) 471-1849.

## Graduate Degrees

The Graduate School offers the following degrees.

| Degree Title | Degree Abbreviation |
| :---: | :---: |
| Master of Advanced Architectural Design | MAAD |
| Master of Arts | MA |
| Master of Architecture | MArch |
| Master of Business Administration | MBA |
| Master of Education | MEd |
| Master of Fine Arts | MFA |
| Master of Global Policy Studies | MGPS |
| Master of Interior Design | MID |
| Master of Landscape Architecture | MLA |
| Master of Music | MMusic |
| Master in Professional Accounting | MPA |
| Master of Public Affairs | MPAff |
| Master of Science in Accounting | MSAcc |
| Master of Science in Business Analytics | MSBA |
| Master of Science in Community and Regional Planning | MSCRP |
| Master of Science in Computational Science, Engineering, and Mathematics | MSCSEM |
| Master of Science in Computer Science | MSCompSci |
| Master of Science in Data Science | MSDS |
| Master of Science in Economics | MSEco |
| Master of Science in Energy and Earth Resources | MSEER |
| Master of Science in Energy Management | MSEMA |
| Master of Science in Engineering | MSE |
| Master of Science in Finance | MSF |
| Master of Science in Geological Sciences | MSGeoSci |
| Master of Science in Health Behavior and Health Education | MSHbhed |
| Master of Science in Health Care Transformation | MSHCT |
| Master of Science in Historic Preservation | MSHP |
| Master of Science in Information, Risk, and Operations Management | MSIROM |
| Master of Science in Information Security and Privacy | MSISP |
| Master of Science in Information Studies | MSIS |


| Master of Science in Information Technology | MSITM |
| :--- | :--- |
| Management | MSKin |
| Master of Science in Kinesiology | MSMan |
| Master of Science in Management | MSMarineSci |
| Master of Science in Marine Science | MSM |
| Master of Science in Marketing | MSNeurosci |
| Master of Science in Neuroscience | MSN |
| Master of Science in Nursing | MSNS |
| Master of Science in Nutritional Sciences | MSPS |
| Master of Science in Pharmaceutical Sciences | MSSW |
| Master of Science in Social Work | MSSLHS |
| Master of Science in Speech, Language, and |  |
| Hearing Sciences | MSStat |
| Master of Science in Statistics | MSSD |
| Master of Science in Sustainable Design | MSTC |
| Master of Science in Technology | MSUD |
| Commercialization | AuD |
| Master of Science in Urban Design | EdD |
| Doctor of Audiology | DMA |
| Doctor of Education | DNP |
| Doctor of Musical Arts | PhD |
| Doctor of Nursing Practice |  |

## Degree Programs

Graduate degrees are offered in the following areas. A complete list of fields of study in which graduate courses are taught is given in the Courses section of the General Information Catalog.

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## School of Architecture (p. 28)

| Major(s) | Degree(s) |
| :--- | :--- |
| Architecture | MArch, MAAD, PhD |
| Architectural history | MA |
| Community and regional planning | MSCRP, PhD |
| Historic preservation | MSHP |
| Interior design | MID |
| Landscape architecture | MLA |
| Sustainable design | MSSD |
| Urban design | MSUD |

## Red McCombs School of Business (p. 38)

| Major(s) | Degree(s) |
| :--- | :--- |
| Business administration | MBA |
| Accounting | MPA, MSAcc, PhD |
| Business analytics | MSBA |
| Energy management | MSF, PhD |
| Finance | MBA |
| Financial mathematics | MSHCT |
| Health care transformation | MSIROM, PhD |
| Information, risk, and operations management | MSITM |
| Information technology and management |  |


| Management | MSMan, PhD |
| :--- | :--- |
| Management science and quantitative methods | MBA |
| Marketing | MSM, PhD |
| Technology commercialization | MSTC |

## Moody College of Communication (p. 50)

| Major(s) | Degree(s) |
| :--- | :--- |
| Advertising | MA, PhD |
| Audiology | AuD |
| Communication studies | MA, PhD |
| Journalism and media | MA, PhD |
| Radio-television-film | MA, PhD |
| Radio-television-film: Film and media production | MFA |
| Speech, language, and hearing sciences | MSSLHS, PhD |

## College of Education (p. 57)

| Major(s) | Degree(s) |
| :--- | :--- |
| Curriculum and instruction | MA, MEd, EdD, PhD |
| Educational leadership and policy | MEd, EdD, PhD |
| Educational psychology | MA, MEd, PhD |
| Health behavior and health education | MEd, MSHbhed, PhD |
| Kinesiology | MEd, MSKin, PhD |
| Science, technology, engineering, and <br> mathematics education | MA, MEd, PhD |
| Special education | MA, MEd, EdD, PhD |

Cockrell School of Engineering (p. 69)

| Major(s) | Degree(s) |
| :--- | :--- |
| Aerospace engineering | MSE, PhD |
| Biomedical engineering | MSE, PhD |
| Chemical engineering | MSE, PhD |
| Civil engineering | MSE, PhD |
| Electrical and computer engineering | MSE, PhD |
| Engineering management | MSE |
| Engineering mechanics | MSE, PhD |
| Environmental and water resources engineering | MSE |
| Materials science and engineering | MSE, PhD |
| Mechanical engineering | MSE, PhD |
| Operations research and industrial engineering | MSE, PhD |
| Petroleum engineering | MSE, PhD |

College of Fine Arts (p. 94)

| Major(s) | Degree(s) |
| :--- | :--- |
| Art education | MA |
| Art history | MA, PhD |
| Conducting | MMusic, DMA |
| Dance | MFA |
| Design | MA, MFA |
| Music | MMusic, DMA, PhD |
| Music and human learning | MMusic, DMA, PhD |
| Studio art | MFA |
| Theatre | MA, MFA, PhD |

John A. and Katherine G. Jackson School of Geosciences (p. 101)
Major(s)
Energy and earth resources
Geological sciences
School of Information (p. 104)
Major(s)
Information security and privacy
Information studies
College of Liberal Arts (p. 108)

| Major(s) | Degree(s) |
| :---: | :---: |
| African and African Diaspora studies | MA, PhD |
| American studies | MA, PhD |
| Anthropology | MA, PhD |
| Asian cultures and languages | MA, PhD |
| Asian studies | MA |
| Classics | MA, PhD |
| Clinical psychology | PhD |
| Comparative literature | MA, PhD |
| Creative writing | MFA |
| Economics | MA, MSEco, PhD |
| English | MA, PhD |
| French | MA, PhD |
| Geography | MA, PhD |
| Germanic studies | MA, PhD |
| Government | MA, PhD |
| History | MA, PhD |
| Human dimensions of organizations | MA |
| Humanities, health, and medicine | MA |
| Iberian and Latin American languages and cultures | MA, PhD |
| Italian studies | MA, PhD |
| Latin American studies | MA, PhD |
| Linguistics | MA, PhD |
| Mexican American and Latina/o studies | MA, PhD |
| Middle Eastern languages and cultures | MA, PhD |
| Middle Eastern studies | MA |
| Philosophy | MA, PhD |
| Psychology | MA, PhD |
| Religious studies | MA, PhD |
| Russian, East European, and Eurasian studies | MA |
| Sociology | MA, PhD |
| Women's and gender studies | MA |

College of Natural Sciences (p. 146)

| Major(s) | Degree(s) |
| :--- | :--- |
| Astronomy | MA, PhD |
| Biochemistry | MA, PhD |
| Cell and molecular biology | MA, PhD |
| Chemistry | MA, PhD |
| Computer science | MSCompSci, PhD |
| Data science | MSDS |


| Ecology, evolution, and behavior | MA, PhD |
| :--- | :--- |
| Human development and family sciences | MA, PhD |
| Marine science | MSMarineSci, PhD |
| Mathematics | MA, PhD |
| Microbiology | MA, PhD |
| Neuroscience | MSNeurosci, PhD |
| Nutritional sciences | MSNS, PhD |
| Physics | MA, PhD |
| Plant biology | MA, PhD |
| Statistics | MSStat, PhD |

School of Nursing (p. 166)

| Major(s) | Degree(s) |
| :--- | :--- |
| Nursing: Clinical nurse specialist | MSN |
| Nursing: Leadership in diverse settings | MSN |
| Nursing: Nurse practitioner | MSN |
| Nursing practice | DNP |
| Nursing science | PhD |

## College of Pharmacy (p. 170)

| Major(s) | Degree(s) |
| :--- | :--- |
| Pharmaceutical sciences | MSPS, PhD |
| Translational science | PhD |

## Lyndon B. Johnson School of Public Affairs (p. 173)

| Major(s) | Degree(s) |
| :--- | :--- |
| Global policy studies | MGPS |
| Public affairs | MPAff |
| Public policy | PhD |

## Steve Hicks School of Social Work (p. 177)

| Major(s) | Degree(s) |
| :--- | :--- |
| Social work | MSSW, PhD |

## Intercollegial Programs (p. 178)

| Major(s) | Degree(s) |
| :--- | :--- |
| Computational science, engineering, and <br> mathematics | MSCSEM, PhD |
| Writing | MFA |

## Dual Degree Programs

Dual degree programs are structured so that a student can pursue graduate work at the University in two fields and fulfill the requirements of two degrees; in programs leading to two master's degrees, the degrees are awarded simultaneously. To enter a dual program, the student must be accepted by both of the individual programs. Students who wish to enter a dual program that involves the JD degree should contact the Admissions Office in the School of Law first. Dual programs are offered in the following fields.

| Major(s) | Degree(s) |
| :--- | :--- |
| Advertising/Business administration | MA/MBA |
| Advertising/Public affairs | MA/MPAff |
| Asian studies/Business administration | MA/MBA |
| Asian studies/Public affairs | MA/MPAff |


| Business administration/Energy and earth resources | MBA/MA, MBA/ MSEER |
| :---: | :---: |
| Communication studies/Business administration | MA/MBA |
| Communication studies/Latin American studies | MA/MA |
| Communication studies/Public affairs | MA/MPAff |
| Community and regional planning/Geography | MSCRP/PhD |
| Community and regional planning/Sustainable design | MSCRP/MSSD |
| Community and regional planning/Urban design | MSCRP/MSUD |
| Global policy studies/Asian studies | MGPS/MA |
| Global policy studies/Business administration | MGPS/MBA |
| Global policy studies/Energy and earth resources | MGPS/MA |
| Global policy studies/Journalism and media | MGPS/MA |
| Global policy studies/Latin American studies | MGPS/MA |
| Global policy studies/Middle Eastern studies | MGPS/MA |
| Global policy studies/Russian, East European, and Eurasian studies | MGPS/MA |
| Information studies/English | MSIS/MA |
| Information studies/Global policy studies | MSIS/MGPS |
| Information studies/Latin American studies | MSIS/MA |
| Information studies/Public affairs | MSIS/MPAff |
| Journalism and media/Business administration | MA/MBA |
| Journalism and media/Latin American studies | MA/MA |
| Journalism and media/Middle Eastern studies | MA/MA |
| Journalism and media/Public affairs | MA/MPAff |
| Latin American studies/Business administration | MA/MBA |
| Latin American studies/Community and regional planning | MA/MSCRP |
| Latin American studies/Public affairs | MA/MPAff |
| Law/Business administration | JD/MBA |
| Law/Community and regional planning | JD/MSCRP |
| Law/Global policy studies | JD/MGPS |
| Law/Information studies | JD/MSIS |
| Law/Latin American studies | JD/MA |
| Law/Middle Eastern studies | JD/MA |
| Law/Public affairs | JD/MPAff |
| Law/Russian, East European, and Eurasian studies | JD/MA |
| Law/Social work | JD/MSSW |
| Mechanical engineering/Business administration | MSE/MBA |
| Medicine/Biomedical engineering | MD/MSE |
| Medicine/Business administration | MD/MBA |
| Medicine/Design | MD/MA |
| Medicine/Educational psychology | MD/MEd |
| Medicine/Health care transformation | MD/MSHCT |
| Medicine/Humanities, health, and medicine | MD/MA |
| Middle Eastern studies/Business administration | MA/MBA |
| Middle Eastern studies/Information studies | MA/MSIS |
| Middle Eastern studies/Public affairs | MA/MPAff |
| Public affairs/Business administration | MPAff/MBA |
| Public affairs/Civil engineering | MPAff/MSE |
| Public affairs/Community and regional planning | MPAff/MSCRP |
| Public affairs/Energy and earth resources | MPAff/MA |
| Public affairs/Social work | MPAff/MSSW |
| Radio-television-film/Business administration | MA/MBA |
| Radio-television-film/Latin American studies | MA/MA |
| Radio-television-film/Middle Eastern studies | MA/MA |


| Radio-television-film/Public affairs | MA/MPAff |
| :--- | :--- |
| Radio-television-film/Russian, East European, and MA/MA <br> Eurasian studies  |  |
| Russian, East European, and Eurasian studies/ <br> Business administration | MA/MBA |
| Russian, East European, and Eurasian studies/ <br> Public affairs | MA/MPAff |
| Social work/Business administration | MSSW/MBA |
| Social work/Latin American studies | MSSW/MA |
| Women's and gender studies/Information studies | MA/MSIS |
| Women's and gender studies/Public affairs | MA/MPAff |

Dual degree programs with other institutions.* The dual degree programs listed above lead to two University degrees; in other programs, students pursue degrees from the University and from another school at the same time. A dual degree program in business administration allows students to pursue a Master of Business Administration degree from the University and the degree of Master of Administration from Tecnológico de Monterrey-Campus Sante Fe. A dual degree program between the University's School of Social Work and the Austin Presbyterian Theological Seminary allows students to earn the Master of Science in Social Work from the University and the Master of Divinity from the seminary simultaneously. The University's LBJ School of Public Affairs offers dual degree programs with the University of Texas Health Science Center at Houston School of Public Health leading to the Master of Public Affairs or the Master of Global Policy Studies from the University and the Master of Public Health from the center. The University's School of Social Work also offers a dual degree program with the University of Texas Health Science Center at Houston School of Public Health leading to the Master of Science in Social Work from the University and the Master of Public Health from the center.

* Dual degree programs that allow students to pursue both a Doctor of Philosophy degree from the University and a Doctor of Medicine degree from the University of Texas Medical Branch at Galveston are being retired due to closure of the dual degree arrangement and termination of the inter-institutional agreement pending SACSCOC approval at time of publication:
- biomedical engineering
- chemistry
- biochemistry
- cell and molecular biology
- neuroscience


## Integrated Degree Programs

Integrated degree programs enable students to earn a bachelor's and master's degree in a single continuous degree plan. Through the application of course waivers to common course requirements and the reservation of coursework for graduate credit, integrated degree programs are designed to be completed in less time and at a lower cost than is required to complete the two associated degree programs independently. Integrated degree program arrangements are designed to support the University's student success goals, and they are attentive to timely undergraduate degree conferral. Students enrolled in an integrated degree program are expected to complete requirements for the bachelor's degree within four years as a milestone toward earning the master's degree. Degree candidates must be registered during the semester in which a degree is to be awarded. Integrated degree students who are ineligible to receive the bachelor's degree at the end of four years must apply for the degree as soon as they are eligible and no later than the date specified in the official academic calendar.

| Major(s) | Degree(s) |
| :--- | :--- |
| Accounting | BBA/MPA |
| Biomedical Engineering | BSBiomedE/MSE |
| Computer Science | BSCompSci/ |
|  | MSCompSci |
| Computer Science/Information Studies | BSCompSci/MSIS |
| Computer Science/Computational Science, | BSCompSci/ |
| Engineering, and Mathematics | MSCSEM |
| Electrical and Computer Engineering | BSECE/MSE |
| Informatics/Information Studies | BA/MSIS, BSI/MSIS |
| Mechanical Engineering | BSME/MSE |
| Nutrition/Nutritional Sciences | BSNtr/MSNS |
| Women's and Gender Studies | BA/MA |

## Other Programs

## Bridge Programs

Bridge programs offer undergraduate students an opportunity to prepare for future graduate study by providing access to courses and program resources that normally require graduate standing. Undergraduate students may apply for admission through the graduate academic unit sponsoring the bridge program. Admission to a bridge program is highly competitive and does not guarantee admission to a graduate degree program. For more information, each of the following bridge programs is described in the Graduate (p. 6) catalog section for the graduate program that sponsors it.
Red McCombs School of Business (p. 38)

| Major(s) | Degree(s) |
| :--- | :--- |
| Business analytics | MSBA |
| Finance | MSF |
| Information technology and management | MSITM |
| Marketing | MSM |

## Ad Hoc Interdisciplinary Doctoral Program

Students admitted to established academic programs may propose to construct an ad hoc interdisciplinary doctoral program that draws on the intellectual resources of several graduate programs and involves faculty members from more than one college or school. This procedure allows students who have been admitted to a graduate program to design a course of study that does not fit into an existing degree plan. Each program must be approved by the graduate dean.

Students interested in the ad hoc interdisciplinary doctoral program should consult the graduate advisor of the program to which they are admitted or to which they plan to apply. Additional information is available from the Office of Graduate Studies.

## Combined JD/PhD Programs

The School of Law and the Graduate School offer programs leading to the Doctor of Jurisprudence and the Doctor of Philosophy with a major in government or philosophy. These programs are designed to prepare students for academic careers in law or the cognate discipline or both. By counting law courses toward the PhD and courses in the cognate discipline toward the JD, students can save up to a year of coursework. The law school provides financial aid to students at the dissertation stage of the program. More information on the JD/PhD in government is available at (512) 471-5121, and on the JD/PhD in philosophy at the School of Law's website.

## Graduate Portfolio Programs

The goal of graduate portfolio programs is to recognize and encourage cross-disciplinary research and scholarly activity. A portfolio program usually consists of four thematically related graduate courses and a research paper, presentation, or practical experience. The portfolio must include courses offered by at least two graduate programs other than the student's major program. Portfolio programs are approved by the Graduate School. Although the certification requirements of each program are independent of the requirements for graduate degrees, courses included in the Program of Work may, with appropriate approval, be counted toward certification. Upon completion of both degree and portfolio program requirements, the student's University transcript reflects portfolio certification.

All graduate portfolio programs must include nine to 15 credit hours of thematically related graduate coursework (typically three to five courses) selected from a variety of predetermined disciplines or graduate programs. The requirements of a portfolio may not exceed 15 credit hours. To ensure the expansion of cross-disciplinary content expertise, each portfolio must include a minimum of nine credit hours of content coursework (typically three courses) and content courses offered by at least two graduate programs other than the student's primary degree major. In addition to required content courses, portfolio programs may require one Independent Study course and/or Internship course. Master's Reports, Theses, and Doctoral Dissertations may be used to satisfy the independent paper, or project, requirement of a portfolio program; however, these courses may not be used to satisfy the nine to 15 credithour coursework requirement.

If a student's graduate degree is conferred while their portfolio program is in progress, they may continue enrollment to complete the portfolio under the following circumstances:

1. the student must enroll as a non-degree-seeking student in one of the graduate programs sponsoring the portfolio program,
2. the student must have completed at least two of the courses required for the portfolio at the time that their degree is conferred (a student may not begin a portfolio program after their degree is conferred),
3. the portfolio administrator must request permission from the Graduate School to allow the student to complete a post-graduation portfolio and provide confirmation that the student has completed at least two portfolio courses and,
4. the student may not have a break in enrollment period.

A student will not be readmitted for the purpose of completing a portfolio program.

Graduate portfolio programs are available in the following areas:

- African and African diaspora studies
- Aging and health
- Applied statistical modeling
- Arts and cultural management and entrepreneurship
- Asian American studies
- Communication, information, and cultural policy
- Computational medicine
- Cultural studies
- Digital studies
- Disability studies
- Dispute resolution
- Energy studies
- Ethical AI
- Food-Energy-Water-Systems (FEWS)
- Health communication
- Imaging science
- Integrated behavioral health
- Integrated watershed studies
- Interdisciplinary European studies
- Language teaching and program coordination
- Mexican American and Latina/o studies
- Middle Eastern studies
- Molecular biophysics
- Museum studies
- Nanomanufacturing
- Nanoscience and nanotechnology
- Native American and indigenous studies
- Nonprofit studies
- Robotics
- Romance linguistics
- Russian, East European, and Eurasian studies
- Science and engineering professional development
- Scientific computation
- Security studies
- Study of religion
- Sustainability
- Women's and gender studies


## Cooperative Consortium Program

A cooperative arrangement between The University of Texas System and the Texas A\&M University System allows a graduate student at one institution to use unique facilities or courses at the other institution with a minimum of paperwork. The graduate student registers and pays fees at the home institution and may retain any fellowship or financial assistance awarded by it. Space must be readily available, and the instructor or laboratory director of the proposed work must consent to the arrangement. Approval must be given by the graduate dean of each institution.

A similar arrangement among component institutions of The University of Texas System has been authorized by the chancellor and the Board of Regents. The University has active arrangements with the University of Texas Health Science Center at Houston, the University of Texas M. D. Anderson Science Park in Bastrop County, and the University of Texas Medical Branch at Galveston.

## Cooperative Degree Programs

With appropriate approval, The University of Texas at Austin and another component of The University of Texas System may enter into a cooperative agreement in which one component serves as the degreegranting institution while some or all of the courses in the degree program are taught at the other component. The component that grants the degree is the "sponsoring" institution. A student who enters such a cooperative program is admitted on the understanding that institutional sponsorship of the program may change during the student's enrollment. The student's continuation in the program will not be affected by such a transfer of sponsorship, but the student will become subject to the policies and procedures of the new sponsoring institution, which may differ from those of the original sponsor. The student will receive the degree from the component that sponsors the program at the time of the student's graduation.

## Certificates

Transcript-recognized graduate certificate programs offer a non-degree credential for completing a structured sequence of courses designed to meet identified workforce needs and to provide students with skills and knowledge that shall be useful for their lives and careers.

Each graduate certificate program is sponsored and administered by an associated Graduate Studies Committee (GSC) that is responsible for determining the program curriculum, publishing a program description in the Graduate Catalog, processing applications for admission, tracking and evaluating student progress, and reporting program completion to the Graduate School.

The general requirements for graduate certificates are given in this chapter. Specific requirements for each certificate program are given in Areas of Study (p. 27).

## Application and Admission

Degree-seeking graduate students may pursue a graduate certificate within or outside of their primary field of study. Students who are currently enrolled in a graduate degree program at The University of Texas at Austin may apply for admission to a graduate certificate program through the academic unit administering the program.

Non-degree-seeking students: Some graduate certificates are available to non-degree-seeking students. Individuals who have earned a bachelor's degree or higher may apply for admission to these programs by submitting materials required for admission as a nondegree student (p. 18) to the Graduate and International Admissions Center (GIAC). Individual certificate programs may impose additional admissions requirements.

## Coursework Requirements

Upper-division courses may not be used to satisfy graduate certificate requirements. All coursework must be completed within a six-year period. A graduate course may be used to satisfy requirements of a graduate certificate and graduate degree program; however, a graduate course may not be used to satisfy the requirements of more than one graduate certificate program.

## Grade Requirements

All coursework must be completed with a grade of " C " or higher. In addition, students must earn a cumulative grade point average of at least 3.00 in the courses used to satisfy graduate certificate requirements. Individual certificate programs may set higher grade point average requirements for all or a portion of their students' coursework.

## Transcript Notation

In most certificate programs, students receive recognition on the University transcript at the end of the semester when requirements of a graduate certificate program are completed; however, some programs may require simultaneous awarding of the certificate and degree.

Each of the following transcript-recognized graduate certificate programs is described in the catalog section for the college that sponsors it. Certificate programs that do not lead to transcript recognition are also described in the following sections of this catalog.

The following graduate certificates are designed for degree-seeking graduate students enrolled at the University and must be awarded simultaneously with a graduate degree:

- Engineering Education (p. 89)
- Latin American Architecture (p. 28)

The following graduate certificates are designed for non-degree-seeking graduate students and may be awarded following completion of program requirements:

- Artist Diploma in Music Performance (p. 99)
- Advanced Practice Registered Nurse Certification (p. 168)
- Advanced Practice Nursing - Acute Care Pediatric Nurse Practitioner
- Advanced Practice Nursing - Adult Gerontology Clinical Nurse Specialist
- Advanced Practice Nursing - Family Nurse Practitioner
- Advanced Practice Nursing - Family Psych/Mental Health Nurse Practitioner
- Advanced Practice Nursing - Pediatric Nurse Practitioner


## Stackable Certificates

Stackable graduate certificate programs provide an opportunity for degree-seeking and non-degree-seeking graduate students to earn a transcript-recognized, non-degree credential for completing a structured sequence of courses in a specified area of study. Stackable graduate certificates are designed to meet identified workforce needs and to provide students with skills and knowledge that will be useful for their lives and careers. Degree-seeking graduate students may pursue a stackable graduate certificate within or outside their primary area of study.

Each graduate certificate program is sponsored and administered by a Graduate Studies Committee (GSC). The GSC is responsible for determining the program curriculum, publishing a program description in the Graduate Catalog, processing applications for admission, tracking and evaluating student progress, and reporting program completion to the Graduate School.

The general requirements for stackable graduate certificates are given in this chapter. These requirements set a minimum standard; however, individual programs may impose additional requirements. Specific requirements for each stackable certificate program are given in the Fields of Study.

## Application and Admission

Stackable graduate certificates are available to individuals who have been admitted to the University as either degree-seeking or non-degreeseeking graduate students.

Students who are enrolled in a graduate degree program at UT Austin may apply for admission through the academic unit sponsoring the certificate.

Some stackable graduate certificate programs are available to nondegree-seeking students; persons who have earned a bachelor's degree or higher may apply for admission to those programs by submitting materials required for admission as a nondegree student to the Graduate and International Admissions Center (GIAC). Individual programs may impose additional admissions requirements.

## Coursework Requirements

To earn a stackable graduate certificate, students must complete 9-15 hours of graduate-level coursework that has been approved by the program faculty. Upper-division undergraduate courses may not be used to satisfy coursework requirements. All coursework used to satisfy program requirements must be completed within a 6 -year period. A
single course may not be used to satisfy the requirements of more than one stackable graduate certificate.

## Grade Requirements

All coursework must be completed with a grade of " $C$ " or higher. In addition, students must earn a grade point average of at least 3.00 in courses used to satisfy stackable certificate requirements. Individual programs may set higher grade point average requirements for all or a portion of their students' coursework.

## Limits on Transfer Coursework

Degree-seeking graduate students must complete a minimum of nine of the hours required for a stackable graduate certificate in residence at the University. With approval of the GSC administering a graduate certificate program, and except where otherwise limited by the nine-hour residency requirement, a maximum of $20 \%$ of the total hours required for a stackable graduate certificate, rounded up to the next nearest integer, may be satisfied through the application of approved graduate transfer coursework. Transfer credit must meet the standards outlined in the Graduate Catalog at https://gradschool.utexas.edu/academics/policies/ transfer-credit.

Non-degree-seeking students who are admitted to a graduate certificate program must complete all coursework for the certificate in residence at the University.

## Application of Stackable Certificate Coursework Taken in Non-degree Status Toward a Graduate Degree

Admission to and enrollment in a stackable graduate certificate program does not guarantee admission to a graduate degree program. A graduate non-degree-seeking student who wishes to seek a graduate degree must meet the requirements for admission, submit all required materials and items by the program's deadline, and pay the standard application fee.

Under normal circumstances, no more than six hours of coursework completed in non-degree status may be applied towards a graduate degree. Upon request, however, this limit may be extended for students who complete a stackable graduate certificate while in non-degree status. Specifically, with approval of a program GSC and the Graduate Dean, the greater of 18 credit hours or $50 \%$ of the total hours required for a degree may be satisfied with coursework completed for a stackable graduate certificate while the student was enrolled in the non-degree status, inclusive of:

1. transfer credits
2. undergraduate courses reserved for graduate credit
3. credit hours accrued as a non-degree seeking student.

## Transcript Notation

Some stackable graduate certificates may be awarded following completion of program requirements, while others require simultaneous awarding of the graduate certificate and a graduate degree. For more information, see the catalog section for the school or college sponsoring the program in question.

Each of the following transcript-recognized stackable certificate programs is described in the catalog section for the program that sponsors it.

| Stackable Certificate | Degree Seekers | Non-degree Seekers | Online | Urban Design: Housing and | Yes | No | No |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Program |  |  |  | Urbanism |  |  |  |
| Architecture |  |  |  | (p.38) |  |  |  |
| Architecture: | Yes | No | No | Communication |  |  |  |
| Building |  |  |  | Communication | Yes | Yes | No |
| Technology |  |  |  | Studies: Sports |  |  |  |
| (p.31) |  |  |  | Communication |  |  |  |
| Architecture: | Yes | No | No | (p. 53) |  |  |  |
| Community |  |  |  | Communication | Yes | Yes | No |
| Equity Design |  |  |  | Studies: |  |  |  |
| (p.31) |  |  |  | Strategic |  |  |  |
| Architecture: Digital | Yes | No | No | Communication (p. 53) |  |  |  |
| Technology |  |  |  | Education |  |  |  |
| (p. 31) |  |  |  | Curriculum and | Yes | Yes | No |
| Architecture: | Yes | No | No | Instruction: |  |  |  |
| Environmental |  |  |  | Learning, Action, |  |  |  |
| Equity Design |  |  |  | Equity, and |  |  |  |
| (p.31) |  |  |  | Design (LEAD) |  |  |  |
| Architecture: | Yes | No | No | (p.60) |  |  |  |
| Latin American |  |  |  | Engineering |  |  |  |
| Architecture (p. 31) |  |  |  | Mechanical Engineering: | Yes | Yes | Yes |
| Architectural History: Political, | Yes | No | No | $\frac{\text { Controls }}{(\mathrm{p} .90)}$ |  |  |  |
| Social, and |  |  |  | Petroleum | Yes | Yes | Yes |
| Cultural Histories |  |  |  | Engineering: |  |  |  |
| of Architecture |  |  |  | Data Analytics |  |  |  |
| (p. 31) |  |  |  | (p.92) |  |  |  |
| Community and Regional Planning: Introduction to | Yes | No | No | Petroleum <br> Engineering: <br> Fundamentals <br> (p. 92) | Yes | Yes | Yes |
| City Planning (p. 35) |  |  |  | Petroleum <br> Engineering: | Yes | Yes | Yes |
| Historic | Yes | No | No | Unconventional |  |  |  |
| Preservation: |  |  |  | Resources |  |  |  |
| Cultural Heritage: |  |  |  | (p.92) |  |  |  |
| Building |  |  |  | Information |  |  |  |
| Materials and Documentation (p. 31) |  |  |  | Information <br> Studies: School <br> Librarian | Yes | Yes | Hybrid |
| Historic Preservation: | Yes | Yes | No | (p. 108) |  |  |  |
| Cultural Heritage: |  |  |  | Nursing |  |  |  |
| History and |  |  |  | Nursing: | Yes | Yes | Yes |
| Research |  |  |  | Teaching |  |  |  |
|  |  |  |  | (p. 170) |  |  |  |
| Interior Design: | Yes | No | No | Pharmacy |  |  |  |
| Theories of |  |  |  | Pharmaceutical | Yes | Yes | Yes |
| Interiors and |  |  |  | Sciences: |  |  |  |
| Spatial Design |  |  |  | Innovating for |  |  |  |
| (p.36) |  |  |  | Health (p. 172) |  |  |  |
| Sustainable | Yes | Yes | No |  |  |  |  |
| Design: |  |  |  |  |  |  |  |
| Technology and Environment (p. 31) |  |  |  |  |  |  |  |

## Libraries and Other Academic Resources

## The University Libraries

The libraries of the University are a resource center for Texas and the Southwest, as well as a national resource center for library materials on Latin America, Texas, the history of the American South and West, and nineteenth- and twentieth-century British, French, and American literature. Libraries include the University of Texas Libraries, the Dolph Briscoe Center for American History, the Harry Ransom Humanities Research Center, and the Joseph D. Jamail Center for Legal Research: Tarlton Law Library. The University of Texas Libraries include the PerryCastañeda Library, the Nettie Lee Benson Latin American Collection, six science and technology libraries, and several other branches and special collections.

The University Libraries website serves as the gateway to an array of online information resources. These include the online library catalog which provides information on most items located in the collections of the University of Texas Libraries, the Dolph Briscoe Center for American History, and the Humanities Research Center, and a partial listing for items in the Law Library. The University Libraries website also offers access to millions of pages of specially licensed scholarly information, including the full text of articles and illustrations from thousands of journals, the full text of about 80,000 books in electronic format, several hundred indexes, and an extensive online map collection. A variety of library services are also available online.

Detailed information about the University Libraries is given in General Information.

## Dolph Briscoe Center for American History

The Dolph Briscoe Center for American History is a special collections library, archive, and museum that facilitates research and sponsors programs on the historical development of the United States. The center supports research and education by acquiring and preserving research collections and making them accessible and by sponsoring exhibitions, conferences, fellowships, and grant-funded initiatives. Research collection strengths are the history of Texas, the South, the Southwest, and the Rocky Mountain West, congressional history, and other specific national topics.

More information is given in General Information.

## Harry Ransom Center

The Harry Ransom Center is one of the world's foremost institutions for literary and cultural research. It offers resources in a number of disciplines and periods, but its principal strength is in its collections of twentieth-century British, American, and French literature. The center houses about a million books, thirty million manuscripts, five million photographs, and more than one hundred thousand works of art.

More information is given in General Information.

## Information Technology Services

Information Technology Services (ITS) supports the University's academic and research programs by providing an information-technology-based environment, technological capabilities, and a staff to assist students, faculty and staff members, academic departments, and research centers with their learning, teaching, research, and outreach activities. ITS provides the University's core computing, wired and
wireless networking, video conferencing, satellite conferencing, network directory, domain name, and information processing infrastructure, as well as a broad range of services and support programs.

The facilities and services provided by ITS are described in General Information.

## Law Library

The Joseph D. Jamail Center for Legal Research: Tarlton Law Library is one of the largest academic law libraries in the country, with more than a million volumes of codes, statutes, court decisions, administrative regulations, periodicals, textbooks, and treatises on law and related fields. It offers a strong collection of foreign and international legal materials.

More information is given in General Information.

## Other Libraries in Austin

The Lyndon Baines Johnson Library and Museum, located on campus, is operated by the National Archives and Records Administration. This library is a valuable resource for the study of the twentieth century. Faculty members and students also have access to other public and private libraries in the Austin area, including several special-interest libraries.

## Perry-Castañeda Library

This six-level open stack library contains more than 2.5 million volumes and is the main library of the University. It serves most subject areas but emphasizes the humanities; the social sciences; business; education; nursing; social work; and European, East European, Asian, Middle Eastern, Hebraic, and Judaic studies. Special materials include United States and United Nations official documents, current journals, and newspapers. On-site reference service is offered, and graduate students may consult subject bibliographers to identify useful resources and gain access to them.

## Research Facilities

The University offers some of the most extensive university research facilities in the United States. There are more than a hundred organized research units on campus and many other informally organized laboratories; they give graduate students the opportunity to conduct laboratory and field research in almost all fields of study. Internships are also offered in many fields.

## Special Collections and Branch Libraries

The Nettie Lee Benson Latin American Collection, an internationally recognized resource for research in Latin American and United States Latino studies, contains more than a million volumes of books, pamphlets, and journals, in addition to extensive collections of manuscripts, maps, newspapers, photographs, recordings, and microfilm. It includes materials on any subject related to Latin America or written by a Latin American, regardless of language.

The branch libraries are the Architecture and Planning Library (including the Alexander Architectural Archive), the Mallet Chemistry Library, the Classics Library, the Collections Deposit Library, the Fine Arts Library, the Walter Geology Library, the Human Rights Documentation Initiative, the Life Science Library, the Kuehne Physics Mathematics Astronomy Library, and the Marine Science Library in Port Aransas. Reference, circulation, and reserves services are available at all branch libraries.

## Financial Aid

## Fellowships

University fellowships, which are administered through the Graduate School, are awarded to both new and continuing graduate students in most academic areas. Students must be nominated by their graduate advisors for any fellowship administered by the Graduate School. Additional information is available from the Graduate School.

University recruiting fellowships for entering graduate students are awarded on the basis of scholastic excellence and adequate preparation for graduate study in the student's chosen field, as shown by the student's academic record and letters of recommendation. University fellowships for continuing students are awarded on the basis of the student's record since entering the Graduate School, including performance in relevant coursework and research or creative activity, letters of recommendation from University faculty members, and the endorsement of the graduate advisor; financial need is also considered. There are additional specific qualifications for many of the competitive fellowships awarded by the University and by graduate programs. Generally, fellowships require no service from the recipient. Major fellowships provide for payment of nearly all tuition in addition to the stipend.

## Assistantships

Various teaching, research, and academic assistantships are awarded by the departments. These appointments require specific service. Nonresidents and international students who hold assistantships of at least 20 hours a week may pay resident tuition if the assistantship duties are related to the student's degree program. Applicants may indicate on the admission application that they would like to be considered by the graduate program for a teaching assistantship or a research assistantship. Enrolled students should apply directly to the department in which they would serve.

## Additional Financial Aid and Deadlines for Financial Aid

The Office of Scholarships and Financial Aid offers financial assistance in the form of gift aid, which includes grants and scholarships, and selfhelp aid, which includes student employment programs and long-term loans. To apply for these programs, all applicants are encouraged to complete the Free Application for Federal Student Aid (FAFSA). More information about these programs and deadlines for filing the FAFSA are published by Office of Scholarships and Financial Aid. Information is also available by mail from Office of Scholarships and Financial Aid, The University of Texas at Austin, 100 West Dean Keeton Street, E3700, Austin, TX 78712-1712.

Individual graduate programs may also offer financial assistance to their students. For more information about these programs and deadlines for applying to them, applicants should contact the graduate program of interest. Financial aid decisions are made soon after program application deadlines, and applicants whose materials have not been received may not be given full consideration.

## Student Services

In addition to student services provided by the Office of Graduate Studies, support services for students are provided by several other offices, including University Housing and Dining; University Health Services; the Counseling and Mental Health Center; and Parking and

Transportation Services. The functions of these and similar offices are described in General Information.

Graduate students are represented on campus and in the community by the Graduate Student Assembly, described below. In addition, there are social and professional groups for graduate students in most fields of study, and hundreds of registered student organizations that are open to undergraduates and graduate students.

## Graduate Student Assembly

The Graduate Student Assembly (GSA) is the official representative body for graduate students. GSA addresses issues that are important to its constituents, not only as students but also as teaching assistants, research assistants, and assistant instructors. GSA reports administratively to the vice provost and dean of graduate studies and the vice president for student affairs. Administrative expenses are funded through an allocation from students' tuition.

The objectives of GSA are to represent the views of graduate students to the University community and the community at large; to facilitate graduate student communication and interaction; to gather and disseminate information pertinent to graduate students; to conduct activities that promote the general welfare of graduate students; and to provide a means of assisting in the selection of graduate student members of departmental, college, and University bodies.

More information about GSA, including contact information for officers, current representatives, meeting agendas and minutes, and current and past activities, is available at the GSA's website.

## Student Responsibility

While University faculty and staff members give students academic advice and assistance, students are expected to take responsibility for their education and personal development. They must know and abide by the academic and disciplinary policies given in this catalog and in General Information, including rules governing quantity of work, the standard of work required to continue in the University, warning status and scholastic dismissal, and enforced withdrawal. Students must also know and meet the requirements of their degree program; must enroll in courses appropriate to the program; must meet prerequisites and take courses in the proper sequence to ensure orderly and timely progress; and must seek advice about degree requirements and other University policies when necessary.

The student must give correct local and permanent postal addresses, telephone numbers, and e-mail address to the Office of the Registrar and must notify this office immediately of any changes. Official correspondence is sent to the postal or e-mail address last given to the registrar; if students have failed to correct this address, they will not be relieved of responsibility on the grounds that the correspondence was not delivered. Students may update their addresses and telephone numbers at the Office of the Registrar's website.

Students must register by the deadlines given in the Course Schedule and must verify their schedule of classes each semester, must see that necessary corrections are made, and must keep documentation of all schedule changes and other transactions.

Students should be familiar with the following sources of information:
The University Catalog. Information about the University catalog is found in General Information.

The Course Schedule. The Course Schedule is published by the Office of the Registrar and is available before registration for each semester
and summer session. The Course Schedule includes information about registration procedures; times, locations, instructors, prerequisites, and special fees of classes offered; and advising locations.

The University Directory. The University directory gives physical and email addresses and telephone numbers of students and faculty and staff members.

University website. The address for the University's home page. In addition to the publications described above, the website includes sites maintained by departments, colleges, graduate programs, museums, libraries, research units, and student-service offices.

The Office of Graduate Studies. The Office of Graduate Studies is the central source of information for graduate students. Doctoral and master's degree evaluators provide information about procedures for submission of reports, theses, dissertations, and treatises, and the student services section assists with registration and related matters. Information for both prospective and current students is available online.

## Graduate advisors, assistant graduate advisors, and graduate

coordinators. The graduate advisor for each program is a faculty member designated to advise students and represent the Graduate School in matters pertaining to graduate study. They provide information about the program, including admission and degree requirements, and about fellowships, teaching assistantships, and research assistantships. The assistant graduate advisor, also a faculty member, serves in the absence of the graduate advisor. The graduate coordinator, a staff member who assists the graduate advisor and other faculty members in the administration of the program, also provides services to students.

Graduate Student Handbooks. Graduate student handbooks are published by the Graduate Studies Committee associated with each graduate degree program on an annual basis. The handbooks describe graduate degree requirements, program expectations, and deadlines; and they are intended to supplement information published in the Graduate Catalog. Graduate student handbooks are provided to all matriculating graduate students and all applicants on request. Requirements may be changed from one student handbook to the next. A student is normally bound by the requirements of the handbook in force at the time of their first registration in the program; the student may choose, however, to fulfill the requirements of a subsequent handbook. If the student does not fulfill handbook requirements within six years of their first enrollment in the program, they are then bound by the requirements of a subsequent handbook. The student may choose the handbook in effect in any year in which they are enrolled in the program, within the six-year limit. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Admission and Registration

All students seeking admission to the Graduate School should consult the Graduate School's admissions website for information and application forms. Students must submit an official transcript from every senior-level college they have attended and official scores for the Graduate Record Examinations General Test (GRE) or Graduate Management Admission Test (GMAT). International students must also submit either an official Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) score report demonstrating an adequate knowledge of English ${ }^{1}$. Applicants should consult the graduate program to which they are applying to learn which test to take and to learn about additional material required by the program.

A nonrefundable application fee is required with each application for admission to the Graduate School, the McCombs School of Business, or the School of Law. Current fee amounts are given in the Application Processing Fee section of the General Information Catalog. Under certain circumstances, applicants to the Graduate School may be eligible for a waiver of the application fee; additional information about the fee waiver is available online. Applicants may apply simultaneously to more than one graduate program; a fee may be charged for each application.
${ }^{1}$ Please see https://gradschool.utexas.edu/admissions/how-to-apply/ international-students for exceptions.

## Admission

## Admission Requirements

For information regarding the Graduate Admission requirements, please see the General Information Catalog.

## Graduate School Select Admission Program

For information regarding the Graduate School Select Admission Program, please see the General Information Catalog.

## Admission with Conditions

For information regarding Conditional Admission, please see the General Information Catalog.

## Admission as a Nondegree Student

For information regarding Admission as a Nondegree Student, please see the General Information Catalog.

## Applying for Admission

Application for admission to the Graduate School consists of submitting the official online application form, transcripts, test scores, and processing fees to the Graduate and International Admissions Center (GIAC). Instructions and forms are available at the Graduate School's admissions website. Students may also indicate their interest in assistantships and fellowships on the application form.

Each graduate program may require the submission of additional materials. These materials vary by program, but examples include letters of reference, auditions, samples of the student's work, and personal statements. Information about required materials is available from the graduate program.

Because graduate programs set their own application deadlines, applicants must be sure to inquire about the deadline for the program to which they are applying. Many programs have deadlines as early as December 1 for the following summer session or fall semester, but some programs set different dates. Few graduate programs admit new students for the spring semester; those that do generally have deadlines no later than October 1. It is the applicant's responsibility to meet the deadline set by the graduate program. A list of program deadlines is given at the Graduate School's admissions website.

Deadlines for those seeking financial aid. Information about financial aid and financial aid deadlines is given on the Financial Aid page (p. 17).

## International Students

In addition to meeting the general requirements for admission, international applicants must demonstrate sufficient competence in English to study effectively at the University, unless otherwise
exempt. These applicants are required to submit scores for either the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) to the Graduate School. Information about TOEFL and IELTS is published online.

Because transcripts from foreign universities require special evaluation, prospective international students are advised to submit their application forms, test scores, and upload transcripts well in advance of deadlines. Early submission gives the University enough time to process the application and gives the applicant enough time to obtain visas and make travel arrangements if admission is granted. A nonrefundable application fee is required with each application for admission to the Graduate School, the McCombs School of Business, or the School of Law. All payments must be in US dollars and drawn on US banks. Current fee amounts are given in the Application Processing Fees section of the General Information Catalog.

International students must maintain approved comprehensive health insurance or coverage. The student's registration bill includes the premium for the University health insurance policy, unless approval to substitute alternate, comparable coverage has been given by the International Office.

## Enrollment Deposit

Some graduate programs require students to pay a nonrefundable enrollment deposit upon admission to indicate that they accept the offer of admission. The current amounts of these deposits are given in the General Information section of the General Information Catalog. For students applying to dual degree programs, one deposit serves to confirm the student's intention of enrolling in both programs. When both programs require deposits, only the higher fee is required. The deposit is applied to the payment of fees when the student enrolls.

## Readmission

All graduate students are expected to enroll and pay tuition by the twelfth class day of the fall semester and the spring semester of each academic year until they graduate. A student who does not do so must apply for readmission in order to return to the University. The student must submit an Application for Readmission to the Graduate and International Admissions Center (GIAC) by the deadline given in the General Information section of the General Information Catalog and must pay the application fee. The fee is waived if the student has received an official leave of absence as described in Continuous Registration (p. 22). Students must also obtain the approval of the graduate advisor in the program in which they were last enrolled. Readmission to a graduate program is not guaranteed. Former graduate students who were in good standing when they left the University are not required to submit official transcripts unless they are requested by the student's graduate program.

To change to a different major, the student must submit an Application for Admission to Another Graduate Major to the Graduate School, as described on the Application to Another Graduate Major (Change of Major) page (p. 23).

## Exchange Students

A graduate student who is admitted to the University through a reciprocal exchange program is classified as a nondegree student. An exchange student may not register for more than two long-session semesters and one summer session. The transferability of academic credit to the student's home institution is determined by the home institution.

An exchange student who wishes to take a graduate course must obtain the approval of the instructor and of the graduate advisor for the program that offers the course, must meet all course prerequisites, and must meet any other requirements affecting nondegree students. The rules that apply to nondegree students are given in General Information.

An exchange student may later apply for admission to the University as a degree-seeking graduate student. To do so, the student must submit the usual test scores, application fee, and other required material by the appropriate deadline, as described in "Applying for Admission" on the Admission page (p. 18). If the applicant is admitted, the Graduate Studies Committee may seek the graduate dean's approval to include on the Program of Work for the master's degree up to six hours of graduate coursework that the student completed as a nondegree exchange student. All requirements related to courses that may be counted toward graduate degrees apply, including rules concerning courses counted toward another degree.

## Registration

University students register online for each semester and summer session. Complete information about the registration process is given in the Course Schedule.

## Registration for New Graduate Students

Applicants are notified by e-mail of their admission or denial. Admitted applicants should notify their graduate advisors as soon as possible whether they plan to accept admission. Either in an interview or by correspondence, admitted applicants should then learn the specific requirements of their graduate program. Students should consult the Course Schedule to learn whether advising before registration is required in their major area.

## Late Registration

The period of late registration is given in the Course Schedule. During this period, a student may register with the consent of the graduate advisor, and a late fee is imposed. After this period, registration is permitted only under exceptional circumstances, upon recommendation of the graduate advisor, and with consent of the graduate dean and the registrar.

## Registration for Continuing Graduate Students

Continuing graduate students should consult the Course Schedule to learn whether advising before registration is required in their major area.

To continue in the Graduate School beyond the first semester or summer session, the student must make satisfactory progress in fulfilling any admission conditions that were imposed, meet any requirements made in writing by the Graduate Studies Committee, maintain a graduate grade point average of at least 3.00 , and receive the approval of the Graduate Studies Committee. For more information about grade requirements, see Graduate Credit (p. 21).

## Registration Following Graduation

Students who wish to continue enrollment beyond the semester in which their degree is awarded must be admitted as nondegree students or as degree-seeking students in a new degree program. Students must request a change of major or degree-seeking status from the Graduate School.

## Course Load

## Maximum Course Load

The maximum course load for a graduate student is 15 semester hours in a long-session semester or 12 semester hours in a twelve-week summer session. A heavier course load must have the recommendation of the graduate advisor and the approval of the graduate dean. It is permitted only under exceptional circumstances.

## Full-Time Course Load

There is no minimum course load for graduate students; however, a graduate student enrolled in at least nine semester hours during a long-session semester and three hours during a summer session is considered by the Graduate school to be registered for a full-time load.

Agencies that grant loans or provide for educational funding may establish different definitions of full-time status. Students should be familiar with the regulations of any agency to which they have an obligation.

Under various circumstances, graduate students must register for and must remain registered for a full-time load. In other circumstances, graduate students must register and must remain registered for a minimum number of hours; those requirements are given below.

Holders of Graduate School-administered fellowships and scholarships: Nine hours each long-session semester and three hours in the summer session (in any combination of summer-session terms).

Graduate student academic employees: Nine hours each semester and three hours in the summer session (in any combination of summersession terms). A "graduate student academic employee" is a graduate student who is also employed by the University under one of the following titles: teaching assistant, assistant instructor, graduate research assistant, academic assistant, assistant (graduate), and tutor (graduate).

Students receiving certain student loans should consult the Office of Scholarships and Financial Aid for course-load regulations.

Students living in University housing should consult University Housing and Dining for course-load regulations.

International students: Nine hours each long-session semester. International students must consult with International Student Scholar Services and must have the written permission of their dean to take fewer than nine hours. No minimum load is required in the summer. Some approved courses in English as a second language do not carry University credit, but each course is considered the equivalent of a threehour course for purposes of the course load requirement. Students may enroll in these courses with the approval of their graduate advisor.

Affiliated studies: Students enroll in affiliated studies (AS) when they participate in a study abroad program offered by an institution with which the University has an affiliation agreement. Students enrolled in affiliated studies are considered full-time students, but are not eligible to serve as graduate student academic employees. More information about affiliated programs is given in General Information.

International study and research: Students may enroll in international study and research (ISR) when they conduct research or study independently abroad. A student enrolled in international study and research is considered a full-time student, but are not eligible to serve as graduate student academic employees. When a doctoral candidate receives approval to enroll in ISR, that enrollment is an acceptable substitute for registration in dissertation hours, except in the final semester, when enrollment in the dissertation writing course ( -99 W ) is
required. More information about international study and research is available from Texas Global.

## In Absentia Registration

Students must be registered for the semester in which they graduate and must apply for graduation by the deadline published in the academic calendar. A student who fails to complete all degree requirements or misses the deadline for acceptance of the thesis, report, recital, dissertation, or treatise must register and pay tuition the following semester or summer session in order to receive the degree.

An exception is made for students who apply to graduate in the summer session but miss the deadline for acceptance of the thesis, report, recital, dissertation, or treatise. In this case, the student will be registered in absentia for the fall semester, only for the purpose of receiving the degree, by degree evaluators in the Office of Graduate Studies. The thesis, report, recital, dissertation, or treatise must be accepted by the deadline for in absentia registration, which falls before the beginning of the following fall semester. Additional exceptions may be granted by the graduate dean under unusual administrative circumstances. The student will be registered in absentia only once.

## Adding and Dropping Courses

Before classes begin, students who have registered may add or drop a course online as described in the Course Schedule. Students may also add or drop a course online during the first four class days of a longsession semester. From the fifth through the twelfth class day, they may add or drop a course with the approval of their graduate advisor and of the department in which the course is given. After the twelfth class day, a student may add a course only under rare and extenuating circumstances approved by the graduate dean.

In each summer-session term, students may add or drop a course online during the first two class days. On the third and fourth class days, they may add or drop a course with the approval of their graduate advisor and of the department in which the course is given. After the fourth class day, a student may add a course only under rare and extenuating circumstances approved by the graduate dean.

Students may drop a course with the required approvals through the last class day of a semester or summer term. They receive a refund for courses dropped by the twelfth class day of a long-session semester or by the fourth class day of a summer term. From the thirteenth through the twentieth class day of a long-session semester, and from the fifth through the tenth class day of a summer term, students may drop a course with no academic penalty; the symbol $Q$ is recorded. If a student drops a course after that time, the instructor determines whether the symbol Q or a grade of $F$ should be recorded.

If a student is in a warning status because of failure to maintain a grade point average of at least 3.00 , the student may not drop a course without the recommendation of the graduate advisor and the approval of the graduate dean.

Students should note that dropping a course may cause their course load to drop below that required for full-time status.

Specific deadlines for adding and dropping courses are given in the academic calendar; procedures are given in the Course Schedule.

## Evaluation

Letter grades and the symbols for credit and no credit, $C R$ and $N C$, are most commonly used to record the instructor's evaluation of students' performance in a course. Under specific conditions, other symbols may
be used to record students' standing in a class. Grades and symbols and the policies governing them are described in General Information.

## Withdrawal from the University

Dropping an entire course load constitutes withdrawal from the University for that semester.

To withdraw from the Graduate School, a student must file with the graduate dean a withdrawal petition, a form that also explains refund policies. The student may withdraw through the last class day of the semester. If the student abandons their courses without withdrawing, the instructor in each class determines what grade should be recorded.

Students in a warning status because of failure to maintain a grade point average of at least 3.00 may not withdraw without a petition from the graduate advisor and the approval of the graduate dean.

Students may not be employed in an academic position beyond the last date of their enrollment. Students must end their academic appointments prior to withdrawing.

## Degree Requirements

The general requirements for graduate degrees are given in this chapter. Specific requirements and course descriptions for each graduate program are given in Areas of Study (p. 27). Detailed information about each degree program is available from the graduate advisor and the graduate coordinator for that program.

## Limitation for Faculty

No tenured member of the faculty of The University of Texas at Austin may pursue an advanced degree at this institution.

## Grade Point Average

The graduate grade point average is calculated by the registrar and appears on the student's official record maintained by the registrar. To graduate, all graduate students must have a graduate grade point average of at least 3.00 . Additionally, candidates for the master's degree must also have a grade point average of at least 3.00 in courses included on the Program of Work. Individual Graduate Studies Committees may set grade point average requirements of 3.00 or higher for all or a portion of their students' coursework.

Additional information about grades, symbols, and the graduate grade point average is given in General Information.

## Graduate Credit

Only the courses that appear on the student's Program of Work are counted toward the degree. The following policies govern the inclusion of courses on the Program of Work.

## Courses Taken in Residence

Courses completed with a letter grade. Courses in which the student earned a grade of at least $C$ while registered in the Graduate School may be included in the Program of Work, although some programs may restrict the use of such courses.

Courses completed on the credit/no credit basis. Graduate programs may allow up to 20 percent of the hours on the Program of Work for a master's degree to be taken on the credit/no credit basis, and no more than a comparable portion of the Program of Work for the doctoral degree. Thesis, master's report, master's recital, dissertation, and treatise
courses, which are offered only on the credit/no credit basis, are not included in the 20 percent. More information about credit/no credit grading is given in General Information.

Courses with incomplete grades. Courses for which the symbol $X$ (incomplete) or I (permanent incomplete) is recorded may not be included on the Program of Work. More information about incomplete grades is given in General Information.

## Transfer of Credit

Ordinarily, all work for the master's degree must be done at The University of Texas at Austin. Under some circumstances, a maximum of six semester hours of graduate coursework in which the grade is $A$ or $B$ may be transferred to the Program of Work from another institution, but only on the basis of a petition by the Graduate Studies Committee and with the approval of the graduate dean. (In the School of Nursing, a higher number of hours may be transferred in some degree programs.) A student seeking a transfer of credit must provide the Graduate School with an official transcript and an official explanation of the course numbering and grading systems at the school at which the credit was earned. Only graduate courses may be transferred. Work counted toward a degree at another institution cannot be transferred. Students are encouraged to seek approval before taking any coursework they plan to transfer. Students should not take courses at another institution during the semester they plan to graduate because the grades may not be received in time to certify the student's Program of Work for graduation. Unless its inclusion has been approved by the graduate dean, no coursework listed on the Program of Work may be over six years old.

The doctoral Program of Work normally includes no more than six semester hours of courses transferred from another university. The Graduate School recognizes that the academic background of each doctoral student is different, and exceptions to the six-hour maximum may be granted with approval of the Graduate Studies Committee.

Transferred coursework as described in this section appears only on the student's Program of Work. It does not appear on the official student record maintained by the registrar. Because it is not part of the official record, such coursework does not appear on the student's transcript and is not included in either the graduate grade point average or the Program of Work grade point average.

## Extension Credit

Up to six semester hours of work done in extension classes through the University Extension Office may be listed on the Program of Work, with the approval of the Graduate Studies Committee and the graduate dean. The extension credit must be in graduate courses; the courses and instructors must be approved in advance by the Graduate School and by the program in which the student would otherwise take the work on campus; and the student must be admitted to the Graduate School before taking the extension courses. Because students must be registered at the University in the semester in which they graduate, they cannot be registered solely for extension courses in their final semester.

All grades in graduate courses taken through Continuing and Innovative Education are included in the graduate grade point average.

## Correspondence Credit

Courses taken by correspondence may not be counted toward graduate degrees.

## Credit by Examination

Credit by examination may not be counted toward graduate degrees.

## Enrollment of Undergraduates in Graduate Courses

## Graduate Work for Undergraduate Credit

An undergraduate may enroll in a graduate course under the following conditions:

1. The student must be an upper-division student and must fulfill the prerequisite for the course (except graduate standing).
2. The student must have a University grade point average of at least 3.00 .
3. The student must receive the consent of the instructor of the course and of the graduate advisor for the field in which the course is offered. Some colleges and schools may also require the approval of the dean's office. Individual divisions may impose additional requirements or bar undergraduates from enrolling in graduate courses.
4. Students in most colleges must have their dean's approval before they register for a graduate course.

Undergraduate students may not enroll in graduate courses that have fewer than five graduate students enrolled.

A graduate course taken by an undergraduate is counted toward the student's bachelor's degree in the same way that upper-division courses are counted, unless the course is reserved for graduate credit as described in the next section. Courses reserved for graduate credit may not also be used to fulfill the requirements of an undergraduate degree.

An undergraduate student enrolled in a graduate course is subject to all University regulations affecting undergraduates.

## Reservation of Work for Graduate Credit

Under the following conditions, a degree-seeking undergraduate may enroll in a graduate course and reserve that course for credit toward a graduate degree:

1. The student must have a University grade point average of at least 3.00 .
2. The student must have completed at least 90 semester hours of coursework toward an undergraduate degree.
3. The student may not register for more than 15 semester hours in the semester or for more than 12 semester hours in the summer session in which the course is reserved.
4. No more than 12 semester hours may be reserved for graduate credit.
5. All courses reserved for graduate credit must be approved by the twelfth class day of the semester or the fourth class day of the summer session by the course instructor, the student's undergraduate advisor, the graduate advisor in the student's proposed graduate major area, the dean of the student's undergraduate college, and the graduate dean. A form for this purpose is available on the Graduate School website.

An undergraduate student enrolled in a graduate course is subject to all University regulations affecting undergraduates.

A student who reserves courses for graduate credit must be admitted to a University graduate program through regular channels before the credit may be applied toward a graduate degree. By allowing a student to earn graduate credit while still an undergraduate, the University makes no guarantee of the student's admissibility to any graduate program.

A course reserved for credit may be listed on the student's Program of Work for the master's or doctoral degree. Because it was taken
before the student entered the Graduate School, it is not included in the graduate grade point average.

## Use of the Course 398T on the Program of Work

With the consent of their Graduate Studies Committee, students may include the college teaching methodology course, numbered 398T, on the Program of Work. Master's degree students may include up to three semester hours. Doctoral degree students may include up to six semester hours, if they complete both introductory and advanced teaching methodology courses.

## Courses Counted toward Another Degree

No course counted toward another degree may be counted toward a master's degree, either directly or by substitution.

Work done for the master's degree may be included in the work for the doctoral degree, provided it is acceptable to the Graduate Studies Committee, the supervising committee, and the graduate dean and provided it has not already been used toward another doctoral degree.

Students in a dual degree program must meet the course requirements for both degrees. Courses common to the two curricula in a dual degree program are included on the Program of Work for one of the degrees and are waived by the other degree program as specified in the dual degree program requirements. The Program of Work on which courses are waived must meet the Graduate School's minimum-credit-hour requirements for the degree. A list of approved dual degree programs is given on the Dual Degree Programs (p.10) page.

## Continuous Registration

Degree-seeking graduate students are expected to enroll and pay tuition by the twelfth class day of the fall semester and the spring semester of each academic year until graduation. If the student has been admitted to candidacy for the doctoral degree, registration in the dissertation course or the equivalent or in international study and research (ISR) is required. The only alternative to continuous registration is a leave of absence, discussed in the Leave of Absence section below.

If a student who is not on approved leave fails to register by the twelfth class day, the student may not return to the University without applying for readmission. The student must apply for readmission both to the University and to the graduate program and must pay the general application fee. The application is reviewed by the Graduate Studies Committee, which may choose to readmit the student or to deny readmission.

In order to fulfill the continuous registration requirement, doctoral candidates who are readmitted must retroactively register and pay tuition for all semesters that have elapsed since they were last enrolled.

## Leave of Absence

Graduate students may apply for a leave of absence of no more than two semesters for each degree they pursue. Requests for a leave of absence must be approved in advance by the graduate advisor and the graduate dean. Applications from students who have been admitted to candidacy will be approved by the graduate dean only in rare and unusual circumstances.

A student on approved leave must apply for readmission in order to return to the University, but readmission during the approved period is automatic and the application fee is waived.

A student on leave may not use any University facilities; nor is a student entitled to receive advice from any member of the faculty. A leave of absence does not alter the time limits for degrees or coursework.

## Application to Another Graduate Major (Change of Major)

To change their major, students must submit the form Application for Admission to Another Graduate Major to the Graduate School Graduate and International Admissions Center (GIAC). The application must be approved by the graduate advisor in the new program. Students should consult the graduate advisor for the proposed new major about deadlines and additional requirements, procedures, and materials.

If the student has been away from the University for a semester or longer, they must apply for readmission as described on the Readmission page (p. 19).

## Warning Status, Academic Dismissal, and Termination

To continue in the Graduate School beyond the first semester or summer session, the student must make satisfactory progress in fulfilling any admission conditions that were imposed, meet any requirements made in writing by the Graduate Studies Committee, maintain a graduate grade point average of at least 3.00, and receive the approval of the Graduate Studies Committee.

Program requirements are provided by the Graduate Studies Committee in the program's student handbook. Requirements may be changed from one student handbook to the next. The student is normally bound by the requirements of the handbook in force at the time of their first registration in the program; the student may choose, however, to fulfill the requirements of a subsequent handbook. If the student does not fulfill handbook requirements within six years of their first enrollment in the program, they are then bound by the requirements of a subsequent handbook. The student may choose the handbook in effect in any year in which they are enrolled in the program, within the six year limit.

On an annual basis, Graduate Studies Committees are responsible for evaluating the students in their programs to ensure that they are making satisfactory progress toward a degree. The results of each review will be communicated to the student in writing. If the Graduate Studies Committee finds that a student is not making satisfactory progress, it may recommend to the graduate dean that the student's program be terminated.

Graduate students whose cumulative graduate grade point average falls below 3.00 at the end of any semester or summer session will be warned by the Office of Graduate Studies that their continuance in the Graduate School is in jeopardy. The students must attain a cumulative graduate grade point average of at least 3.00 during the next semester or summer session they are enrolled or be subject to dismissal; during this period, they may not drop a course or withdraw from the University without the approval of the graduate advisor and the graduate dean.

A graduate student who has been dismissed may be readmitted for further graduate study only by petition of the Graduate Studies Committee in the student's major area or by the Graduate Studies Committee of another program that will accept the student. The petition must be approved by the graduate dean.

Warning status and academic dismissal are reflected on the student's academic record.

Additional information about grades and the grade point average is given in General Information.

## Time Limits

## Master's Degree

All requirements for a master's degree must be completed within one six-year period. Work over six years old may be reinstated only with the permission of the graduate dean, upon recommendation of the Graduate Studies Committee. The Graduate Studies Committee will review the program of every student yearly; the results of this review will be provided to the student in writing.

## Doctoral Degree

All completed work that is included in a doctoral student's degree program at the time of admission to candidacy must have been taken within the previous six years (exclusive of a maximum of three years of United States military service). Work over six years old may be reinstated upon recommendation of the Graduate Studies Committee. The Graduate Studies Committee will review the program of every student yearly; the results of this review will be provided to the student in writing. At those times, the committee may recommend additional coursework, further examinations, or termination of candidacy. In addition, the program is subject to review by the graduate dean.

## The Master's Degree

The following general requirements for the master's degree set a minimum standard. With the approval of the graduate dean, specific programs may impose additional requirements.

## Prerequisites

Every master's degree program assumes that participants have a general college education through the baccalaureate level. Accordingly, to enter a master's degree program a student must hold a baccalaureate degree from a regionally accredited United States institution or proof of equivalent training outside the United States. The student must also have taken at least 12 semester hours of upper-division undergraduate coursework in the area of the proposed graduate major or must have the consent of the graduate dean. Some areas may require more undergraduate preparation. Students who lack adequate preparation may be admitted to a graduate program on the condition that they complete additional preparatory coursework designated by the graduate advisor. These courses are in addition to the 30 semester hours or more required for the master's degree itself.

## Options

The Graduate School recognizes four options under which a student may pursue the master's degree: with thesis, with report, with recital, and without thesis, report, or recital. All four options may not be available in any one field of study; information about the options that are possible is available under Areas of Study (p. 27) or from the student's graduate advisor.

For each option, the Graduate School requires at least 30 semester hours of credit. Individual programs may have higher requirements. No more than nine semester hours of upper-division coursework may be included on the Program of Work, and no more than six of these hours may be in the major area. In some degree programs and options, the number of upper-division hours allowed is lower.

At least 18 semester hours must be in the major area; the thesis, report, or recital course, if part of the program, must be in the major. At least six
hours must be in supporting work. Supporting work, is a required part of each degree program. It consists of coursework outside the major area, although the Graduate Studies Committee may permit some or all of it to be taken in other areas within the program.

The exact number of hours in the major area and in supporting work is determined in consultation with the graduate advisor. The Graduate Studies Committee must then review and approve the Program of Work, made up of the proposed courses in the major area and in supporting work. Courses listed on the Program of Work may not be more than six years old. The student may earn no more than 20 percent of the hours of credit listed on the Program of Work on the credit/no credit basis; thesis, report, and recital courses are not included in the 20 percent.

Master's degree with thesis or report. Each master's thesis or report is developed under the guidance of a supervising committee with two or more members, one of whom is designated as supervisor. The thesis or report is subject to the approval of the committee and ultimately of the graduate dean. The supervisor or co-supervisor must be a member of the Graduate Studies Committee in the major area. In general, all committee members should be members of a Graduate Studies Committee. Occasionally, scholars who hold nonfaculty appointments at the University - research scientists, research engineers, or adjunct faculty members - or off-campus scholars are appointed because their expertise would be valuable to the student. Individuals serving as a member of a thesis, report, dissertation, or treatise committee are generally expected to hold a terminal degree in the field and have an earned degree equivalent to or higher than the degree being pursued by the candidate. An equivalent record of exceptional professional accomplishment within the field may be considered in lieu of the terminal degree requirement. The composition of the committee is subject to the approval of the graduate dean.

The format of the report or thesis may range from the traditional document authored by a single student to a series of unrelated papers and/or journal articles with multiple authorship. Graduate School policy recognizes that approaches to the report or thesis vary across disciplines, and specifies only that the format chosen for students of a master's program be consistent with practices of similar programs in AAU institutions. Reports or theses containing one or more papers or articles must include brief introductions and conclusions that put the work in context and an acknowledgement of any previous publication of each paper in another report, thesis, dissertation, or other venue. In the case of multi-authored papers, students are allowed to include any portion of multi-authored works in their reports or theses only after receiving the approval of all other co-authors. In addition, a statement must be included explaining the contribution of the student to each paper. When papers or articles that have been previously published are included the report or thesis must include permission(s) of the copyright holder(s) for reproduction in the report or thesis. The supervising committee should review the stated contributions and be satisfied that the student's collective contribution to the multiple-authored papers or articles is sufficient to represent a report or thesis.

The thesis or report is normally written in English. Requests for permission to write in another language pertinent to the research will be granted when there are circumstances warranting an exception. An insufficient command of English is not justification for an exception. The petition from the graduate advisor should include assurance that faculty members competent both in the language and in the field are available and willing to serve on the supervising committee. The request must be approved by the graduate dean when the student is admitted to candidacy. The abstract and a substantial summary and conclusions section in English must be submitted with the thesis.

The student must submit the thesis or report in an approved electronic format to the Office of Graduate Studies. Information about format requirements is available from the Office of Graduate Studies. The thesis or report will be retained by the University Libraries and will be made available to the public through the Texas Digital Library. The student may request permission from the graduate dean to temporarily delay making the thesis or report available to the public in order to protect patent or other rights. This request must be supported by a written recommendation from the supervisor. The graduate dean makes the final decision regarding delayed publication.

Master's degree with thesis. Each student's Program of Work must include at least 21 semester hours of graduate courses, including at most six hours of thesis courses. Course 698A (research project) should precede course 698B (writing period); 698A may not be repeated for credit. Both 698A and 698B must be taken on the credit/no credit basis. Students must register for 698B the semester they intend to graduate. In the event that a student completes and submits their Master's thesis while enrolled in 698A, the student will be allowed to add 698B in the same semester in order to graduate. The thesis cannot be accepted before the semester in which the student applies for graduation.

Master's degree with report. Each student's Program of Work must include at least 24 hours of graduate courses, including at most three hours of the report course. Students must register for the master's report course on the credit/no credit basis during the semester that they file for graduation.

Master's degree with recital: Some students seeking the Master of Music complete a recital rather than a thesis. The student completes the two-semester course Music 698RA and 698RB, Master's Recital, rather than a thesis course. The recital is prepared under the direction of a supervisor, who is chair of the supervising committee, and graded by faculty members from the student's performance area. All other policies affecting the master's degree with thesis apply to the master's degree with recital.

Master's degree without thesis, report, or recital. Each student's Program of Work must include at least 24 semester hours of graduate courses. Students must be registered the semester they apply to graduate.

## The Doctor of Philosophy

The Doctor of Philosophy ( PhD ) is a research degree designed to prepare students to discover, integrate, and apply knowledge as well as to communicate and disseminate it. The degree emphasizes development of the capacity to make significant original contributions to knowledge within the context of free inquiry and expression. Students pursuing this degree are expected to develop the ability to understand and to evaluate the literature of their field and to apply appropriate principles and procedures to the recognition, evaluation, interpretation, and understanding of issues at the frontiers of knowledge. In contrast to the PhD, other doctorates such as the Doctor of Education, the Doctor of Audiology, the Doctor of Nursing Practice, and the Doctor of Musical Arts are designed for professional training.

## Course Requirements

The Program of Work for the Doctor of Philosophy degree must have a minimum of 30 semester hours of advanced coursework, including dissertation hours. All the completed coursework that is included in a degree program at the time of admission to candidacy for a doctoral degree must have been taken within the preceding six years (exclusive of a maximum of three years of United States military service). Work over six years old may be reinstated upon recommendation of the Graduate

Studies Committee. All doctoral work is subject to review by the graduate dean.

## Foreign Language Requirement

The Graduate School has no foreign language requirement. However, many graduate programs require the study of one or more languages. These requirements are given in Areas of Study (p. 27) or are available from the graduate advisor.

## Graduate Studies Committee Requirements

The Graduate Studies Committee specifies the coursework the student must complete, the qualifying examinations (written or oral or both) the student must pass, the conditions under which the student may retake all or part of an examination, and the procedures the student must follow in developing a dissertation proposal.

In consultation with the graduate advisor, the student proposes a Dissertation Committee to advise or direct the student on the research and writing of the dissertation. The student selects the chair of the Dissertation Committee, with the consent of that person.

## Admission to Candidacy

Each student seeking the PhD must be admitted to candidacy on the recommendation of the Graduate Studies Committee in the major area. Students may not register for the dissertation course until they are admitted to candidacy, and completion of coursework does not in itself constitute admission. Formal admission to doctoral candidacy consists of the submission and approval of the following:

1. Program of Work. The Program of Work comprises a list of courses taken and proposed, the prospective dissertation title, and similar information. The Graduate Studies Committee must approve the Program of Work. The Dissertation Committee may, in a review of the Program of Work, recommend additional course requirements to the Graduate Studies Committee.
2. Dissertation Committee. The Dissertation Committee advises the student on the research and writing of the dissertation, conducts the final oral examination, and approves the dissertation. The membership of the Dissertation Committee, proposed by the student with the consultation and approval of the graduate advisor, is submitted to the Graduate School for approval by the graduate dean. Individuals serving as a member of a thesis, report, dissertation, or treatise committee are generally expected to hold a terminal degree in the field and have an earned degree equivalent to or higher than the degree being pursued by the candidate. An equivalent record of exceptional professional accomplishment within the field may be considered in lieu of the terminal degree requirement. The committee consists of at least four members. At least three of the committee members, including the student's supervisor or co-supervisor, must be Graduate Studies Committee members in the student's major program, and at least one committee member must be from outside the student's Graduate Studies Committee. The purpose of the outside committee member is to provide an independent assessment of the student's mastery of their subject. The dissertation supervisor or co-supervisor serves as the committee chair. Changes to the Dissertation Committee after admission to candidacy require the approval of the student, current and new committee members, and the Graduate Advisor, with final approval by the Graduate Dean. Exceptions to this process may be granted by petition to the Graduate Dean.
3. Dissertation Proposal. A brief statement of the proposed dissertation must be submitted.

## The Dissertation

The student must register for at least six hours of dissertation courses in order to graduate. A dissertation is required of every candidate.

The format of the dissertation today ranges from the traditional "book" authored by a single student to a series of unrelated papers and/ or journal articles with multiple authorship. Graduate School policy recognizes that approaches to the dissertation vary across disciplines, and specifies only that the format chosen for students of a doctoral program be consistent with practices of similar programs in AAU institutions.

Dissertations containing one or more papers or articles must include brief introductions and conclusions that put the work in context and an acknowledgement of any previous publication of each paper in another dissertation or other venue. In the case of multi-authored papers, dissertators are allowed to include any portion of multi-authored works in their dissertations only after receiving the approval of all other co-authors. In addition, a statement must be included explaining the contribution of the dissertator to each paper. The contribution statement might include, for example, information about the dissertator's contribution to designing research, performing research, contributing new reagents or analytic tools, analyzing data, writing the dissertation or other area-specific classification of research activities. When papers or articles that have been previously published are included, the dissertation must include permission(s) of the copyright holder(s) for reproduction in the dissertation. The supervisor and dissertation committee should review the stated contributions and be satisfied that the dissertator's collective contribution to the multiple-authored papers or articles is sufficient to represent a dissertation.

The dissertation is normally written in English. Requests for permission to write in another language pertinent to the research are granted when there are circumstances warranting an exception. An insufficient command of English is not justification for an exception. The formal petition from the graduate advisor should include assurance that faculty members competent both in the language and in the field are available and willing to serve on the Dissertation Committee. The request must be approved by the graduate dean when the student is admitted to candidacy. The abstract and a substantial summary and conclusions section in English must be submitted with the dissertation.

The dissertation must be approved by the Dissertation Committee.

## Review of Progress

During their first semester all students intending to pursue doctoral study are required to review and sign the Milestones Agreement Form with their program. The purpose of the form is to ensure that the student has been advised of the degree requirements, has been shown a list of major academic milestones for obtaining the PhD degree, and has been provided with an estimate of the timelines for reaching milestones.

The Graduate Studies Committee will review the program of every student yearly; the results of this review will be provided to the student in writing.

## Final Oral Examination (Defense of Dissertation)

A satisfactory final oral examination is required for the approval of a dissertation. The exam is open to all members of the University community and the public, unless attendance is restricted by the

Graduate Studies Committee. Every student has the right to defend their dissertation.

The dissertation, reviewed by the supervisor, should be submitted to each member of the dissertation committee at least four weeks in advance of the date of the defense. At least two weeks before the defense, a written request to hold the final oral examination must be submitted to the Graduate School.

The examination covers the dissertation and the general field of the dissertation and such other parts of the student's program as the committee determines. If the members of the committee are satisfied that the dissertation is a scholarly investigation in the major field which constitutes a contribution to knowledge and that the student has passed the final oral examination, they indicate approval on the Report of Dissertation Committee.

In the event that a committee cannot reach a unanimous decision concerning the dissertation, the matter is referred to the graduate dean for review. The results of the review are communicated to the student, the graduate advisor, the chair of the Graduate Studies Committee, the committee members, and the department chair, if applicable.

## Submission of the Dissertation

After defending the dissertation, the student must submit it in an approved electronic format to the Office of Graduate Studies. The dissertation is retained by the University Libraries. Information about format requirements is available from the Office of Graduate Studies.

Dissertations must be made available to the public. A list of ways of doing this is available from the Office of Graduate Studies. The student may request permission from the graduate dean to temporarily delay making the dissertation available to the public in order to protect patent or other rights. This request must be supported by a written recommendation from the dissertation supervisor. The graduate dean makes the final decision regarding delayed publication.

Students may arrange for registration of copyright, at their own expense, by making arrangements directly with the copyright office at: https:// www.copyright.gov/registration/.

## Approval of the Degree

Upon approval by the Dissertation Committee of the dissertation and its defense, the Graduate Studies Committee certifies that the student has completed all degree requirements, has passed all required examinations, and is entitled to the award of the doctoral degree.

## The Doctor of Education

The Doctor of Education (EdD) is a professional degree that emphasizes preparation for the highest levels of educational practice. It provides academic training and educational service experiences for individuals who will have leading roles in educational practice and who will help define the scope and functions of education in society. Programs are oriented toward the application of theory and research to issues of education and human development and to the development of skilled practitioners to fill a variety of roles in institutions that educate children, youth, and adults.

Students in educational leadership and policy complete a treatise; those pursuing the EdD in other fields complete a dissertation. Most policies affecting the EdD are similar to those described for the Doctor of Philosophy (PhD) (p. 24), such as the requirement for a minimum of 30 semester hours of advanced coursework, including dissertation or
treatise hours. Additional policies on admission to the program and to candidacy are given below.

## Admission

In addition to the requirements for admission to the Graduate School, each department may require evidence of successful performance in an educational setting and evidence of interpersonal problem-solving skills and other skills useful for predicting success in professional educational roles. The applicant must hold a master's degree from a regionally accredited United States institution or the equivalent.

## Admission to Candidacy

In addition to the requirements listed for the PhD degree, the curriculum must have a clear and predominantly applied focus. The student's program normally entails an internship in an operational setting that is distinct from previous or concurrent work experience.

In addition to the requirements listed for the PhD degree in regard to the Dissertation Committee, at least one member of the committee must be from outside the major program or from the field of practice represented by the dissertation.

## The Doctor of Audiology

The Doctor of Audiology provides academic and clinical training for those who plan to enter the profession of audiology. The degree program involves preparation for the diagnosis and nonmedical treatment of hearing and balance disorders; it is designed to prepare audiologists to meet the standards for Texas state licensure in audiology.

The program requires a minimum of 99 semester hours of coursework and is designed to be completed in four years. All preprofessional students in audiology complete the same set of core courses and basic clinical practicum. Students may choose from a set of electives based on their specific interests. Research experiences are part of the curriculum, but a dissertation is not required.

The Graduate Studies Committee in speech, language, and hearing sciences oversees the AuD degree program. More information about the program is available from the graduate advisor in speech, language, and hearing sciences.

## The Doctor of Musical Arts

The Doctor of Musical Arts (DMA) degree allows for three majors: performance (including conducting, opera, collaborative piano, and voice pedagogy emphases), composition, and music and human learning (including conducting and piano pedagogy emphases). Most policies affecting the DMA are similar to those described for the Doctor of Philosophy (PhD) (p. 24), such as the requirement for a minimum of 30 semester hours of advanced coursework, including treatise hours. Candidates for this degree must pass a comprehensive examination. They must demonstrate outstanding professional competence, artistic maturity, and exceptional knowledge of the historical and practical aspects of their major field. Each candidate must prepare a scholarly treatise in a field appropriate to the major or complete the alternative requirements of the nontreatise degree option. For composition majors, a musical work replaces the treatise. A jazz emphasis is available in each of the three majors.

Further information about requirements in various areas of concentration is available from the graduate advisor.

## Graduation

The University holds commencement exercises at the end of the spring semester. Those who graduate in the preceding summer session or fall semester are eligible to attend along with those who graduate in the spring semester. In addition, the Graduate School holds a Convocation at the end of the spring semester at which master's and doctoral degree candidates are individually recognized.

## Graduation under a Particular Catalog

Degree requirements may be changed from one catalog to the next. Students are normally bound by the requirements of the catalog in force at the time of their first registration; a student may choose, however, to fulfill the requirements of a subsequent catalog. If students do not fulfill the requirements within six years of their first enrollment in the Graduate School, they are then bound by the requirements of a subsequent catalog. Students may choose the catalog in effect in any year in which they are enrolled in the Graduate School, within the six-year limit.

## Procedures of Graduation

Candidates for Master of Business Administration and Master in Professional Accounting degrees should consult advisors in their program for graduation procedures. All other degree candidates must follow the procedures below. More information -- including detailed guidelines, deadlines, and forms -- is available from the Office of Graduate Studies.

## Master's Degree Candidates

Must:

1. Be registered in the Graduate School in the semester or summer session in which they plan to graduate.
2. Submit the online Master's Graduation Application, Program of Work, and post-graduation employment information via the Graduate School website by the published deadline; if their graduation is postponed, they must submit a new online Master's Graduation Application in their subsequent semester of graduation.

Those pursuing a master's degree under with thesis or report option must also:

1. Have completed the Intellectual Property (Copyright) Tutorial. If candidates' research involves human subjects, they must have provided evidence of ethical review by the departmental review committee and, if appropriate, by the University Institutional Review Board. The Institutional Review Board form should be attached to the Statement of Research with Human Participants form.
2. Submit the thesis or report to the supervising committee by the deadline the committee establishes.
3. Upload the final thesis or report in electronic format to the submission site by the published deadline.
4. Submit the signed Master's Supervising Committee Approval form and all other required forms associated with degree certification to the Office of Graduate Studies by the published deadline.

## Doctoral Degree Candidates

## Must

1. Be registered in the Graduate School in the semester or summer session in which they plan to graduate.
2. Have completed the Intellectual Property (Copyright) Tutorial. If the candidates' research involves human subjects, they must have
provided evidence of ethical review by the departmental review committee and, if appropriate, by the University Institutional Review Board. The Institutional Review Board form should be attached to the Statement of Research with Human Participants form.
3. Submit the online Doctoral Graduation Application via the Graduate School website by the published deadline; if their graduation is postponed, they must submit a new online Doctoral Graduation Application in their subsequent semester of graduation.
4. Provide each member of the Dissertation/Treatise Committee with a copy of the dissertation or treatise by the deadline the committee establishes.
5. Schedule the final oral examination with the Office of Graduate Studies.
6. Pass the final oral examination.
7. Upload the final dissertation in electronic format to the submission site by the published deadline.
8. Submit the signed Report of Dissertation Committee form and all other required forms and fees associated with degree certification to the Office of Graduate Studies by the published deadline.

## Other Components of the University of Texas System

For information about graduate programs and courses at the following components of The University of Texas System, consult their current catalogs.

The University of Texas at Arlington
The University of Texas at Dallas
The University of Texas at El Paso
The University of Texas Permian Basin
The University of Texas Rio Grande Valley
The University of Texas at San Antonio
The University of Texas at Tyler
The University of Texas Southwestern Medical Center
The University of Texas Medical Branch at Galveston
The University of Texas Health Science Center at Houston
The University of Texas Health Science Center at San Antonio
The University of Texas M. D. Anderson Cancer Center

## Areas of Study

- Architecture (p. 28)
- Business (p. 38)
- Communication (p. 50)
- Education (p. 57)
- Engineering (p. 69)
- Fine Arts (p. 94)
- Geosciences (p. 101)
- Information (p. 104)
- Liberal Arts (p. 108)
- Natural Sciences (p. 146)
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- English As A Second Language (p. 180)


## School of Architecture

## For More Information

Campus address: Sutton Hall (SUT) 2.130, phone (512) 471-2398, fax
(512) 471-0716; campus mail code: B7500

Mailing address: The University of Texas at Austin, School of Architecture, 310 Inner Campus Drive Stop B7500, Austin TX 78712-1009

E-mail: soa_grad@austin.utexas.edu
URL: http://soa.utexas.edu/

## Facilities for Graduate Work

The School of Architecture is housed in four adjacent buildings at the heart of the campus: Battle Hall (1911) and Sutton Hall (1918, renovated in 1982), designed by the American architect Cass Gilbert; Goldsmith Hall (1933, expanded and renovated in 1988), designed by the French architect Paul Philippe Cret; and the West Mall Office Building (1961) by the Texas firm Jessen, Jessen, Millhouse, and Greeven.

The Architecture and Planning Library, a branch of The University of Texas Libraries, supports the School of Architecture by directly enhancing the value, relevance, and effectiveness of its teaching, research, and public service goals. The library, located in historic Battle Hall, also serves the public with ongoing exhibitions displayed in the grand reading room.

All students, faculty, and staff have convenient access to literature, information, and visual and digital resources that support education and research. While the library is located in close proximity to the school, its catalog, instructional guides, and digital content are web-based, allowing virtual discovery and access via the Internet. Staff provide expert information services that teach and develop research, as well as evaluative and critical thinking skills necessary for professional practice and lifelong learning. The Architecture and Planning Library is home to a large circulating collection, subject-specific journals, special collections of rare or unique publications, and the Alexander Architectural Archives, one of the largest such repositories in the country. Materials currently collected by the library and archive meet the curricular needs of the school's programs and enable faculty and graduate students to undertake original research projects.

The Center for Sustainable Development, located in West Mall Building, supports sponsored research undertaken by the School of Architecture. The center is unique in its integration of diverse interests to develop creative, balanced, and achievable solutions to the physical and social challenges facing the planning, construction, and preservation of
buildings, neighborhoods, landscapes, and regions. Its offices include space for Graduate Research Assistants (GRAs) to work on projects.

The Center for American Architecture and Design, located in Battle Hall, supports scholarship and criticism on architecture and related professional disciplines through lectures, exhibitions, seminars, and symposia. Regular scholarly publications of the center include CENTER and Centerline book series.

Comparative Mobility for Competitive Megaregions, located in West Mall Building, leads a consortium of universities to provide research that supports legal and analytical frameworks for megaregion transportation planning. It is a United States Department of Transportation Tier 1 University Transportation Center.

The Technology Lab and Service Desk, located in Sutton Hall, supports a variety of services for teaching and research including access to scanning, printing, and plotting systems. In addition, students can check out digital cameras, digital video cameras, laptops, projectors, light meters, and other digital resources. The Service Desk provides assistance with advanced design and analysis applications. The Digital Fabrication Lab provides access to a variety of digital fabrication tools for 3D scanning, 3D printing, laser cutting, and CNC routing. The related Robotics Lab provides access and support to students and faculty who wish to pursue advanced digital workflows that produce physical results. The Lighting Studio provides an area with photographic backdrops and controlled lighting to photograph architectural models and other objects. The Virtual Reality Lab supports dedicated hardware and software for immersive representations. The computer classrooms in the West Mall Building provide 56 dedicated workstations that serve as open computer lab space when not in use for classroom instruction.

The Build Lab/Wood Shop, located in Goldsmith Hall, plays an integral role in the creation of design-ranging from models to full-scale applications-by providing equipment and training, primarily in wood, but also in metal, plastic, and glass.

The Thermal Lab, a testing facility of the Center for Sustainable Development, allows experimentation of building façade treatments with respect to direct and indirect use of energy.

The Materials Lab, located in West Mall Building, is dedicated to material investigation in design and maintains a circulating library of material samples. The collection consists of traditional building construction materials as well as emerging, innovative, and sustainable materials and technologies. Material education is further supported through exhibitions, workshops, field trips, and in-house research.

The Architectural Conservation Lab, located in West Mall Building, is home to the Materials Conservation course series. Additionally, the space allows the Historic Preservation Program to establish affiliations with related facilities on the University campus, including the School of Information Book and Paper Conservation Labs and the Conservation Department at the Harry Ransom Center.

A variety of other facilities support students in their coursework and professional development. The school's Career Services Center, located in Sutton Hall, assists students with finding internships, identifying employment prospects, and preparing for interviews and negotiations with potential employers. The Professional Residency Program (PRP) offers upper-level architecture students a unique opportunity to expand their education through work experience in the architectural profession. PRP has provided internship opportunities to honors students in the School since 1974 and, over the past 25 years, our students have been linked with 300 firms in 30 countries.

The Lady Bird Johnson Wildflower Center, located south of the main campus, conducts applied research on sustainable landscapes and ecosystem services, develops comprehensive educational materials, and consults on landscape development projects of all sizes to capitalize on the ability of sustainable landscapes to improve communities. The site consists of 284 acres, including nine acres of cultivated gardens.

The study of architecture, landscape architecture, and interior design draws upon the collections of the nearby Harry Ransom Center, which include china, clothing, decorative arts, furniture, silver, and textiles that contribute to the study of the interior; as well as original maps, texts, and drawings that supplement the teaching of landscape history. Historic rooms and suites on campus include the Willoughby-Blake Room, the John Foster and Janet Dulles Suite, the Republic of Texas Suite, the Office of the President, and the Esther Hoblitzelle Parlor. Other collections on campus include the 15,000 pieces of art, furniture, and accessories in the Elton and Martha Hyder collection and the collection of approximately forty chairs dating from the seventeenth through twentieth centuries that are housed in the Blanton Museum of Art.

The resources of the Teresa Lozano Long Institute of Latin American Studies and the Benson Latin American Collection, and the proximity of Austin to Latin America, provide exceptional opportunities for the study of Latin American architecture and planning. School of Architecture faculty and students also collaborate with the Environmental Science Institute, the School of Social Work, the Center for Transportation Research, the Population Research Center, the Center for Research in Water Resources, the Bureau of Economic Geology, the Energy Institute, and other allied institutes.

## Areas of Study

The School of Architecture offers graduate degree programs in Architecture, Community and Regional Planning, Interior Design, Landscape Architecture, and Urban Design.

## Graduate Certificate in Latin American Architecture

The School of Architecture administers a graduate certificate program in Latin American Architecture. The certificate program is open to current degree-seeking design students in the School of Architecture and requires completion of a total of 24 hours of graduate coursework, including 15 hours of required courses and nine hours of prescribed electives. The graduate certificate will only be awarded at the time of degree conferral. Admission requirements and details on the certificate program are available on the School of Architecture website.

## Architecture

Master of Architecture<br>Master of Advanced Architectural Design Master of Arts Master of Science in Historic Preservation<br>Master of Science in Sustainable Design<br>Doctor of Philosophy

## Accreditation

In the United States, most registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may
be granted an eight-year, three-year, or two-year term of accreditation, depending on the extent of its conformance with established educational standards.

Doctor of Architecture and Master of Architecture degree programs may require a preprofessional undergraduate degree in architecture for admission. However, the preprofessional degree is not, by itself, recognized as an accredited degree.

The University of Texas at Austin School of Architecture offers the following NAAB-accredited degree programs:
B. Arch. (161 Undergraduate credits)
M. Arch. (preprofessional degree +60 credits)
M. Arch. (non-preprofessional degree +96 credits)

Next accreditation visit for all programs: 2026

## Areas of Study <br> Master's Degrees

The School of Architecture offers master's degree programs that lead to professional, postprofessional, and academic degrees.

Master of Architecture. The MArch degree program fulfills the professional degree requirements for registration as an architect. The MArch is a STEM Designated Degree Program, as identified by the Department of Homeland Security for the purposes of the 24 -month STEM optional practical training extension.

Master of Advanced Architectural Design. The MAAD degree program offers students with professional degrees in architecture the opportunity for advanced study in an area of concentration. The MAAD degree is not an NAAB accredited degree and does not fulfill the professional degree requirements for registration as an architect. The MAAD is a STEM Designated Degree Program, as identified by the Department of Homeland Security for purposes of the 24-month STEM optional practical training extension.

Master of Arts. The MA is an academic degree with a concentration in architectural history. It is a prerequisite for doctoral work in architectural history.

Master of Science in Historic Preservation. The MSHP is an academic degree that prepares students for practice or doctoral study in historic preservation.

Master of Science in Sustainable Design. The MSSD is an academic degree that prepares students for doctoral study, practice-based research, work in public policy, or activism. The MSSD is a STEM Designated Degree Program, as identified by the Department of Homeland Security for purposes of the 24 -month STEM optional practical training extension.

## Doctor of Philosophy

The Doctor of Philosophy is an academic degree with concentrations in the history of architecture and landscape architecture, historic preservation, and sustainability. It provides students holding an appropriate master's degree with a rigorous program of study intended to prepare them to conduct research and teach in these disciplines.

The concentration in the history of architecture and landscape architecture places special emphasis on understanding buildings or landscapes and their designers within their historical contexts as complex and interconnected wholes that include aspects of aesthetics, tectonics, function, culture, and meaning. The student's program of study may address the history of architectural theory; the history of design; the history of interior design; the history of urban design, settlements, or
cities; the history of building technology; and the history of landscape design.

The concentration in historic preservation embraces multi-disciplinary and culturally diverse approaches to the conservation of historic resources. The student's program may address preservation planning and development; issues in the theory, history, and practice of the conservation of buildings, interiors, landscapes and neighborhoods; preservation-based strategies of sustainable development; and innovative methodologies for preservation practice.

The concentration in sustainability is practical, technical, and philosophical in scope and integrates three areas of inquiry related to the built environment: biophysical systems, building systems, and political systems. The study of biophysical systems relies upon the disciplines of natural and urban ecological sciences as they relate to architecture. The study of building systems includes investigating component technologies necessary to construct environmentally responsive architecture. The study of political systems situates the biophysical and building systems within the social and political contexts of architectural practice.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Michelle Addington
Dean J Almy
Kevin S Alter
Michael L Benedikt
Miroslava Benes
Kory Bieg
Danelle Irene Briscoe
Ulrich C Dangel
Elizabeth A Danze
Tara A Dudley
Matt Fajkus
Nerea Feliz Arrizabalaga
Juliana Felkner
Michael L Garrison
Francisco Henning Gomes
David D Heymann
Michael Holleran
Benjamin Ibarra Sevilla

Aleksandra Jaeschke<br>Daniel Koehler<br>Fernando Luiz Lara<br>Katherine E Lieberknecht<br>Christopher A Long<br>Sarah L Lopez<br>S Milovanovic-Bertram<br>Juan Miro<br>Bryan E Norwood<br>Michael Oden<br>Clay D Odom<br>Allan W Shearer<br>Igor P Siddiqui<br>Vincent L Snyder<br>Lawrence W Speck<br>Danilo F Udovicki<br>Wilfried Wang<br>Nichole Wiedemann

## Admission Requirements

Upon admission to the program, students must pay a nonrefundable enrollment deposit to indicate that they accept the offer of admission. The deposit is applied to the payment of tuition when the student enrolls. The deposit is also required of students admitted to dual degree programs.

Master of Architecture. This degree program is open to qualified applicants who hold baccalaureate degrees in any discipline, including pre-architecture. Prerequisites include one semester of college-level calculus and one semester of college-level physics for non-technical majors (non-calculus based).

Master of Advanced Architectural Design. This degree program is open to qualified applicants who hold a professional five-year baccalaureate degree in architecture from an NAAB accredited school, a Master of Architecture from an NAAB accredited school, or its international equivalent. The MAAD degree is not an NAAB accredited degree.

International students interested in pursuing licensure in the United States should instead apply to the Master of Architecture degree.

Master of Arts. This degree program in architectural history is open to qualified applicants who hold baccalaureate degrees in any discipline. Prerequisites include nine hours of architectural history or a related spatial discipline. This may include courses in art history, history, geography, planning, or related subjects.

Master of Science in Historic Preservation. This degree program is open to qualified applicants who hold baccalaureate degrees in any discipline. Prerequisites include at least one three-semester-hour course in history (art, architecture, etc.). Students with experience in the field of historic preservation are preferred. This experience may be satisfied by coursework or by evidence of previous fieldwork or professional work.

Master of Science in Sustainable Design. This degree program is open to qualified applicants who hold baccalaureate degrees in any discipline

Doctor of Philosophy. Students who enter the doctoral degree program must hold a master's degree or the equivalent in a discipline relevant to their area of concentration and must demonstrate the ability to excel in doctoral work. Admission decisions are made by the doctoral subcommittee of the Architecture Graduate Studies Committee.

## Degree Requirements, Architecture

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Architecture

The Master of Architecture is an accredited first professional degree, with graduate professional courses designed to prepare the student for advanced work in architecture and to apply for registration with the National Council of Architectural Registration Boards (NCARB) as an architect in the United States. Students are admitted into the three-year 96 -hour program or the two-year 60-hour Advanced Standing program on the basis of the student's previous college work as shown by transcripts, the portfolio, the statement of intent, and references. For students entering with a professional degree in architecture (B.Arch.), a minimum of 48 hours of prescribed coursework is required. Before progressing into the advanced architectural design sequence, all Master of Architecture professional degree candidates must demonstrate proficiency in design and communication through a qualifying portfolio review conducted by the faculty.

Students may earn stackable graduate certificates or graduate certificates by completing the relevant sequence of courses. More information is available from the graduate advisor.

## Master of Advanced Architectural Design

For students entering with a professional degree in architecture, the Master of Advanced Architectural Design is a postprofessional degree. It requires 36 hours of graduate work, including a final six hours of master's design study or a terminal design studio. Before progressing to their final project, all Master of Advanced Architectural Design students participate in a portfolio review conducted by the faculty.

Students may earn stackable graduate certificates or graduate certificates by completing the relevant sequence of courses. More information is available from the graduate advisor.

## Master of Arts

The degree program consists of at least 30 semester hours of coursework, including a thesis. An individual plan of study is defined for each student by the program coordinator.

## Master of Science in Historic Preservation

The degree program consists of at least 48 semester hours of coursework, including a thesis, professional report, or coursework-only option. An individual plan of study is defined for each student by the faculty advising contact.

## Master of Science in Sustainable Design

The degree program consists of at least 42 semester hours of work and includes a thesis. Up to 24 semester hours of coursework may be chosen in the student's area of concentration. An individual plan of study is defined by each student in conjunction with the faculty advising contact.

## Doctor of Philosophy

The doctoral subcommittee of the Architecture Graduate Studies Committee determines course requirements, prescribes qualifying examinations, and approves dissertation topics. The degree plan requires a minimum of 30 semester hours. These include 21 semester hours of seminars, independent research, and reading courses leading to the qualifying examination. Nine of these hours must satisfy the program's core requirements, as specified by the doctoral subcommittee (credit may be awarded for core courses taken as part of a School of Architecture master's program). After passing the qualifying examination, the student registers for a three-semester-hour dissertation colloquium to develop a dissertation topic. Continuous registration is required through the writing, oral defense, revision, and final acceptance of the dissertation. All tracks require experience in design, which may be gained through design studio coursework or professional practice, reading proficiency in two foreign languages, and/or proficiency in qualitative or quantitative analysis as determined by the doctoral subcommittee.

## Dual Degree Programs

The following dual degree programs are offered within the School of Architecture. More information is available from the graduate advisor in each program.

For the Master of Science in Sustainable Design:

| Major(s) | Degree(s) |
| :--- | :--- |
| Community and Regional Planning | Master of Science |
|  | in Community and |
|  | Regional Planning |

## Stackable Certificate Programs, Architecture

Stackable graduate certificates are available to degree-seeking and non-degree-seeking graduate students. Some stackable certificates may be awarded following completion of program requirements, while others require simultaneous awarding of the graduate certificate and a graduate degree.

See the Stackable Certificates section (p. 14) of this catalog for additional information and policies related to stackable certificates.

The graduate program for this catalog section offers the following stackable certificate programs. To see a full list of graduate certificates
offered at the University, please see the Graduate Study (p. 8) section of the Graduate Catalog.

## Architecture: Building Technology

The Architecture: Building Technology stackable graduate certificate is designed for students interested in the role of building technology within the design process. Students who pursue this certificate will focus on systems integration, structural design, construction materials and processes, and issues of sustainable design. The stackable graduate certificate is open to any University of Texas at Austin degree-seeking graduate student and requires three courses (nine credit hours). All courses required for the stackable graduate certificate are offered in a face-to-face format on the UT Austin campus.

| Requirements |
| :--- |
| Nine hours selected from the following:  <br> ARC 385S Structures II <br> ARC 386M Topics in Architectural Theory <br> (Topic 9: Designing the Way We <br> Build ) <br> ARC 386M Topics in Architectural Theory <br> (Topic 21: Timber Technologies) <br> ARC 388R Topics in the History of Architecture <br> and Historic Preservation (Topic 7: <br> History of Building Technology) <br> ARC 388R Topics in the History of Architecture <br> and Historic Preservation (Topic <br> 19: Design Logics: Projection and <br> Proportion in Architecture) |

Total Hours

## 9

## Architecture: Community Equity Design

The Architecture: Community Equity Design stackable graduate certificate accommodates a growing interest in community equity design among designers and diverse professionals to develop tools that can engage and foster design as a collaborative effort grounded in public interest design methodologies. As a result, students will not only gain expertise in community equity design, they will become better equipped to address the world's most pressing concerns regarding social, economic, and environmental issues of the built environment. As part of this program, students will engage in an off-campus designresearch problem, working directly with an approved stakeholder in the region; take on the roles of both citizen and designer, organizing and attending stakeholder meetings, while conducting field-research outside of the classroom setting; and submit a scholarly paper reflecting on lessons learned during their research. The stackable graduate certificate is open to any UT Austin degree-seeking graduate student and requires three courses (nine credit hours). All courses required for the stackable graduate certificate are offered in a face-to-face format.

| Requirements <br> ARC 389 | Hours |  |
| :--- | :--- | ---: |
| Six hours selected from the following: | 3 |  |
| ARC 386M | Topics in Architectural Theory <br> (Topic 29: Futures and Cities) | 6 |
| ARC 386M | Topics in Architectural Theory <br> (Topic 30: Race and Gender by <br> Design) |  |
| ARC 388R | Topics in the History of Architecture <br> and Historic Preservation (Topic 20: <br> Migratory Urbanism) |  |


| ARC 388R | Topics in the History of Architecture <br> and Historic Preservation (Topic <br> 22: Cultural Landscape and <br> Ethnographic Methods) |
| :--- | :--- |
| ARC 388R | Topics in the History of Architecture <br> and Historic Preservation (Topic <br> 24: African American Experience in <br> Architecture) |

Total Hours

## Architecture: Digital Technology

The Architecture: Digital Technology stackable graduate certificate is for students who are interested in using advanced and emerging digital technologies for design at multiple scales. Courses that fulfill the certificate requirements include instruction on software, computational design methods, digital fabrication, and digital design theory. Students will be exposed to a variety of different computer programs and design processes while pursuing this certificate and leverage computational design to create new objects, buildings, and cities that would otherwise not be possible. Students will explore how contemporary architectural theory shapes this discourse. The stackable graduate certificate is open to any UT Austin degree-seeking graduate student and requires three courses (nine credit hours). All courses required for the stackable graduate certificate are offered in a face-to-face format on the UT Austin campus.

## Requirements

Hours
Nine hours selected from the following:

| ARC 380C | Topics in Visualization and Fabrication (Topic 1: Living Wall: Design and Fabrication) |
| :---: | :---: |
| ARC 380C | Topics in Visualization and Fabrication (Topic 2: Reality Capture for Architecture) |
| ARC 380C | Topics in Visualization and Fabrication (Topic 3: Material Info: Design through Fabrication) |
| ARC 380V | Topics in Digital Technology and Fabrication (Topic 1: Creative Robotics) |
| ARC 381F | Digital Drawing and Fabrication |
| ARC 386M | Topics in Architectural Theory (Topic 26: Computational Design) |
| ARC 386M | Topics in Architectural Theory (Topic 31: Architecture Computation) |
| ARC 386M | Topics in Architectural Theory (Topic 32: Composition and Architecture) |
| ARC 391P | Productions |
| ARC 392P | Prototype |

Total Hours

## Architecture: Environmental Equity Design

The Architecture: Environmental Equity Design stackable graduate certificate accommodates a growing interest in environmental equity design among designers and diverse professionals to develop tools that can engage and foster design as a collaborative effort grounded in public interest design methodologies. As a result, program participants will not only gain expertise in environmental equity design, they will become
better equipped to address the world's most pressing concerns regarding social, economic, and environmental issues of the built environment. As part of this program, students will engage in an off-campus designresearch problem, working directly with an approved stakeholder in the region; take on the roles of both citizen and designer, organizing and attending stakeholder meetings, while conducting field-research outside of the classroom setting; and submit a scholarly paper reflecting on lessons learned during their research. The stackable graduate certificate is open to any UT Austin degree-seeking graduate student and requires three courses (nine credit hours). All courses required for the stackable graduate certificate are offered in a face-to-face format.

## Requirements <br> Hours

| ARC 389 | Research in Architecture | 3 |
| :---: | :---: | :---: |
| Six hours selected from the following: |  | 6 |
| ARC 386M | Topics in Architectural Theory <br> (Topic 7: Design of New Communities) |  |
| ARC 386M | Topics in Architectural Theory (Topic 13: Light and Sustainable Design) |  |
| ARC 386M | Topics in Architectural Theory (Topic 33: Regenerative Architecture) |  |
| ARC 386M | Topics in Architectural Theory (Topic 35: Sustainability: Why This Way) |  |
| ARC 388R | Topics in the History of Architecture and Historic Preservation (Topic 20: Migratory Urbanism) |  |
| ARC 388R | Topics in the History of Architecture and Historic Preservation (Topic 24: African American Experience in Architecture) |  |

## Architecture: Latin American Architecture

By enhancing and promoting a regional focus that already exists in the school's graduate curriculum, the Architecture: Latin American Architecture stackable graduate certificate allows graduate students to develop a comparative approach to architectural education and scholarship and equips them with tools to engage in the effect that globalization has on architecture and place more broadly. As a result, program participants will not only gain expertise in Latin American architecture, they will also become better equipped to address the world's most pressing issues regarding the built environment. The stackable graduate certificate is open to any UT Austin degree-seeking graduate student and requires three courses (nine credit hours). All courses required for the stackable graduate certificate are offered in a face-to-face format on the UT Austin campus.

## Requirements

Hours
Nine hours selected from the following:

ARC 388R Topics in the History of Architecture and Historic Preservation (Topic
1: 20th Century Latin American Architecture)
ARC 388R Topics in the History of Architecture and Historic Preservation (Topic 20: Migratory Urbanism)

| ARC 388R | Topics in the History of Architecture <br> and Historic Preservation (Topic <br> 22: Cultural Landscape and <br> Ethnographic Methods) |
| :--- | :--- |
| ARC 388R | Topics in the History of Architecture <br> and Historic Preservation (Topic <br> 23: Borderlands and Mexican Built <br> Environment History) |
| ARC 395C | Mexican Architecture and <br> Urbanism: From Pre-Columbian to <br> Contemporary |

Total Hours

## Architectural History: Political, Social, and Cultural Histories of Architecture

The Architectural History: Political, Social, and Cultural Histories of Architecture stackable graduate certificate program investigates the social, political, and economic histories of architecture and urbanism. With an emphasis on macro structures (i.e., capitalism) in relation to historically marginalized groups (migrants, people of color, laborers, etc.), these courses ask students to deeply contextualize "sites" and "architectures." To complement the work and role of the architect, the focus explores the users and makers of ordinary built environments as well as canonical works of architecture. Beyond developing a specific historic lens or framework to view and analyze architecture, students will also conduct their own architectural histories of everyday environments and ask questions about architecture that address the pressing social issues of our time. The stackable graduate certificate is open to any UT Austin degree-seeking graduate student and requires three courses (nine credit hours). All courses required for the stackable graduate certificate are offered in a face-to-face format on the UT Austin campus.

## Requirements

Hours
Nine hours selected from the following:

| ARC 388R | Topics in the History of Architecture <br> and Historic Preservation (Topic <br> 8: Hybridity in Landscape/ <br> Architecture) |
| :--- | :--- |
| ARC 388R | Topics in the History of Architecture <br> and Historic Preservation (Topic 20: <br> Migratory Urbanism) |
| ARC 388R | Topics in the History of Architecture <br> and Historic Preservation (Topic <br> 22: Cultural Landscape and <br> Ethnographic Methods) |
| ARC 388R | Topics in the History of Architecture <br> and Historic Preservation (Topic <br> 24: African American Experience in <br> Architecture) |
| ARC 388R | Topics in the History of Architecture <br> and Historic Preservation (Topic <br> 25: History of the Profession: <br> Architecture and Capitalism) |
|  | Topics in the History of Architecture <br> and Historic Preservation (Topic 26: <br> Theorizing Space in the Americas) |

Total Hours

## Historic Preservation: Cultural Heritage: Building Materials and Documentation

The program requires completion of nine semester credit hours of coursework and is available to degree-seeking students.

| Requirements | Hours |  |
| :--- | :--- | :--- |
| ARC 385T | Topics in Building Construction and <br> Conservation (Topic 1: Architectural <br> Conservation: Field Methods) | 3 |
| ARC 385T | Topics in Building Construction and <br> Conservation (Topic 2: Architectural <br> Conservation: Lab Methods) | 3 |
| ARC 386M | Topics in Architectural Theory <br> (Topic 37: Graphic Documentation) | 3 |

Total Hours

## Historic Preservation: Cultural Heritage: History and Research

Cultural heritage advocacy seeks to protect heritage and communities, manifested in buildings, landscapes, or even intangibles, such as a sense of place or traditions. Like other sustainability efforts, cultural heritage studies help to conserve resources for society's betterment in the present and the future. Understanding historic cultural heritage principles and historical research are crucial for a thoughtful design strategy when dealing with historic buildings. In the Historic Preservation: Cultural Heritage: History and Research stackable graduate certificate, students will explore foundational skills and knowledge to approach cultural heritage from the historical point of view. Students will formulate historical research and reports while describing the historical built environment using terms and concepts embedded in the field of cultural heritage practice. All courses required for the stackable graduate certificate are offered in a face-to-face format on the UT Austin campus.

## Requirements Hours

Nine hours selected from the following:

| ARC 386M | Topics in Architectural Theory <br> (Topic 38: National Register of <br> Historic Places) |
| :--- | :--- |
| ARC 388R | Topics in the History of Architecture <br> and Historic Preservation (Topic <br> 15: Methodologies in Architectural <br> History) |
| ARC 388R | Topics in the History of Architecture <br> and Historic Preservation (Topic 17: <br> Preservation History and Theory) |
| ARC 388R | Topics in the History of Architecture <br> and Historic Preservation (Topic 18: <br> Preservation Planning and Practice) |
|  |  |

Total Hours

## Sustainable Design: Technology and Environment

The Sustainable Design: Technology and Environment stackable graduate certificate is for students interested in sustainability at various scales and within a diverse set of contexts. Program participants will focus on issues of performance, primarily at the building scale considering both technical components such as daylight modulation and thermal factors within larger systems, as well as philosophical questions about sustainable design and its potential boundaries or lack thereof. Building science and phenomenological experience are both
considered throughout the coursework. All courses required for the stackable graduate certificate are offered in a face-to-face format on the UT Austin campus.

## Requirements

Hours
Nine hours selected from the following:

| ARC 384G | Environmental Control: Light, Sound, and Electricity |
| :---: | :---: |
| ARC 386M | Topics in Architectural Theory (Topic 11: Energy Modeling and the Design Process) |
| ARC 386M | Topics in Architectural Theory (Topic 13: Light and Sustainable Design) |
| ARC 386M | Topics in Architectural Theory (Topic 19: Solar Geometry and Energy Flow) |
| ARC 386M | Topics in Architectural Theory (Topic 33: Regenerative Architecture) |
| ARC 386M | Topics in Architectural Theory (Topic 34: Sustainable Architectural Design) |
| ARC 386M | Topics in Architectural Theory (Topic 35: Sustainability: Why This Way) |
| ARC 386M | Topics in Architectural Theory (Topic 36: Introduction to Urban Ecology) |
| ARC 380D | Topics in Design and Practice (Topic 1: Twenty-Second-Century Materials) |

Total Hours

## Community and Regional Planning

Master of Science in Community and Regional Planning Doctor of Philosophy

## Areas of Study

Students may choose to tailor the choice of elective courses to their specific interests. Students have a wide range of elective courses to choose from and are encouraged to select electives that they feel will best prepare them for their future careers. Students can also pursue specialized interests through dual degree programs and portfolio programs.

## Admission Requirements

Master of Science in Community and Regional Planning. There are no specific course prerequisites for admission to the master's degree program. However, facility in basic computer skills (using spreadsheets and word processing) is assumed.

Doctor of Philosophy. To be admitted to the doctoral program, an applicant must have a master's degree in community and regional planning or a related field.

To be admitted to any of the dual degree programs, the applicant must be admitted to each of the individual participating programs.

For more information about admission to the master's or doctoral degree program or to any of the dual degree programs, consult the graduate advisor in care of the program or the community and regional planning website.

Upon admission to the program, students must pay a nonrefundable enrollment deposit to indicate that they accept the offer of admission. The deposit is applied to the payment of tuition when the student enrolls. The deposit is also required of students admitted to the dual degree programs.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Dean J Almy
Richard Patrick Bixler
Miriam S Collins
Michael Holleran
Junfeng Jiao
Alex Karner
Fernando Luiz Lara
Katherine E Lieberknecht
Sarah L Lopez
Elizabeth Mueller

Michael Oden
Robert G Paterson
Sandra Rosenbloom
Gian Claudia Sciara
Allan W Shearer
Bjorn Ingmunn Sletto
Jacob A Wegmann
Patricia A Wilson
Ming Zhang

## Degree Requirements, Community and Regional Planning

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Community and Regional Planning

Each student must complete 48 semester hours of coursework, including introductory courses in planning history, theory, and ethics; quantitative planning methods; qualitative and participatory planning methods; sustainable land use planning; GIS and visual planning tools; planning law; and public economics and finance. During the final year, students synthesize their educational experience by taking an integrative planning studio and completing either a thesis or a professional report. With the assistance of the graduate advisor, each student develops an individual program based on their interests.

## Doctor of Philosophy

The doctoral degree requires 48 semester hours of work, including graduate coursework, directed research, and the dissertation. Each doctoral student must specialize in a planning field, such as environmental and natural resources planning, land development and urban design, housing and community economic development, land use and infrastructure planning (including transportation), historic preservation (through cross-listed architecture courses), or a special field defined by the supervisor and the student and approved by the community and regional planning PhD Committee. In addition, doctoral students must complete advanced work in an outside field; a variety of supporting (outside) fields are available through other University programs. Depth and breadth of experience in planning theory and research design and methods are required of all doctoral students.

After completing the required coursework, the student advances to candidacy according to procedures set by the Graduate Studies

Committee. Advancement to candidacy involves an evaluation of the student's research proposal and a comprehensive written examination. A faculty committee evaluates the research in progress, and reads the dissertation.

## Dual Degree Programs

The community and regional planning program offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Geography | Doctor of Philosophy |
| Latin American studies | Master of Arts |
| Law | Doctor of <br> Jurisprudence |
| Public affairs | Master of Public <br>  <br> Affairs |

In addition, the following dual degree programs are offered within the School of Architecture. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) <br> Sustainable design |
| :--- | :--- |
| Urban design Sustainable Des <br> Master of Scienc <br> Urban Design <br> Stackable Certificate Programs,  <br> Community and Regional  |  |
| Planning |  |

Stackable graduate certificates are available to degree-seeking and non-degree-seeking graduate students. Some stackable certificates may be awarded following completion of program requirements, while others require simultaneous awarding of the graduate certificate and a graduate degree.

See the Stackable Certificates section (p. 14) of this catalog for additional information and policies related to stackable certificates.

The graduate program for this catalog section offers the following stackable certificate programs. To see a full list of graduate certificates offered at the University, please see the Graduate Study (p. 8) section of the Graduate Catalog.

## Community and Regional Planning: Introduction to City Planning

This Community and Regional Planning: Introduction to City Planning stackable graduate certificate provides an overview of the theoretical foundations, specific skills, and practical experience that constitute the context of professional planning. The stackable graduate certificate is open to any University of Texas at Austin degree-seeking graduate student and requires three courses (nine credit hours). All courses required for the stackable graduate certificate are offered in a face-toface format on the UT Austin campus.

## Requirements

CRP 380F

Foundations of Planning (Topic 1: Planning History, Theory, and Ethics)

| CRP 381M | Foundational Methods in |
| :--- | :--- |
|  | Planning (Topic 2: Qualitative and |
| Participatory Methods) |  | Participatory Methods)

Three hours selected from the following:

| CRP 382C | Physical Planning and Design <br> (Topic 5: Garden City to New Community) |
| :---: | :---: |
| CRP 382C | Physical Planning and Design (Topic 9: Social Life of Public Places) |
| CRP 382C | Physical Planning and Design (Topic 11: The Future: Views in Planning) |
| CRP 383 | Environment and Natural <br> Resources (Topic 3: Environmental Impact Assessment) |
| CRP 383 | Environment and Natural <br> Resources (Topic 4: Disasters and <br> Resilience: Planning and Response) |
| CRP 383 | Environment and Natural <br> Resources (Topic 7: Introduction to Urban Ecology) |
| CRP 383 | Environment and Natural Resources (Topic 15: Brownfields) |
| CRP 384 | Transportation (Topic 4: Land Use and Transportation Planning) |
| CRP 384 | Transportation (Topic 9: <br> Transportation Planning and Policy) |
| CRP 384 | Transportation (Topic 10: Bicycle and Pedestrian Transit Planning) |
| CRP 384 | Transportation (Topic 11: Megaregional Planning) |
| CRP 385C | Economic and Community Development (Topic 2: Urban Economic Development Policy) |
| CRP 385C | Economic and Community Development (Topic 3: Sustainable Urban Economic Development Planning) |
| CRP 385C | Economic and Community <br> Development (Topic 4: Community <br> Development) |
| CRP 385C | Economic and Community Development (Topic 6: International Sustainable Social Development) |
| CRP 385C | Economic and Community <br> Development (Topic 7: Social, Spatial, and Environmental Justice) |
| CRP 385C | Economic and Community Development (Topic 15: Migratory Urbanism) |
| CRP 386 | Applied Planning Techniques (Topic 5: Urban Geographic Information Systems) |
| CRP 386 | Applied Planning Techniques (Topic 12: Financing Real Estate Projects: Non-Profit and For-Profit) |
| CRP 387C | Infrastructure Planning (Topic 2: Water Resources Planning) |
| CRP 387C | Infrastructure Planning (Topic 7: Race and the Built Environment) |


| CRP 388 | Housing (Topic 3: Affordable <br> Housing Planning and Policy) |
| :---: | :--- |
| CRP 388 | Housing (Topic 5: Housing Practice <br> and Public Policy in Latin America) |
| CRP 392C | Historic Preservation (Topic 1: <br> History of American City Building) |
| CRP 392C | Historic Preservation (Topic 2: <br> Preservation History and Theory) |

Total Hours

## Interior Design

## Master of Interior Design

## Areas of Study

The two master's degree programs in interior design lead to professional and postprofessional academic degrees.

The Master of Interior Design (first professional) may qualify graduates to become licensed or registered as an interior designer. Interested students are encouraged to confirm requirements for the state in which they hope to practice and confirm NCIDQ eligibility requirements.

The Master of Interior Design (postprofessional) degree offers students advanced studies, theory, and research for those holding a prior professional degree in interior design or architecture.

## Admission Requirements

Upon admission to the program, students must pay a nonrefundable enrollment deposit to indicate that they accept the offer of admission. The deposit is applied to the payment of tuition when the student enrolls.

Master of Interior Design (first professional). This degree program is open to qualified applicants who hold baccalaureate degrees in any discipline without a prior professional degree in interior design or architecture.

Master of Interior Design (postprofessional). This degree program is open to qualified applicants with a prior professional baccalaureate degree in interior design, interior architecture, or architecture.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Matt Fajkus | Clay D Odom |
| :--- | :--- |
| Nerea Feliz Arrizabalaga | Igor P Siddiqui |

Nea Feliz Arrizabalaga
Igor P Siddiqui
Aleksandra Jaeschke

## Degree Requirements, Interior Design

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Interior Design (first professional)

For students entering with degrees other than professional degrees in interior design or architecture, the Master of Interior Design is a first professional degree, with accelerated graduate professional courses
designed to prepare the student for advanced work in interior design; the coursework is prescribed on the basis of the student's previous college work as shown in transcripts, portfolio, statement of intent, résumé, and references. This program includes 32 hours of qualifying coursework (some course requirements may be waived upon review of transcripts and experience) prior to 50 semester hours of graduate work, including a master's design studio or a terminal advanced studio.

A Portfolio Review is administered by the Interior Design Program to evaluate student progress through the Master of Interior Design first professional program. It is a multi-stage process that allows students to document their work in a cumulative and iterative manner, receive necessary feedback from program faculty about their academic progress, and prepare their portfolios for professional use.

## Master of Interior Design (postprofessional)

For students entering with a professional degree in interior design, interior architecture, or architecture, the Master of Interior Design is a postprofessional degree. This program requires 48 semester hours of graduate work, including a master's thesis contributing to the knowledge base of interior design or a master's design studio.

A Portfolio Review is administered by the Interior Design Program to evaluate student progress through the Master of Interior Design postprofessional program. It is a multi-stage process that allows students to document their work in a cumulative and iterative manner, receive necessary feedback from program faculty about their academic progress, and prepare their portfolios for professional use.

## Stackable Certificate Programs, Interior Design

Stackable graduate certificates are available to degree-seeking and non-degree-seeking graduate students. Some stackable certificates may be awarded following completion of program requirements, while others require simultaneous awarding of the graduate certificate and a graduate degree.

See the Stackable Certificates section (p. 14) of this catalog for additional information and policies related to stackable certificates.

The graduate program for this catalog section offers the following stackable certificate programs. To see a full list of graduate certificates offered at the University, please see the Graduate Study (p. 8) section of the Graduate Catalog.

## Interior Design: Theories of Interiors and Spatial Design

This Interior Design: Theories of Interiors and Spatial Design stackable graduate certificate is for students interested in developing a deeper understanding of contemporary concepts, projects, and methods that underlie the design process and theorization of interior environments and spatial design. The stackable graduate certificate is open to any University of Texas at Austin degree-seeking graduate student and requires three courses (nine credit hours). All courses required for the stackable graduate certificate are offered in a face-to-face format on the UT Austin campus.

| RequirementsNine hours selected from the following:  <br> ARI 386M Topics in Interior Design Theory <br> and Criticism (Topic 1: Interiors and <br> Society) <br> ARI 386M Topics in Interior Design Theory and <br> Criticism (Topic 2: Inside Utopia) <br> ARI 386M Topics in Interior Design Theory <br> and Criticism (Topic 3: Reimagining <br> Design Precedent) <br> ARI 388 Designing for Human Behavior <br> ARI 388K <br> ARI 388L Interior Design History I Design History II <br> ARI 391P Productions <br> ARI 392P  |
| :--- |

Total Hours

## Landscape Architecture

## Master of Landscape Architecture

## Areas of Study

The Master of Landscape Architecture first professional degree is a professional degree program for students who do not have a background in landscape architecture or an LAAB-accredited degree in landscape architecture.

The Master of Landscape Architecture postprofessional degree is a postprofessional degree program for students who hold an LAABaccredited degree in landscape architecture.

## Admission Requirements

Upon admission to the program, students must pay a nonrefundable enrollment deposit to indicate that they accept the offer of admission. The deposit is applied to the payment of tuition when the student enrolls.

Master of Landscape Architecture (first professional). This degree program is open to qualified applicants who hold baccalaureate degrees in any discipline. Applicants with an accredited professional degree in architecture may be eligible for admission with advanced standing. Applicants with a nonaccredited preprofessional degree in architecture, landscape architecture, or environmental design may also be granted advanced standing.

Those who qualify are generally granted advanced standing of up to one or two terms, subject to review by the admissions committee. Students may be able to waive degree requirements by a petition process and by demonstrating equivalent study in any of the required course areas.

Master of Landscape Architecture (postprofessional). This degree program is open to qualified applicants who hold accredited professional degrees in landscape architecture. Applicants who do not meet the LAAB-accredited degree requirement will be considered for admission to the Master of Landscape Architecture (first professional) degree program with advanced standing and must complete a minimum of 48 hours of prescribed coursework.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Dean J Almy | Phoebe Lickwar |
| :--- | :--- |
| Miroslava Benes | Katherine E Lieberknecht |
| Maggie Hansen | Allan W Shearer |

Maggie Hansen
Hope Hasbrouck

## Degree Requirements, Landscape Architecture

## Master of Landscape Architecture

First Professional. The Master of Landscape Architecture first professional degree program is a Landscape Architecture Accreditation Board (LAAB) accredited degree, with graduate professional courses designed to prepare the student for advanced work in landscape architecture and to apply for registration with the Council of Landscape Architecture Registration Board (CLARB) as a Landscape Architect in the United States, Canada and Puerto Rico. The student's required coursework is individually prescribed and based upon previous college work as shown by transcripts, portfolio, studio supplement, statement of intent, and references. Students entering without a background in landscape architecture normally complete the professional degree program in approximately three years of in-residence study or 87 credit hours; the academic records of students holding pre-professional bachelor degrees (i.e. in landscape studies or environmental design) are individually evaluated for course credit toward the professional degree program requirements. Students entering with a professional degree in architecture (B.Arch or M.Arch), or unaccredited degree in landscape architecture must complete a minimum of 48 hours of prescribed coursework. All Master of Landscape Architecture professional degree candidates must demonstrate proficiency in design and visual communication through a qualifying portfolio review conducted by the faculty before enrolling in advanced coursework.

Post Professional. The Master of Landscape Architecture post professional degree program is designed to provide individuals who have completed an accredited undergraduate professional landscape architecture degree an opportunity to engage in advanced scholarship and professional development. Students in the post professional degree program normally complete their studies in two years, with a total of 48 semester hours of coursework.

Students in both programs may participate in graduate portfolio programs. Graduate portfolio programs provide opportunities for students to obtain credentials in a cross-disciplinary academic area of inquiry while they are completing the requirements of a Master's degree program. Additional information is available from the graduate advisor.

## Urban Design

> Master of Science in Urban Design

## Areas of Study

The Master of Science in Urban Design (MSUD) is an academic degree focusing on urban design with associated coursework in the disciplines of architecture, landscape architecture, and community and regional planning. The program is designed to help students develop the professional skills needed to engage in improving the quality and structure of the built environment. The MSUD is a STEM Designated Degree Program by the Department of Homeland Security for the purposes of the 24-month STEM optional practical training extension.

## Admission Requirements

This degree program is open to qualified applicants who hold professional degrees in either architecture, landscape architecture,
or planning. A dual-degree program with the Master of Science in Community and Regional Planning is available for students with baccalaureate degrees in any other discipline.

Upon admission to the program, students must pay a nonrefundable enrollment deposit to indicate that they accept the offer of admission. The deposit is applied to the payment of tuition when the student enrolls. The deposit is also required of students admitted to dual degree programs.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Dean J Almy
Simon D Atkinson
Maggie Hansen
Benjamin Ibarra Sevilla

Junfeng Jiao
Juan Miro

Degree Requirements, Urban Design

## Master of Science in Urban Design

The Master of Science in Urban Design (MSUD) degree program requires completion of at least 36 semester hours of work. Students must either complete the core 3-semester studio sequence or obtain approval of the program's Graduate Studies Committee to undertake an honors project in lieu of the third required studio course. Students enrolled in the dual-degree program with Community and Regional Planning must complete the Urban Design Planning Studio in lieu of the third required studio course. Additional hours, in the form of a summer preparatory studio, may be required for students without a prior degree in either architecture or landscape architecture. An individual plan of study is defined for each student by the program director.

## Dual Degree Programs

The following dual degree programs are offered within the School of Architecture. More information is available from the graduate advisor in each program.

## Major(s)

Community and regional planning

Degree(s)
Master of Science in Community and Regional Planning

Stackable Certificate Programs, Urban Design

Stackable graduate certificates are available to degree-seeking and non-degree-seeking graduate students. Some stackable certificates may be awarded following completion of program requirements, while others require simultaneous awarding of the graduate certificate and a graduate degree.

See the Stackable Certificates section (p. 14) of this catalog for additional information and policies related to stackable certificates.

The graduate program for this catalog section offers the following stackable certificate programs. To see a full list of graduate certificates offered at the University, please see the Graduate Study (p. 8) section of the Graduate Catalog.

## Urban Design: Housing and Urbanism

The stackable graduate certificate in Urban Design: Housing and Urbanism provides a framework for the investigation of the issues that impact the construction of the urban environment and their resultant effect on the human condition in cities. The program requires completion of nine semester credit hours of coursework and is available to degreeseeking students.

| Requirements | Hours |
| :--- | :--- | :--- |
| U D 388 | Urban Design History, Theory, and <br> Criticism |
| Six hours from the following: |  |
| U D 383M | Topics in Urban Geography (Topic |
|  | 2: The Healthy, Livable City) |

Total Hours

## Courses, Architecture

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the School of Architecture: Architectural Interior Design (ARI), Architecture (ARC), Community and Regional Planning (CRP), and Landscape Architecture (LAR).

## Courses, Urban Design Graduate Program

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Urban Design Graduate Program: Urban Design (U D).

## Red McCombs School of Business

## Business Administration

Master of Business Administration

## For More Information

Campus address: College of Business Administration Building (CBA) 2.502, phone (512) 471-7698, fax (512) 471-4131; campus mail code: B6004

Mailing address: The University of Texas at Austin, Red McCombs School of Business, MBA Program Office, 1 University Station B6004, Austin TX 78712-0205

E-mail: texasmba@mccombs.utexas.edu
URL: www.mccombs.utexas.edu

## Facilities for Graduate Work

Facilities for graduate study in business include state-of-the-art classrooms and seminar rooms, which are equipped with multimedia and computer terminal facilities. Computer classrooms, computer laboratories, a Financial Trading and Technology Center, and a behavioral science laboratory are also available. A variety of special collections and databases are available for research and study. In addition, there are extensive study and research facilities for individual and group projects.

Library holdings in business, economics, and related areas are unusually comprehensive; the University has several noteworthy collections, such as those on Latin America and Texas, that are of special interest to business students. Also available are personalized reference services, including library instruction classes, web-based subject and course guides, and an extensive array of online business and statistical databases; a tax collection; and a large selection of materials to aid in productive problem solving. These holdings are located in the PerryCastañeda Library and are available through the University Libraries website.

Other facilities of interest, especially to students of international business, include the Center for International Business Education and Research, the Benson Latin American Collection, the Teresa Lozano Long Institute of Latin American Studies, the Center for Middle Eastern Studies, the Center for East Asian Studies, the South Asia Institute, and the Population Research Center. Additional opportunities for research are provided by the AIM Investment Center; the Center for Business, Technology, and Law; the Center for Customer Insight and Marketing Solutions; the Real Estate Finance and Investment Center; the Center for Research in Electronic Commerce; the EDS Financial Trading and Technology Center; the Hicks, Muse, Tate \& Furst Center for Private Equity Finance; the Herb Kelleher Center for Entrepreneurship; the IC2 Institute; the Supply Chain Management Center of Excellence; the Center for Energy Finance Education and Research; the Center for Risk Management and Insurance; the Energy Management and Innovation Center; and the Jon Brumley Texas Venture Labs.

The McCombs School of Business has its own computer network that links the school's laboratories and other computing resources. The network is also connected to the University's computing infrastructure. All Master of Business Administration (MBA) students are required to own a laptop computer.

The MBA Program Office provides information, academic advising, and student services to MBA students; contact information is given on the top of this page.

## Areas of Study

Graduate study is offered in the following areas: accounting; business, government, and society; finance; information, risk, and operations management; management; marketing; and technology commercialization. Students in the full-time program may concentrate
their coursework in one of these areas by choosing from among 22 available tracks of elective coursework. The track selected by a student determines whether their degree program is Business Administration, Business Administration-Management Science and Quantitative Methods or Business Administration-Financial Mathematics. The latter of these programs are classified as STEM Designated Degree Programs by the Department of Homeland Security for the purposes of the 24month STEM optional practical training extension.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Ashish Agarwal
Andres Almazan
Aydogan Alti
Edward G Anderson Jr
Rowland Atiase
Uttarayan Bagchi
Anantaram Balakrishnan
Caroline A Bartel
Anitesh Barua
Patrick L Brockett
Susan M Broniarczyk
Keith C Brown
Ethan R Burris
Johnny S Butler
Carlos Marinho Carvalho
Deepayan Chakrabarti
Eric Chan
Shuping Chen
Michael B Clement
Jonathan B Cohn
William H Cunningham
John A Daly
Paul Damien
Andres Francisco Donangelo
Jason A Duan
Janet M Dukerich
James S Dyer
Cesare Fracassi
Robert N Freeman
Rajiv Garg
Kishore Gawande
Andrew D Gershoff
Stephen M Gilbert
Linda L Golden
Michael H Granof
John M Griffin
Genaro J Gutierrez
Warren J Hahn
David A Harrison
Jay C Hartzell
John William Hatfield
Andrew D Henderson
Ty Thomas Henderson
D E Hirst
Wayne D Hoyer
Julie R Irwin
Sirkka L Jarvenpaa
Ross G Jennings
Travis Lake Johnson
Steven J Kachelmeier
Prabhudev C Konana

Lisa L Koonce
Samuel Arthur Kruger
Guoming Lai
Volker Laux
Stephen T Limberg
James Richard Lowery Jr
Stephen P Magee
Vijay Mahajan
Luis D I Martins
Leigh M McAlister
John M McInnis
Lillian Fawn Mills
Douglas J Morrice
Paula C Murray
Kumar Muthuraman
Robert Parrino
Shefali V Patil
Robert A Peterson
Francisco Polidoro Jr
Robert A Prentice
Rajagopal Raghunathan
Ramkumar Ranganathan
Raghunath S Rao
Ramesh K Rao
Brian Richter
Ehud I Ronn
Maytal Saar-Tsechansky
Thomas W Sager
Jaime Joy Schmidt
Thomas S Shively
Clemens Sialm
Michael Sockin
Garrett P Sonnier
David B Spence
Rajashri Srinivasan
Laura T Starks
Huseyin Tanriverdi
Sheridan Titman
Puay khoon Toh
Efstathios Tompaidis
Adrian F Ward
Wen Wen
Timothy Daniel Werner
Andrew B Whinston
Brian White
Braden Mern Williams
Sinead Williamson
Mindy Xiaolan
Yong Yu
Thaleia Zariphopoulou
Mingyuan Zhou

## Admission Requirements

Several scheduling options are available to students seeking the MBA: full-time, executive, and evening programs in Austin; weekend programs in Dallas and Houston.

Admission decisions for all programs are based on the applicant's test scores, academic and professional background, letters of recommendation, and other factors.

With the following exceptions, all applicants must submit a valid score from the Graduate Management Admission Test (GMAT) or the Graduate Records Examination General Exam (GRE).

The admissions committee may consider waiving the GMAT/GRE requirement in the executive MBA programs in Austin when one of the following conditions is met: (1) 15 years of postgraduate work experience, (2) five years of people/project management experience, (3) an advanced degree, (4) an expired GMAT or GRE.

TOEFL or IELTS scores are required of all applicants who are not United States citizens or permanent residents, and for those who received their undergraduate education in a country where English is not the official language.

Upon admission to the program, students must pay a nonrefundable enrollment deposit to indicate that they accept the offer of admission. The deposit is applied to the payment of tuition when the student enrolls. The deposit is also required of students admitted to the dual degree (p. 41) programs.

More information about the admission process for each program is published by the McCombs School online.

## Degree Requirements, Business Administration

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

The objective of each of the programs described below is to develop influential business leaders who are able to assume high-level responsibilities in the rapidly changing national and international environment of the public and private sectors. The curriculum is designed to stimulate intellectual curiosity; to develop analytical and research ability; and to give students the ability to make sound managerial decisions, to plan, organize, and control activities in order to achieve established goals, and to manage people, organizations, and change. Students are expected to acquire the concepts, tools, and understanding to operate in and contribute successfully to new economic environments. Such environments are characterized by rapid technological change, global competition, and information-rich or information-deficient management decisions. Each program is designed to accommodate students with baccalaureate degrees in a wide variety of fields. Each affords the student a wide range of choices to complete a course of advanced study that integrates developments, theory, and applications involved in the exercise of executive and managerial administrative responsibilities.

## Full-Time Program

The full-time Master of Business Administration (MBA) is a two-year program taught in Austin. Students enter the program in the fall and graduate at the end of the second spring semester. At least 15 hours of
coursework are required each semester. A one-hour career management course is required in the first semester.

The program is 62 semester hours of coursework. Twenty-three hours are provided by required core courses. Students are required to take certain core courses in an assigned cohort.

During the first semester of the program, students are organized into four cohorts of approximately 65 members. The students in each cohort take most core courses together. Within the cohort and in particular courses, students may be assigned to four or five-person study groups to encourage group problem solving and teamwork and the development of leadership skills.

At least 37 semester hours of approved graduate electives are required. The student may concentrate the elective coursework within a discipline, such as marketing, by choosing from among 22 available tracks of elective coursework; each concentration consists of a sequence of courses that offers strong preparation for a particular career path. The track selected by a student determines whether their degree program is Business Administration, Business Administration-Management Science and Quantitative Methods or Business Administration-Financial Mathematics. The latter of these programs are classified as STEM Designated Degree Programs by the Department of Homeland Security for the purposes of the 24-month STEM optional practical training extension. Students are not required to choose a concentration.

Further information about prerequisites, requirements, and concentrations is available from the MBA Program Office, online and by email (texasmba@mccombs.utexas.edu).

## Weekend and Evening Programs in Austin

A carefully planned program of continuing education and development for executives is essential in today's dynamic business environment. The following programs provide this graduate business education for early-career to senior managers while permitting them to continue their careers.

Executive MBA. The Executive MBA program is a 20-month program designed to meet the needs of academically qualified mid- to seniorlevel professionals who wish to pursue an MBA degree while continuing to carry the full responsibilities of their jobs. Typical in-person class weekends are held once per month, Thursday through Saturday, with six distinct three- to six-day Executive Immersions in NYC, Washington, DC, Dallas and Austin, in addition to one six-day Global Immersion. This rigorous and demanding program is offered in a face-to-face format and requires a serious commitment from both the student and the student's employer. All students must complete 34 semester hours of required coursework and eight hours of electives, for a total of 42 hours. A minimum of eight years of work experience is required. The average work experience of currently enrolled students exceeds 14 years. In most cases, prospective students will need to complete the GMAT, GRE, or the Executive Assessment (EA). Applicants admitted to the program must submit a nonrefundable enrollment deposit to secure enrollment in the program. Information is available online and by email (texasemba@mccombs.utexas.edu).

Evening MBA. This two-and-one-half year graduate business program is designed for working professionals who choose to work while pursuing the MBA. Classes are held on Monday and Tuesday evenings, from 6:00 pm - 9:15 pm. Occasional weekend classes are scheduled in order to meet minimum contact hour requirements. Students attend classes in the fall, spring, and summer, and must complete 48 semester hours of coursework. The evening MBA program is designed to help high-potential managers become global business leaders.

Prospective students should have at least two years of work or professional experience. The average work experience of currently enrolled students is nearly six years. A brochure describing the program is available from the MBA Program Office. Information is also available online.

## Weekend Programs Outside Austin

MBA at Houston and MBA at Dallas-Fort Worth. These rigorous, twoyear graduate business programs are designed for managers and professionals who wish to pursue an MBA degree outside normal working hours. Classes are held Friday evenings from 4:00pm to 8:00pm and Saturdays from 8:00am to 5:00pm on alternate weekends. Threeday (Friday through Sunday) class weekends and occasional weeklong immersions in Austin will be scheduled in order to meet minimum contact hour requirements. Classes held in Dallas meet at The Centrum building located in Uptown Dallas. Classes held in Houston meet at the University of Texas Health Science Center at Houston. Students must complete 48 semester hours of coursework. In addition, the programs include a week-long international trip.

The high academic standards and dedicated faculty are the same as in the full-time MBA program. Information about the Houston program and the Dallas-Fort Worth program are available online.

## Dual Degree Programs

The McCombs School of Business offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Advertising | Master of Arts |
| Asian studies | Master of Arts |
| Communication studies | Master of Arts |
| Energy and earth resources | Master of Science or |
| Master of Arts |  |

## Master of Business Administration/Doctor of Medicine

In partnership with the Dell Medical School, Business Administration offers a Master of Business Administration (MBA) to medical students as part of the medical school curriculum third year requirement for experience in Innovation, Leadership, and Discovery. The MBA/MD program is one of several dual-degree programs from which medical students can choose in their third year. Through waivers of coursework that is common to both degrees, the total number of hours required to
earn both degrees through the dual-degree arrangement is decreased by 21 credit hours. Applicants to the dual-degree program are not required to submit GMAT scores with their application materials. The requirements and policies associated with the dual-degree program are published in the Medical School Catalog. More information is available from the graduate advisor in Business Administration.

## Double Degree Programs

Students interested in a Master of Business Administration degree with an international focus may seek admission to the Double Degree Program. This program allows students in the full-time MBA program to take a substantial part of their coursework at a partner school outside the United States. The student must complete at least thirty-seven semester hours of graduate coursework in residence at the McCombs School and must also fulfill the partner school's requirements for coursework in residence. Students who complete the program earn both the MBA from the University and the equivalent degree from the partner school.

Applicants must be proficient in English and must meet the language requirements of the partner school. The McCombs School offers this program in cooperation with the Chinese University of Hong Kong; Escuela de Administración de Negocios para Graduados, Lima, Peru; Fundação Getúlio Vargas, São Paulo, Brazil; Guanghua School of Management, Bejing, China; Pontificia Universidad Católica de Chile, Santiago; WHU-Koblenz Otto Beisheim School of Management, Vallendar, Germany; and various campuses of the Instituto Technológico y de Estudios Superiores de Monterrey, Mexico. Additional partner schools may be added in the future. Further information on the Double Degree Program is published online.

## Accounting

Master in Professional Accounting
Master of Science in Accounting
Doctor of Philosophy

## For More Information MPA Program

Campus address: Graduate School of Business Building (GSB) 4.112C, phone (512) 471-6559, fax (512) 471-3365; campus mail code: B6400

Mailing address: The University of Texas at Austin, MPA Program, Department of Accounting, 2110 Speedway B6400, Austin TX 78712

E-mail: mpa@mccombs.utexas.edu
URL: http://www.mccombs.utexas.edu/mpa/

## MSACC and PhD Programs

Campus address: College of Business Administration Building (CBA) 4M.202, phone (512) 471-0157, fax (512) 471-3904; campus mail code: B6400

Mailing address: The University of Texas at Austin, PhD Program, Department of Accounting, 2110 Speedway, B6400, Austin TX 78712

E-mail: accounting.phd@mccombs.utexas.edu
URL: http://www.mccombs.utexas.edu/departments/accounting/degreeprograms/doctoral

## Facilities for Graduate Work

The physical facilities, computing systems, and research centers that support graduate work in the McCombs School are described in the Business Administration section under Facilities for Graduate Work (p. 38).

## Areas of Study

The objective of this program is to provide the student with a sound foundation in the body of knowledge of business administration, broad exposure to the discipline of accounting, and the greater depth in accounting required to specialize and to enter the profession with the prospect of rapid career progress, high-level responsibility, and future leadership. The program is designed to provide outstanding students with the educational foundation for successful careers in public accounting, industry, consulting, not-for-profit organizations, and educational and financial institutions.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Rowland Atiase | Matthew R Kubic |
| :--- | :--- |
| Andrew Belnap | Volker Laux |
| Eric Chan | Stephen T Limberg |
| Shuping Chen | John M McInnis |
| Michael B Clement | Lillian Fawn Mills |
| Lisa Nicole De Simone | Jaime Joy Schmidt |
| Aysa A Dordzhieva | Sara M Toynbee |
| Jeffrey Hales | Aruhn Venkat |
| Nicholas Jennings Hallman | Brian White |
| D E Hirst | Braden Mern Williams |
| Hyun Hwang | Yong Yu |
| Steven J Kachelmeier | Wuyang Zhao |
| Urooj Khan | Ronghuo Zheng |
| Lisa L Koonce |  |

## Admission Requirements

 Master in Professional AccountingApplications to the Master in Professional Accounting (MPA) program are accepted for the fall semester only. The Admissions Committee considers each completed application, giving particular attention to the statement of purpose, prior academic performance, letters of recommendation, extracurricular and community activities, honors and achievements, test scores, work history (if applicable), and other factors.

The MPA program is sufficiently flexible to accommodate students with bachelor's degrees in any field of study. Applicants should complete the required pre-enrollment courses before applying for admission, as outlined on the MPA website. Students without a sufficient background in financial accounting will be expected to start the MPA program in the summer.

Upon admission to the program, students must pay a nonrefundable enrollment deposit to indicate that they accept the offer of admission. The deposit is applied to the payment of tuition when the student enrolls. All fees and deposits are subject to change with appropriate approval. Students should consult the General Information Catalog for the current amount of the enrollment deposit.

## Doctor of Philosophy

Admission to the PhD program is based on a holistic review by the PhD Admissions Committee of several factors, including the applicant's
motivations for doctoral study, academic and work experience, and academic credentials. The number of applicants admitted is limited by the faculty's commitment to provide financial assistance, excellent teaching, and expert guidance to each student.

## Degree Requirements, Accounting

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master in Professional Accounting

The core of the Master in Professional Accounting (MPA) curriculum consists of 25 semester hours of coursework. Four of the core courses may be waived if the student has completed equivalent undergraduate work. In addition to the core, students complete 18 hours in more specialized courses.

Depending on their undergraduate backgrounds, students must earn from 30 to 43 semester hours of credit to complete the program; all MPA students must complete at least 19 semester hours in accounting. Students must complete at least two long-session semesters in residence in the MPA program. In order to graduate, the student's overall, MPA, and accounting grade point averages must each be at least 3.00.

## Master of Science in Accounting

The Master of Science in Accounting is offered only to students who are enrolled in the doctoral program in accounting. This degree is offered in three options: with thesis, with report, and without thesis or report. The thesis option requires at least 30 semester hours of credit; the report option, at least 33 hours; and the option without thesis or report, at least 36 hours. All coursework must be logically related, and the student's entire program must be approved by the student's primary advisor and the graduate advisor. The Graduate Studies Committee's approval is not required.

## Doctor of Philosophy

The coursework for the doctoral degree includes four non-accounting core courses, five accounting seminars, and at least five courses in two supporting fields outside accounting. Students also write first-year and second-year research papers. Those without teaching experience complete Business Administration 398T and teach an entry-level accounting course. Four or five years are generally needed to complete the coursework and dissertation phases of the degree program.

## Business Analytics

## Master of Science in Business Analytics

## For More Information

Campus address: College of Business Administration Building (CBA) 5.202, phone (512) 471-3322, fax (512) 471-0587; campus mail code: B6500

Mailing address: The University of Texas at Austin, Graduate Program, Department of Information, Risk, and Operations Management (IROM), 2110 Speedway B6500, Austin TX 78712-1277

MS Business Analytics e-mail: TexasMSBA@mccombs.utexas.edu (msbusinessanalytics@mccombs.utexas.edu)

MS Business Analytics program URL: https://
www.mccombs.utexas.edu/msba

## Facilities for Graduate Work

Faculty members and graduate students in business analytics are involved in the work of the Center for Business, Technology, and Law, the Center for Research in Electronic Commerce, the risk management and insurance program, and the Supply Chain Center of Excellence. Additional research centers that support graduate work in the McCombs School, as well as the school's physical facilities and computing systems, are described in the business administration section under Facilities for Graduate Work (p. 39).

## Areas of Study

The graduate degree in business analytics is offered.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Ashish Agarwal Edward G Anderson Jr Uttarayan Bagchi
Anantaram Balakrishnan
Indranil R Bardhan
Anitesh Barua
Magdalena Bennett
Patrick L Brockett
Junyu Cao
Carlos Marinho Carvalho
Deepayan Chakrabarti
Avinash Collis
Paul Damien
Maria De Arteaga Gonzalez
James S Dyer
Rui Gao
Stephen M Gilbert
Diwakar Gupta
Genaro J Gutierrez

Sirkka L Jarvenpaa
Prabhudev C Konana
Guoming Lai
Yan Leng
Tricia Moravec
Douglas J Morrice
Jared Scott Murray
Kumar Muthuraman
Maytal Saar-Tsechansky
Thomas W Sager
James G Scott
Thomas S Shively
Ioannis Stamatopoulos
Huseyin Tanriverdi
Efstathios Tompaidis
Wen Wen
Andrew B Whinston
Thaleia Zariphopoulou
Mingyuan Zhou

## Admission Requirements

The admissions timeline and criteria for the Master of Science in Business Analytics Option III program is separate from other degrees in the department. The MSBA program begins in the second term of summer session and concludes the following spring semester. Applicants admitted to the MS in Business Analytics Option III program will be required to submit a nonrefundable enrollment deposit to secure enrollment in the program.

The MS Bridge Program offers undergraduate students at The University of Texas at Austin an opportunity to prepare for future graduate study by providing access to courses and program resources that normally require graduate standing. University of Texas at Austin undergraduate students may apply for admission through the graduate academic unit sponsoring the bridge program. Admission to a bridge program is highly competitive and does not guarantee admission to a graduate degree program. Additional information can be found at MS Bridge Program.

## Degree Requirements, Business Analytics

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Business Analytics

The Master of Science in Business Analytics Option III program is a stand-alone 36 semester-credit-hour program for students pursuing specialization in business analytics. Coursework is designed to include technical and quantitative methods from multiple disciplines, such as information management, statistics, optimization, and computer science, to solve business problems using large data sets. The program ends with a capstone project. The program is offered in a full-time face-toface format as well as in a hybrid-online format. Graduate programs in the Department of Information, Risk, and Operations Management (IROM) are overseen by the IROM Graduate Studies Committee (GSC). The IROM GSC has delegated operational authority over the MSBA program to a Program Committee consisting of faculty who teach in the program from the IROM department as well as other departments. The Program Committee determines degree requirements and rules for registration which are communicated to students in a handbook. All courses required for program completion are offered in accordance with University policies that govern non-formula-funded (Option III) programs.

## Energy Management

Master of Science in Energy Management

## For More Information

Campus address: MS Programs Office- College of Business
Administration Building (CBA) 2.502, phone (512) 232-1900
Mailing address: The University of Texas at Austin, Master of Science Programs Office, 2110 Speedway, Stop B6000, Austin TX 78712

Email address: TexasMSEM@mccombs.utexas.edu
Web address: https://www.mccombs.utexas.edu/Centers/Energy-Management-Program

The Master of Science in Energy Management (MSEMA) degree at the McCombs School of Business provides students with the ability to enhance their existing skills with required coursework in business, engineering, law, science and policy. The program is designed to allow students to contribute to the analysis of the ability of various energy sources - both fossil fuels and renewables - to meet future energy needs.

The ten-month program is offered in a face-to-face format in Austin, Texas, and begins with a summer intensive program. The fall semester provides broad training in energy, and the spring allows a student to specialize with coursework that specializes in oil and gas and electricity.

## Facilities for Graduate Work

The physical facilities, computing systems, and research centers that support graduate work in the McCombs School are described in the Business Administration section under Facilities for Graduate Work (p. 39).

## Areas of Study

The MSEMA degree addresses challenges in both electricity and oil and gas topics using tools from business, engineering, science, law, and policy.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

David E Adelman
Ross Baldick
John C Butler
Carlos Marinho Carvalho
James S Dyer
Genaro J Gutierrez

D E Hirst
Francisco Polidoro Jr
Raghunath S Rao
Ehud I Ronn
David B Spence
Sheridan Titman

## Admissions Requirements

Currently, the MS Programs Office is not admitting students into the MS in Energy Management Program.

When the MS in Energy Management Program is active, admission to the program is extremely competitive. The admission decision is based on a holistic review process that includes the applicant's academic record, test scores, essays, resume, and letters of recommendation. Students must enter the Master of Science in Energy Management Option III program in the summer semester.

The MS Bridge Program offers undergraduate students at The University of Texas at Austin an opportunity to prepare for future graduate study by providing access to courses and program resources that normally require graduate standing. University of Texas at Austin undergraduate students may apply for admission through the graduate academic unit sponsoring the bridge program. Admission to a bridge program is highly competitive and does not guarantee admission to a graduate degree program. Additional information can be found at MS Bridge Program.

## Degree Requirements, Energy Management

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Energy Management

The Master of Science in Energy Management degree requires 35 hours of credit and does not require a master's thesis or report. The program includes 18 hours of required coursework and 17 hours of prescribed electives. Elective course offerings may change from year to year as student interest and industry needs evolve. All coursework must be logically related, and the student's entire program must be approved by the graduate advisor.

## Finance

## Master of Science in Finance

Doctor of Philosophy

## For More Information

Campus address: College of Business Administration Building (CBA) 6.222 , phone (512) 471-4368, fax (512) 471-5073; campus mail code: B6600

Mailing address: The University of Texas at Austin, Graduate Program, Department of Finance, 2110 Speedway Stop B6600, Austin TX 78712

PhD program e-mail: finphd@mccombs.utexas.edu
PhD program URL: http://www.mccombs.utexas.edu/Departments/ Finance/PhD

MSF program e-mail: TexasMSF@mccombs.utexas.edu
(msfinance@mccombs.utexas.edu)
MSF program URL: https://www.mccombs.utexas.edu/graduate/ms-programs/ms-finance/

## Facilities for Graduate Work

Faculty members and graduate students in finance are involved in the work of several research centers: the AIM Investment Center; the Center for Energy Finance Education and Research (CEFER); the Hicks, Muse, Tate \& Furst Center for Private Equity Finance; and the Real Estate Finance and Investment Center. Additional research centers that support graduate work in the McCombs School, as well as the school's physical facilities and computing systems, are described in the Business Administration section under Facilities for Graduate Work (p. 38).

## Areas of Study

The graduate program in finance gives students opportunities for specialized study in behavioral finance, corporate finance, investments, financial intermediaries, international finance, energy, and finance and real estate.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Andres Almazan
Aydogan Alti
Keith C Brown
Jonathan B Cohn
Andres Francisco Donangelo
Cesare Fracassi
William Fuchs
John M Griffin
Jay C Hartzell
John William Hatfield
Travis Lake Johnson
Samuel Arthur Kruger
James Richard Lowery Jr
Stephen P Magee

Daniel P Neuhann
Andrey Ordin
Nathaniel Aaron Pancost
Robert Parrino
Ramesh K Rao
Marius A K Ring
Ehud I Ronn
Clemens Sialm
Nicholas Snashall-Woodhams
Michael Sockin
Laura T Starks
Sheridan Titman
Mindy Xiaolan

## Admission Requirements

Admission to the program is extremely competitive. The admission decision is based on a holistic review process that includes the applicant's academic record, test scores, personal statement, resume, and letters of recommendation.

Students must enter the PhD program in the fall semester. Students must enter the Master of Science in Finance Option III program in the summer semester. Applicants admitted to the Master of Science in

Finance Option III program will be required to submit a nonrefundable enrollment deposit to secure enrollment in the program.

The MS Bridge Program offers undergraduate students at The University of Texas at Austin an opportunity to prepare for future graduate study by providing access to courses and program resources that normally require graduate standing. University of Texas at Austin undergraduate students may apply for admission through the graduate academic unit sponsoring the bridge program. Admission to a bridge program is highly competitive and does not guarantee admission to a graduate degree program. Additional information can be found at MS Bridge Program.

## Degree Requirements, Finance

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks.
Please contact the program with concerns or questions.

## Master of Science in Finance

The Master of Science in Finance is offered in three options: with thesis, with report, and without thesis or report. The thesis option requires at least 30 semester hours of credit; the report option, at least 33 hours; and the option without thesis or report, at least 36 hours. The Master of Science in Finance Option III requires 36 hours and is without thesis or report. All coursework must be logically related, and the student's entire program must be approved by the student's primary advisor and the graduate advisor. The Graduate Studies Committee's approval is not required.

## Doctor of Philosophy

The core of the program is a set of courses required of all students. The core is supplemented with special courses and electives. Students are required to study one minor field in addition to finance; typically, they choose economics, statistics, or mathematics, all of which provide skills important to financial research.

A required element of the student's development as a scholar is the completion of first- and second-year summer papers. The quality of these two papers is a factor in judging the student's progress in the program. Students must take a comprehensive examination at the end of their second year. They then undertake dissertation research.

Students normally complete coursework, research, and the dissertation in approximately five years.

## Health Care Transformation

## Master of Science in Health Care Transformation

## For More Information

Campus address: Graduate School Building (GSB) 5.126A, phone (512) 471-4700, fax (512) 471-4131; campus mail code: Z1600

Mailing address: The University of Texas at Austin, MSHCT Program, Value Institute for Health and Care, Dell Medical School, 1601 Trinity St., Bldg. B, Stop Z1600, Austin TX 78712

E-mail: valueinstitute@dellmed.utexas.edu
URL: https://www.mccombs.utexas.edu/Master-of-Science-in-Health-Care-Transformation

## Areas of Study

This master's degree is designed to enable medical students and people across the health care industry to lead change in existing organizations, become transformational leaders, and create high-value services in the health sector.

The one-year Master of Science in Health Care Transformation (MSHCT) degree equips leaders and emerging leaders across the health care sector with the knowledge, skills, and abilities required to design and lead health care services that achieve better health and better value for individuals and families.

Delivered in a hybrid format, the MSHCT degree program is designed to allow students to complete degree requirements while working full time. The curriculum provides practical strategies and solutions, many of which can be implemented immediately into an organization.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Alice Andrews Kristie J Loescher<br>Kevin Bozic Douglas J Morrice<br>Erin Eileen Donovan Elizabeth Teisberg<br>Stephen T Limberg<br>Scott Wallace

## Admission Requirements

The MSHCT degree program is designed for students with professional experience across the health care sector. Exceptions will be made for medical students and/or medical residents as their training provides equivalent experience and clinical knowledge. All courses required for program completion are offered in accordance with University policies that govern non-formula-funded (Option III) programs.

All applicants will be required to meet the Graduate School's general requirements for admission. The Admissions Committee may consider waiving the GMAT/GRE requirement in the MS in Health Care Transformation program when one of the following conditions is met: (1) five years of professional experience, (2) an advanced degree, or (3) an expired GMAT/GRE. Upon admission to the program, students must pay a nonrefundable enrollment deposit to indicate that they accept the offer of admission. The deposit is applied to the payment of tuition when the student enrolls.

Admission into the MD/MSHCT dual degree program is only open to current Dell Medical School students.

## Degree Requirements, Health Care Transformation

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Health Care Transformation

Students must complete 30 credit hours of required coursework. The program is offered in a hybrid format that is designed to provide flexibility for working professionals. Students attend classes on campus several times a semester and complete online offerings in between residential periods. Every course includes face-to-face and online
sessions. Online content delivery comprises less than half of the total hours required for the degree.

## Doctor of Medicine/Master of Science in Health Care Transformation

The Dell Medical School and the McCombs School of Business offer an MD/MSHCT dual-degree program that is designed for Dell Medical students who choose to complete requirements for a Master of Science in Health Care Transformation degree while completing their MD degree program at the Dell Medical School. Applicants to the dualdegree program are not required to submit GRE/GMAT scores with their application materials. The requirements and policies associated with the dual-degree program are published in the Medical School Catalog. More information is available from the graduate advisor in the Health Care Transformation program.

## Dual Degree Programs

| Major(s) | Degree(s) |
| :--- | :--- |
| Medicine | Doctor of Medicine |

## Information, Risk, and Operations Management

Master of Science in Information, Risk, and Operations Management Doctor of Philosophy

## For More Information

Campus address: College of Business Administration Building (CBA) 5.202, phone (512) 471-3322, fax (512) 471-0587; campus mail code: B6500

Mailing address: The University of Texas at Austin, Graduate Program, Department of Information, Risk, and Operations Management, 2110 Speedway B6500, Austin TX 78712-1277

PhD program e-mail: IROMPhDAdmissions@mccombs.utexas.edu
PhD program URL: http://www.mccombs.utexas.edu/Departments/ IROM/Degree-Programs/PhD

## Facilities for Graduate Work

Faculty members and graduate students in information, risk, and operations management are involved in the work of the Center for Business, Technology, and Law, the Center for Research in Electronic Commerce, the risk management and insurance program, and the Supply Chain Center of Excellence. Additional research centers that support graduate work in the McCombs School, as well as the school's physical facilities and computing systems, are described in the business administration section under Facilities for Graduate Work (p. 39).

## Areas of Study

The graduate degrees in Information, Risk, and Operations Management are offered with four independent concentrations: decision science; information systems; operations management; and statistics.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Ashish Agarwal Edward G Anderson Jr Uttarayan Bagchi
Anantaram Balakrishnan
Indranil R Bardhan
Anitesh Barua
Magdalena Bennett
Patrick L Brockett
Junyu Cao
Carlos Marinho Carvalho
Deepayan Chakrabarti
Avinash Collis
Paul Damien
Maria De Arteaga Gonzalez
James S Dyer
Rui Gao
Stephen M Gilbert
Diwakar Gupta
Genaro J Gutierrez

Sirkka L Jarvenpaa
Prabhudev C Konana
Guoming Lai
Yan Leng
Tricia Moravec
Douglas J Morrice
Jared Scott Murray
Kumar Muthuraman
Maytal Saar-Tsechansky
Thomas W Sager
James G Scott
Thomas S Shively
Ioannis Stamatopoulos
Huseyin Tanriverdi
Efstathios Tompaidis
Wen Wen
Andrew B Whinston
Thaleia Zariphopoulou
Mingyuan Zhou

## Admission Requirements

Admission to information, risk, and operations management programs is extremely competitive. The admission decisions are based on the applicant's academic record, test scores, personal statement, résumé, and letters of recommendation. Students must enter the PhD program in the fall semester.

## Degree Requirements, Information, Risk, and Operations Management

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Information, Risk, and Operations Management

The Master of Science in Information, Risk, and Operations Management is offered only to students who are enrolled in the doctoral program in information, risk, and operations management. This degree is offered in three options: with thesis, with report, and without thesis or report. The thesis option requires at least 30 semester hours of coursework; the report option, at least 33 hours; and the option without thesis or report, at least 36 hours. All coursework must be logically related, and the student's entire program must be approved by the student's primary advisor and the graduate advisor. The Graduate Studies Committee's approval is not required.

## Doctor of Philosophy

The doctoral program in information, risk, and operations management has four areas of concentration: decision analysis, information systems, statistics, and operations management. Degree requirements vary slightly among these. After the first year, each student must pass a qualifying examination that is based on the core courses in the appropriate area of concentration. Students concentrating in information systems must also complete a first-year research paper.

In the second and third years of the program, students complete core coursework and take other methodological and contextual courses in the areas of their research interest. Students are expected to begin working on research as soon as possible, and will spend increasing amounts of
time on research as they progress through the program. At the end of the second year, students in all areas of concentration complete a research paper; students in the supply chain and operations management area of concentration also complete a comprehensive examination.

Following admission to candidacy, students undertake dissertation research, which concludes in a written dissertation and an oral defense before the student's dissertation committee.

## Information Technology and <br> Management

Master of Science in Information Technology and Management

## For More Information

Campus address: MS Programs Office- College of Business Administration Building (CBA) 2.502, phone (512) 232-1900

Mailing address: The University of Texas at Austin, Master of Science Programs Office, 2110 Speedway, Stop B6000, Austin TX 78712

Email address: TexasMSITM
(TexasMSITM@mccombs.utexas.edu)@mccombs.utexas.edu (msitm@mccombs.utexas.edu)

Web address: https://www.mccombs.utexas.edu/msitm
The Master of Science in Information Technology and Management (MSITM) Option III program is a program for students pursuing specialization in information technology and management. Coursework is designed to prepare students to draw upon both emerging and mature information technologies to develop innovative solutions to business problems. The program includes instruction on information technologies and design thinking and concludes with a capstone project. The Graduate Studies Committee for Information Technology and Management determines degree requirements and rules for registration which are communicated to students in a handbook.

## Facilities for Graduate Work

The physical facilities, computing systems, and research centers that support graduate work in the McCombs School are described in the Business Administration section under Facilities for Graduate Work (p. 39).

## Areas of Study

The Master of Science in Information Technology \& Management gives students opportunities to study topics in emerging technologies such as cloud computing, deep learning, Internet of Things, blockchain, and data science.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

## Ashish Agarwal

Indranil R Bardhan
Anitesh Barua
Constantine Caramanis
Caryn A Conley
Georgios-Alex Dimakis

## Joydeep Ghosh

Sirkka L Jarvenpaa
Christine L Julien
Maytal Saar-Tsechansky
Huseyin Tanriverdi
Sriram Vishwanath

## Admissions Requirements

Admission to the program is extremely competitive. The admission decision is based on a holistic review process that includes the applicant's academic record, test scores, essays, resume, and letters of recommendation. Students must enter the Master of Science in Information Technology \& Management Option III program in the summer semester. Applicants admitted to the MS in Information Technology \& Management Option III program will be required to submit a nonrefundable enrollment deposit to secure enrollment in the program.

The MS Bridge Program offers undergraduate students at The University of Texas at Austin an opportunity to prepare for future graduate study by providing access to courses and program resources that normally require graduate standing. University of Texas at Austin undergraduate students may apply for admission through the graduate academic unit sponsoring the bridge program. Admission to a bridge program is highly competitive and does not guarantee admission to a graduate degree program. Additional information can be found at MS Bridge Program.

## Degree Requirements, Information Technology and Management

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Information Technology and Management

The Master of Science in Information Technology \& Management (MSITM) Option III degree program is designed for students pursuing a terminal master's degree in Information Technology \& Management. Coursework is designed to teach rigorous and innovative content that will provide students with master's level knowledge, skills and abilities in the field of IT. This program requires completion of 36 semester hours of coursework and is without thesis or report.

## Management

Master of Science in Management<br>Doctor of Philosophy

## For More Information

Campus address: College of Business Administration Building (CBA) 4.202, phone (512) 471-2622, fax (512) 471-3837; campus mail code: B6300

Mailing address: The University of Texas at Austin, Graduate Program, Department of Management,
2110 Speedway Stop B6300, Austin TX 78712
E-mail: manphdadmissions@mccombs.utexas.edu
URL: http://www.mccombs.utexas.edu/departments/management/phd

## Facilities for Graduate Work

The physical facilities, computing systems, and research centers that support graduate work in the McCombs School are described in the Business Administration section under Facilities for Graduate Work (p. 39).

## Areas of Study

Students in the graduate program in management concentrate in either organization science or strategic management.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Shiva Agarwal | Andrew D Henderson |
| :--- | :--- |
| Bukky Akinsanmi | Insiya Hussain |
| Caroline A Bartel | Cha Li |
| Andrew Brodsky | Luis D I Martins |
| Ethan R Burris | Shefali V Patil |
| Johnny S Butler | Francisco Polidoro Jr |
| Janet M Dukerich | Ramkumar Ranganathan |
| Steven Gray Jr | Subrina Shen |
| Paul Green | Puay khoon Toh |
| David A Harrison |  |

## Admission Requirements

Admission to the program is very competitive. Decisions are based on the applicant's test scores, academic record (GPA and courses taken), research experience, personal statement, and letters of recommendation.

Students must enter the program in a fall semester

## Degree Requirements, Management

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Management

The Master of Science in Management degree is offered in three options: with thesis, with report, and without thesis or report. Depending on the option chosen, between 30 and 36 semester hours of credit are required. All coursework must be logically related and must be approved by the Department of Management Graduate Studies Committee.

## Doctor of Philosophy

All students take core and elective courses in the Department of Management that cover organizational behavior, organization theory, strategic management, and qualitative and quantitative research methods topics. Students must also complete at least two courses outside management that support the student's area of study and ongoing research programs.

A key objective in the student's development as a scholar is writing papers that will be published in top tier academic journals. Students will be required to write a first-year paper in the summer following their first year and present it in the fall semester of their second year. The quality of the student's work on the project is a factor in evaluating the student's progress in the degree program.

Students take the comprehensive examination, which assesses their knowledge of research methodology and of their chosen sub-field of management (organizational behavior, organization theory, or strategic management), in the summer at the end of the second year. They then undertake dissertation research as described in Degree Requirements
(p. 24). A well-prepared student generally completes the degree in five years.

## Marketing

## Master of Science in Marketing Doctor of Philosophy

## For More Information

Campus address: College of Business Administration Building (CBA) 7.202, phone (512) 471-1128, fax (512) 471-1034; campus mail code: B6700

Mailing address: The University of Texas at Austin, Graduate Program, Department of Marketing, 2110 Speedway Stop B6700, Austin TX 78712

PhD program E-mail: mktphd@mccombs.utexas.edu
PhD program URL: https://www.mccombs.utexas.edu/Departments/ Marketing/Marketing-PhD

MSM program email: texasmsm@mccombs.utexas.edu
(texasmsmarketing@mccombs.utexas.edu)

MSM program URL: https://www.mccombs.utexas.edu/msm

## Facilities for Graduate Work

The physical facilities, computing systems, and research centers that support graduate work in the McCombs School are described in the Business Administration section under Facilities for Graduate Work (p. 39). Of particular relevance to marketing students are the McCombs School Behavioral Research Laboratory and the Center for Customer Insight and Marketing Solutions, which works to develop pragmatic, market-relevant management knowledge, skills, and experience.

## Areas of Study

Graduate work in marketing is offered in the following areas: consumer behavior, marketing strategy, and quantitative marketing.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Stephen J Anderson
Kathleen T Li
Susan M Broniarczyk
William H Cunningham
Rex Du
Andrew D Gershoff
Linda L Golden
Ty Thomas Henderson
Sebastian Hohenberg
Wayne D Hoyer
Amit Kumar
Alain Lemaire

## Admission Requirements

Admission to the PhD and MS in Marketing programs is extremely competitive. Admission decisions are made by the Doctoral Admission Committee and MS in Marketing Admission Committee respectively and are based on a balanced consideration of multiple factors, including academic credentials, test scores, work experience, personal statement, and letters of recommendation. Students must enter the MS in Marketing Option III program in the summer semester. Applicants admitted to
the MS in Marketing Option III program will be required to submit a nonrefundable enrollment deposit to secure enrollment in the program.

The MS Bridge Program offers undergraduate students at The University of Texas at Austin an opportunity to prepare for future graduate study by providing access to courses and program resources that normally require graduate standing. University of Texas at Austin undergraduate students may apply for admission through the graduate academic unit sponsoring the bridge program. Admission to a bridge program is highly competitive and does not guarantee admission to a graduate degree program. Additional information can be found at MS Bridge Program.

## Degree Requirements, Marketing

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Marketing

Option I: The Master of Science in Marketing Option I degree program is offered only to students enrolled in the doctoral program in marketing. This degree is offered in three options: with thesis, with report, and without thesis or report. The thesis option requires at least 30 semester hours of credit; the report option, at least 33 hours; and the option without thesis or report, at least 36 hours. All coursework must be logically related, and the student's entire program must be approved by the graduate advisor.

Option III: The Master of Science in Marketing Option III degree program is designed for students pursuing a terminal master's degree in marketing. Coursework is designed to teach rigorous and innovative content that will provide students with master's level knowledge, skills, and abilities in the field of marketing. This program requires completion of 36 semester hours of coursework and is without thesis or report. All courses required to complete the Option III program are offered in alignment with University policies governing the delivery of non-formulafunded (Option III) degree programs.

The Master of Science in Marketing degree has been identified by the Department of Homeland Security as a STEM-eligible program for purposes of fulfilling the Optional Practical Training (OPT) extension requirement.

## Doctor of Philosophy

To be admitted to candidacy for the doctoral degree, the student must (1) fulfill the core course requirements in marketing and research methods; (2) satisfy the first-year paper requirement; (3) complete course requirements in the area of specialization; (4) pass a written comprehensive exam by the end of the second year in the program; and (5) select a dissertation topic and dissertation committee. The student then submits a dissertation proposal for committee approval, conducts dissertation research, completes dissertation coursework, and defends the final dissertation research before the dissertation committee. A wellprepared student generally completes the program in five years.

The PhD degree in Marketing has been identified by the Department of Homeland Security as a STEM-eligible program for purposes of fulfilling the Optional Practical Training (OPT) extension requirement.

## Technology Commercialization

Master of Science in Technology Commercialization

## For More Information

Campus address: Robert B. Rowling Hall (RRH) 1.320, phone (512) 471-4700, fax (512) 471-4131; campus mail code: D7700

Mailing address: The University of Texas at Austin, McCombs School of Business, MSTC Program Office, 300 W. MLK Jr. Blvd., Stop D7700, Austin TX 78712

E-mail: mstc@mccombs.utexas.edu
URL: http://www.mccombs.utexas.edu/mstc/
The STEM-designated and project-based Master of Science in Technology Commercialization (MSTC) at the McCombs School of Business focuses not only on general management knowledge and business skills but also on technology entrepreneurship, venture creation, and commercialization. The program is designed to give students the expertise necessary to convert scientific knowledge and technology to wealth by creating new products, services, and ventures. Students in the program study all aspects of starting and managing entrepreneurial and intrapreneurial ventures, assessing a technology's commercial potential, and accelerating the movement of products and services from conception to market introduction and growth. The MSTC is a STEM Designated Degree Program, as identified by the Department of Homeland Security for purposes of the 24-month STEM optional practical training extension.

The one-year executive program provides graduate education for professionals while they continue their careers. Classes meet on alternate weekends, Friday evenings and all day Saturday, for 23 weekends. The program begins with the MSTC Launch Week in Austin, Texas in late April/early May. Another intensive week in August jumpstarts the fall semester. The fall semester concludes with a required international trip. The MSTC program is offered both on-campus and online via video conference. The coursework is rigorous and demanding, requiring a serious commitment on the part of the student.

## Areas of Study

The master's degree addresses challenges in both technology policy and technology enterprise.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Shiva Agarwal
Caroline A Bartel
Andrew Brodsky
Ethan R Burris
Johnny S Butler
Janet M Dukerich
Steven Gray Jr
Paul Green

## Admission Requirements

The prospective student should have at least five years of professional experience, an above-average score on the Graduate Record Examination General Test (GRE) or the Graduate Management Admission Test (GMAT), and an undergraduate grade point average of at least 3.00.

The Admissions Committee may consider waiving the GMAT/GRE requirement in the MSTC program when one of the following conditions is met: (1) 15 years of post-graduate work experience, (2) five years of

## Degree Requirements, Technology Commercialization

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Technology Commercialization

The dates of enrollment for each semester are published in the University's academic calendar. The program requires 30 semester hours of graduate coursework. Students must enter the program in the summer and must take courses in a prescribed sequence. There are no electives.

## Courses, Business

Please see the General Information Catalog for a list of courses. The following fields of study are housed at the school level: Business Administration (B A).

For courses offered by each department within the McCombs School of Business, please see the corresponding department page in the following sections.

## Courses, Department of Accounting

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Accounting: Accounting (ACC).

## Courses, Department of Business, Government, and Society

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Business, Government, and Society: Business, Government, and Society (BGS), International Business (I B), and Legal Environment of Business (LEB).

## Courses, Department of Finance

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Finance: Finance (FIN) and Real Estate (R E).

## Courses, Department of Information, Risk, and Operations Management

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Information, Risk, and Operations Management: Management Information Systems (MIS), Operations Management (O M), Risk Management (R M), and Statistics (STA).

## Courses, Department of Management

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Management: Management (MAN).

## Courses, Department of Marketing

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Marketing: Marketing (MKT).

## Courses, Energy Management Graduate Program

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Energy Management Graduate Program: Energy Management (EMA).

## Courses, Health Care Transformation Graduate Program

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Health Care Transformation Graduate Program: Health Care Transformation (HCT).

## Courses, Technology Commercialization Graduate Program

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Technology Commercialization Graduate Program: Science and Technology Commercialization (STC).

## Moody College of Communication <br> Moody College of Communication

Master of Arts<br>Master of Fine Arts<br>Master of Science in Speech, Language, and Hearing Sciences Doctor of Audiology Doctor of Philosophy

## For More Information

Campus address: G.B. Dealey Center for New Media (DMC) 5.312, phone (512) 471-5775, fax (512) 475-9711; campus mail code: A0900

Mailing address: Moody College of Communication, 300 W. Dean Keeton, Stop A0900, Austin TX, 78712

URL: http://moody.utexas.edu/

## Facilities for Graduate Work

In addition to the extensive library and computer resources of the University, certain special resources provide support for graduate work in communication. The G.B. Dealey Center for New Media is the college's five-story, 120,000 square-foot building. It provides interactive classrooms and meeting space for students and houses the adjacent

KUT Public Media Studios. It is a state-of-the-art facility that includes a 300-seat auditorium, a multimedia newsroom, an advertising creative room, and dedicated spaces for conferences, presentations, and screenings.

Communication Building $A$ (CMA) is a six-level building housing classrooms, offices, and sophisticated multimedia facilities. Communication Building $B$ (CMB) is a nine-level production building and houses teaching and production facilities for the School of Journalism and Media and the Department of Radio-Television-Film. The extensive Behavioral Science Laboratory in CMB is a research facility housing a suite of versatile, state-of-the-art experimental rooms and laboratory spaces.

These facilities provide opportunities for programs of graduate study that cross departmental lines and media, and that combine the resources of the Moody College of Communication in other ways not feasible within a single department. Additional facilities are listed in each graduate program's section.

## Areas of Study

Graduate work in the Moody College of Communication may lead to the Master of Arts, the Master of Fine Arts, the Master of Science in Speech, Language, and Hearing Sciences, the Doctor of Audiology, or the Doctor of Philosophy, or may be taken as a supporting field for a graduate degree in an area outside the college. For the Master of Arts or Doctor of Philosophy, the student may major in advertising, communication studies, journalism, radio-television-film, or speech, language, and hearing sciences; radio-television-film majors may seek the Master of Fine Arts in film production or screenwriting; speech, language, and hearing sciences majors may seek the Master of Science in Speech, Language, and Hearing Sciences; audiology majors may seek the Doctor of Audiology degree. Advanced graduate work in communication may emphasize the processes of communication, or interdisciplinary combinations of areas of study, or appropriate subdivisions indicated by the courses taught and the specialties of faculty members.

## Admission Requirements

The applicant must have an undergraduate degree from an accredited college or university and may be required to complete up to 12 semester hours of upper-division coursework in the area of the proposed graduate major. Each program reserves the right to examine the applicant orally or in writing or both regarding the subject matter prerequisite to graduate courses in the major.

## Degree Requirements, Moody College of Communication

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The Master of Arts usually requires 30 semester hours of graduate coursework, although additional courses may be required to make up deficiencies.

## Master of Science in Speech, Language, and Hearing Sciences

The Master of Science in Speech, Language, and Hearing Sciences requires 57-60 hours for students seeking certification.

## Master of Fine Arts

The Master of Fine Arts is available only in video and film production or in writing for film and television. Information about the program is given in the Radio-Television-Film (p. 55) section.

## Doctor of Philosophy

The doctoral program cannot be defined in terms of a specific number of hours of credit, although a few core requirements may be stated. Beyond these core courses, the student is required to select a major area of study, to take courses recommended by an advisory committee in this area, and to pursue coursework in one or more supporting fields. The graduate programs in the college work closely together in the coordination of courses for the doctoral degrees in communication. Supporting fields are most commonly in the social and behavioral sciences, business, education, and linguistics, but the student may suggest other fields.

Core requirements include graduate courses in communication theory and research methodology specified by the departments. Foreign language or substitute research tool requirements are specified by Graduate Studies Committees. Students should consult the program's graduate advisor for specific requirements.

## Doctor of Audiology

The college offers the Doctor of Audiology (AuD) through the Department of Speech, Language, and Hearing Sciences. Information about the program is given in Speech, Language, and Hearing Sciences Degree Requirements (p. 56).

## Advertising

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Dealey Center for New Media (DMC) 4.338, phone (512) 471-1101, fax (512) 471-7018; campus mail code: A1200

Mailing address: The University of Texas at Austin, Graduate Program, Department of Advertising, 300 W. Dean Keeton A1200, Austin TX 78712

E-mail: gradvertising@austin.utexas.edu
URL: http://advertising.utexas.edu/

## Facilities for Graduate Work

In addition to the extensive library and computer resources available on the campus, certain special resources provide support for graduate work in advertising.

Classrooms and laboratories devoted to research and creative work in advertising include a copy and layout studio equipped with the latest computer technology for advertising design and production; the Advertising Conference Room, equipped for client and research presentations; and the Enviro Media Student Lounge.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Lucy Atkinson
Laura F Bright
Erica Ciszek
Isabella C Cunningham
Natalie Brown Devlin
Minette E Drumwright
Anthony David Dudo
Matthew S Eastin
Lee Ann Kahlor

Deena Kemp
Brad Love
Michael S Mackert
Jeeyun Oh
Kathrynn Pounders
JoAnn M Sciarrino
Natalie T J Tindall
Sean J Upshaw
Gary B Wilcox

## Admission Requirements

The entering student must hold a bachelor's degree from an accredited institution. All students must complete the following coursework prior to the first semester of enrollment: a basic marketing course and a basic statistics course.

## Degree Requirements, Advertising

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Masters Program

The Master of Arts degree is offered in two options: with thesis and no thesis. The thesis option requires at least 36 semester hours of credit; the option without thesis at least 36 hours. Advertising 382, 382J, 385, 387 , and 391 K are required. All students must also complete at least six semester hours in a minor area of study, such as marketing, sociology, anthropology, journalism, psychology, or English. No more than nine semester hours of upper-division coursework may be counted toward the degree. These courses must be approved by the graduate advisor.

The program is flexible, allowing students to focus on their specific interests through elective and minor coursework. Most students complete the program in 21 months.

Option II. The Master of Arts is offered both in a traditional format and in the Option II format. Option II provides a planned program of study that includes intensive summer work and special internationally focused enrichment opportunities. It gives students enrolled in participating academic programs access to a multinational and global experience. Option II students must complete a master's report.

## Doctoral Program

The Doctoral program cannot be defined in terms of a specific number of hours of credit, although a few core requirements are stated. The required core courses are Advertising 392 (Topic 2: Advanced Advertising Theories I), 392 (Topic 3: Advertising Research I), 392 (Topic 4: Advanced Advertising Theories II), 392 (Topic 5: Advertising Research II), and three hours of practicum coursework (Advertising 389). In addition to these required core courses, the student is required to select advertising as a major area of study and to pursue coursework in three or more supporting fields. Selected courses are recommended by an advisory committee selected by the student and their advisor. Typically, the Doctoral degree requires a minimum of 75 hours beyond the Bachelor's degree.

## Dual Degree Programs

The Department of Advertising offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Business administration | Master of Business |
| Public affairs | Administration |
|  | Master of Public |
|  | Affairs |

## Communication Studies

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Jesse H. Jones Communication Center (Academic) (CMA) A7.112, phone (512) 471-1942, fax (512) 471-3504; campus mail code: A1105

Mailing address: The University of Texas at Austin, Graduate Program, Department of Communication Studies, 2504 Whitis Avenue A1105, Austin TX 78712

E-mail: commstudies@austin.utexas.edu
URL: http://commstudies.utexas.edu/

## Facilities for Graduate Work

The graduate program provides students with a designated computer lab. The Robert Hopper Lab is equipped with multi-platform computers (five Apple and five PC), statistical software packages, tape conversion equipment, storage space, study space, and research and collaboration space, and printer. Audio recorders, clickers, and transcribing sets are available to check out from the department. A Research Participation Software system is provided for graduate students to recruit undergraduate participants for research studies.

The program provides all students with cubicle or office space within the Moody College of Communication complex. In addition, facilities are available for testing, defenses, research, Skype interviews, and various graduate student needs.

## Areas of Study

The master's and doctoral degree programs in communication studies provide training in the following areas: interpersonal communication, organizational communication and technology, and rhetoric and language studies.

The Doctor of Philosophy degree with a major in communication studies is a research degree; doctoral students can expect opportunities to work closely with the faculty on research and to participate in the publication of research findings. All doctoral students are expected to achieve mastery of research design principles and methods appropriate to their program of study.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Dawna Ballard Joshua Ben Barbour Jay Michael Bernhardt Barry Brummett Michael Butterworth Karma Ruth Chavez
Rene M Dailey
John A Daly
Erin Eileen Donovan
Shiv Ganesh
Joshua G Gunn
Roderick P Hart
Elin J Hartelius

Sharon E Jarvis
Madeline M Maxwell
Matthew S McGlone
Nik Palomares
Craig R Scott
Samantha Shorey
Stacey K Sowards
Keri K Stephens
Jurgen K Streeck
Natalie J Stroud
Scott R Stroud
Jeffrey Treem
Anita L Vangelisti

## Admission Requirements

Entering students must have a bachelor's degree (or the equivalent) from an accredited institution, and their undergraduate preparation should include at least nine semester hours of upper-division coursework in communication studies. All applicants must meet the Graduate School's admission requirements (p. 18).

Satisfying these minimum requirements does not guarantee admission. Each applicant's credentials are scrutinized by each faculty member in the program. No single criterion, such as grade point average or Graduate Record Examinations (GRE) score, is given undue weight in the decision process; every attempt is made to assess the special strengths that the applicant might bring to the program.

## Degree Requirements, Communication Studies

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

With the approval of the Graduate Studies Committee and the graduate dean, work toward the major may be divided among two or more areas in communication. To be counted toward the degree, all coursework in the major must be at the graduate level and must be completed with a grade of at least $B$. Students in the master's degree program must complete a minimum of 30 semester hours of coursework, including a thesis, or a minimum of 33 semester hours, including a report. Doctoral students normally complete all requirements in four or five years of graduate study. Individual study programs must be arranged in consultation with the graduate advisor.

## Dual Degree Programs

The Department of Communication Studies offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

## Major(s)

Business administration
Latin American studies
Public affairs

## Degree(s)

Master of Business Administration Master of Arts Master of Public Affairs

## Stackable Certificate Programs, Communication Studies

Stackable graduate certificates are available to degree-seeking and non-degree-seeking graduate students. Some stackable certificates may be awarded following completion of program requirements, while others require simultaneous awarding of the graduate certificate and a graduate degree.

See the Stackable Certificates section (p. 14) of this catalog for additional information and policies related to stackable certificates.

The graduate program for this catalog section offers the following stackable certificate programs. To see a full list of graduate certificates offered at the University, please see the Graduate Study (p. 8) section of the Graduate Catalog.

## Communication Studies: Strategic Communication

The Communication Studies: Strategic Communication stackable graduate certificate is designed for post-baccalaureate, non-degree seeking students who seek to bolster their communication skills and increase their marketability. The program requires completion of five courses ( 15 semester credit hours of coursework), all offered in a face-toface format on the UT Austin campus. The stackable graduate certificate will be offered in accordance with University policies and procedures that govern non-formula-funded (Option III) academic programs.

| Requirements | Hours |  |
| :--- | :--- | :--- |
| CMS 395C | Topics in Strategic Communication <br> (Topic 1: Persuasion, Advocacy, and <br> Social Influence) | 3 |
| CMS 395C | Topics in Strategic Communication <br> (Topic 2: The Art and Science of <br> Social Media) | 3 |
| CMS 395C | Topics in Strategic Communication <br> (Topic 3: Communicating for <br> Careers) | 3 |
| CMS 395C | Topics in Strategic Communication <br> (Topic 4: Team Building) | 3 |
| CMS 395C | Topics in Strategic Communication <br> (Topic 5: Resisting Stereotyping <br> and Prejudice) | 3 |

Total Hours

## Communication Studies: Sports Communication

The Communication Studies: Sports Communication graduate stackable certificate is designed for post-baccalaureate, degree or non-degree seeking students who desire to gain the competencies they need to interact effectively with others in the increasingly complex, diverse sports industry. The program requires completion of five courses ( 15 semester credit hours) of coursework, all offered in person. The stackable graduate certificate will be offered in accordance with university policies and procedures that govern non-formula-funded (Option III) academic programs.

| CMS 395S | Topics in Sport Communication <br> (Topic 2: Political and Crisis <br> Communication in Sports Media) | 3 |
| :---: | :--- | :---: |
| CMS 395S | Topics in Sport Communication <br> (Topic 3: Negotiation in Sports) | 3 |
| CMS 395C | Topics in Strategic Communication <br> (Topic 6: Personal Identity <br> Branding) | 3 |
| CMS 395C | Topics in Strategic Communication <br> (Topic 7: Social Media Strategies) | 3 |

Total Hours

## Journalism and Media

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: G. B. Dealey Center for New Media (DMC) 3.338, phone (512) 471-1845, fax (512) 471-7979; campus mail code: A1000

Mailing address: The University of Texas at Austin, Graduate Program, School of Journalism and Media, 300 West Dean Keeton Stop A1000, Austin TX 78712

E-mail: chelsea.stockton@austin.utexas.edu
URL: https://journalism.utexas.edu/graduate

## Facilities for Graduate Work

With a mix of national and international scholars, former news media executives, and journalists, the School of Journalism and Media faculty is one of the best and most balanced in the country. Students have access to excellent labs and facilities and state-of-the-art equipment, as well as several special resources. Within the College, The Knight Center for Journalism in the Americas, the Center for Media Engagement, the Technology \& Information Policy Institute, the Institute for Media Innovation, and the Dallas Morning News Innovation Endowment collaborate with students and faculty in Journalism and Media by providing research opportunities and internships. The Harry Ransom Center houses such collections as the Watergate papers of Bob Woodward and Carl Bernstein, as well as the world's first photograph, and the Dolph Briscoe Center for American History houses a variety of archived papers from such journalism icons as Walter Cronkite and Molly Ivins. These facilities and resources support graduate study in journalism and media that is designed to prepare students to succeed in a wide range of careers in the professional, scholarly and public domains.

## Areas of Study

The School of Journalism and Media supports a doctoral program and a Master of Arts degree. Multiple areas of emphasis are available in both degrees. The MA degree includes a professional track and a research and theory track.

The Doctor of Philosophy degree in Journalism and Media emphasizes the interdisciplinary study of media systems, including journalism, digital media platforms and technologies, and global media ecosystems. It cultivates expertise in multiple research methodologies.

The MA Research and Theory track is designed for students who seek a general conceptual foundation for media-related study and careers, or who plan to pursue doctoral study in journalism and media. It offers
extensive choices across a range of methodological and research preparation.

The MA Professional track is designed to provide or extend professional training for people who desire to work in the fields of making media, including reporters, photojournalists, and storytellers in various media forms.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Rosental C Alves
Mary A Bock
Gina Chen
Wenhong Chen
Hsiang Chyi
Renita Beth Coleman
Tracy S Dahlby
Donna De Cesare
Thomas Jerrold Johnson
Josephine Lukito
Kathleen Oveta McElroy
Rachel Davis Mersey
Dhiraj Murthy

Paula M Poindexter
Stephen D Reese
Mary Magdalen Rivas-Rodriguez
Amy K Sanders
Joseph Straubhaar
Natalie J Stroud
Sharon L Strover
Raymond Thompson Jr
Anita Varma
Samuel C Watkins
Katharine West
Samuel Christopher Woolley

## Admission Requirements

Admission to the graduate program in journalism and media is competitive, and a number of criteria are carefully considered in admissions decisions. Students admitted to the Master of Arts program must hold a bachelor's degree from an accredited institution. Students admitted to the Doctor of Philosophy program must hold a master's degree from an accredited institution.

## Degree Requirements, Journalism and Media

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The research and theory track of the MA degree requires 30 semester hours of coursework, including a thesis.

The professional track of the MA degree requires 30 semester hours of coursework and a portfolio of professional work produced during the degree.

## Doctor of Philosophy

Working with the faculty and the graduate advisor, each student develops an individual Program of Work. All students develop mastery of journalism and media research and theory. Students are required to complete five semesters of coursework ( 45 credit hours), one semester for preparing for comprehensive exams and a research proposal, and their dissertation in the final, fourth year. The program offers a variety of courses that focus on concepts, models, and theories, and includes opportunities for research, fellowships and internships.

## Dual Degree Programs

The School of Journalism and Media offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Business Administration | Master of Business |
| Administration |  |
| Latin American studies | Master of Arts |
| Global policy studies | Master of Global <br> Policy Studies |
| Middle Eastern studies | Master of Arts |
| Public affairs | Master of Public |
|  | Affairs |

## Radio-Television-Film

Master of Arts<br>Master of Fine Arts<br>Doctor of Philosophy

## For More Information

Campus address: Jesse H. Jones Communication Center (Academic) (CMA) 6.116, phone (512) 471-3532, fax (512) 471-4077; campus mail code: A0800

Mailing address: The University of Texas at Austin, Graduate Program, Department of Radio-Television-Film, 2504 Whitis Avenue A0800, Austin TX 78712

URL: http://rtf.utexas.edu/

## Facilities for Graduate Work

The extensive production facilities of the Jesse H. Jones Communication Center are available to graduate students in radio-television-film, as are the services of Information Technology Services. Research in media history, criticism, and theory is supported by the resources of the University Libraries, the Research and Collections Division of the Dolph Briscoe Center for American History, and the Harry Ransom Center, a major collection of primary materials in literature, film, and the arts. Students in global media have available to them the nationally recognized resources of the Benson Latin American Collection, the Center for Middle Eastern Studies, and the South Asia Institute.

## Areas of Study

Students seeking the Master of Arts or the Doctor of Philosophy pursue work in a number of concentrations, including identity and representation; history and criticism; media industries; global cinema and media; and digital media. Students seeking the Master of Fine Arts study film and media production, or screenwriting.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Miguel A Alvarez | Cynthia Ann Mccreery |
| :--- | :--- |
| Mary C Beltran | Curran J Nault |
| Charles E Berg | Sarah Seulki Oh |
| Wenhong Chen | Alisa H Perren |
| Mirasol Enriquez | PJ Raval |
| Caroline J Frick | Nancy Schiesari |
| Kathryn Fuller | Suzanne Scott |
| Andrew S Garrison | Adrien P Sebro |
| Lalitha Gopalan | Adriana Serrano |
| Noah Isenberg | Andrew B Shea |
| Stuart David Kelban | Dwain Y Smith |
| Shanti Kumar | Iliana Sosa |
| Richard M Lewis | Joseph Straubhaar |
| Madhavi Mallapragada | Sharon L Strover |

Jennifer McClearen

Cynthia Ann Mccreery<br>Sarah Seulki Oh<br>Alisa H Perren<br>PJ Raval<br>Nancy Schiesari<br>Adrien P Sebro<br>Adriana Serrano<br>Andrew B Shea<br>Iliana Sosa<br>Sharon L Strover

## Degree Requirements, Radio-Television-Film

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks.
Please contact the program with concerns or questions.
The student is normally expected to begin coursework in the fall semester.

## Master of Arts

The Master of Arts with thesis requires 30 semester hours of coursework, including three hours in Radio-Television-Film 395, Theory and Literature, which must be taken in the fall semester of the first year; three hours in Radio-Television-Film 380, Research Theory and Design, which must be taken in the spring semester of the first year; and six hours of Radio-Television-Film 698, Thesis. The Master of Arts with thesis is recommended for students who plan to continue their graduate work after receiving the master's degree. The Master of Arts with report requires 33 hours of coursework, including three hours of Radio-Television-Film 398R, Master's Report.

## Master of Fine Arts

This degree is available in two areas of specialization -- film and media production and screenwriting. It is designed for the student with a demonstrated commitment to production or screenwriting as a professional, artistic, or academic pursuit.

MFA students who are admitted to the film and media production specialization complete 60 hours of coursework in a three-year program that allows them to develop a foundation of production skills by creating works in both traditional and nontraditional forms. During their final semester in the program, students must enroll in Radio-Television-Film 398R, Master's Report. MFA production students must pass annual reviews of their work and must produce a final film project for public exhibition during the third year.

MFA students who are admitted to the screenwriting specialization must complete 42 hours of coursework in a program that allows them to explore writing for film and television. Students write original screenplays as well as those adapted from other material. In their final semester in the program, students must enroll in Radio-Television-Film 398R, Master's Report. In that course, in addition to the master's report, students will rewrite one or more of the scripts completed during earlier semesters.

## Doctor of Philosophy

The Master of Arts or an equivalent degree is required for admission to the doctoral degree program. The program requires completion of at least 42 semester hours of coursework beyond the master's degree; among these hours must be at least nine hours in research-tools courses and 18 hours in the student's area of specialization, including Radio-Television-Film 395, Theory and Literature taken twice, and Radio-Television-Film 380, Research Theory and Design. The student works with a faculty advisor to plan specific course requirements in their area(s) of specialization. In addition to this coursework, the student must pass comprehensive examinations in three academic areas. After successful completion of the comprehensive examinations, the student files an application for candidacy and writes the dissertation.

The graduate program does not require an enrollment deposit to accept an offer of admission. A $\$ 10.00$ general deposit is applied to the tuition bill when the student enrolls in their first semester.

## Dual Degree Programs

The Department of Radio-Television-Film offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Business administration | Master of Business |
|  | Administration |
| Latin American studies | Master of Arts |
| Middle Eastern studies | Master of Arts |
| Public affairs | Master of Public <br> Affairs |
| Russian, East European, and Eurasian studies | Master of Arts |

## Speech, Language, and Hearing Sciences

Master of Science in Speech, Language, and Hearing Sciences Doctor of Audiology
Doctor of Philosophy

## For More Information

Campus address: Jesse H. Jones Communication Center (Academic) (CMA) A4.134, phone (512) 471-2385, fax (512) 471-2957; campus mail code: A1100

Mailing address: The University of Texas at Austin, Graduate Program, Department of Speech, Language, and Hearing Sciences, 2504 Whitis Avenue A1100, Austin TX 78712-1074

E-mail: SLHSgradoffice@austin.utexas.edu
URL: http://slhs.utexas.edu/graduate/

## Facilities for Graduate Work

Program facilities and equipment are centralized through the Moody College of Communication. Students, faculty, and staff in all speech, language, and hearing sciences programs have access to the same facilities and equipment, as funded, provided, facilitated, and updated by the Moody College. The research labs within the department, the University of Texas Speech and Hearing Center, and the Michael and Tami Lang Stuttering Institute, house research and clinical equipment
that supports graduate and undergraduate study in speech, language, and hearing sciences.

## Areas of Study

The graduate degree programs in speech, language, and hearing sciences provide training in speech/language pathology, audiology, and speech and hearing science.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Courtney T Byrd | Rajinder Koul |
| :--- | :--- |
| Julia Campbell | Rosemary Anne Lester-Smith |
| Craig A Champlin | Chang Liu |
| Geoffrey A Coalson | Belem G Lopez |
| Jessica Franco | Mirza J Lugo-Neris |
| Zoi Gkalitsiou | Matthew S McGlone |
| Stephanie Marie Grasso | Mary Schmitt |
| Liberty Hamilton | Spencer Smith |
| Maya L Henry | Jun Wang |
| Corinne A Jones |  |

## Admission Requirements

Applicants to the program must meet the requirements for admission to the Graduate School given in Admission and Registration (p. 18); however, satisfying these minimum requirements does not guarantee admission. Each applicant's credentials are scrutinized by members of the faculty of the program. No single criterion, such as grade point average or Graduate Record Examinations (GRE) score, is given undue weight in the decision process; every attempt is made to assess the special strengths that the applicant might bring to the program.

## Professional Liability Insurance

Professional liability insurance is required of all students enrolled in off-campus clinical practicums in speech/language pathology or audiology. The insurance policy must cover the duration of the placement, beginning on or before the first day of the placement and extending through the final day of the placement.

## Degree Requirements, Speech, Language, and Hearing Sciences

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

Students seeking professional certification in speech/language pathology or audiology must meet coursework and clinical requirements specific to the specialization or area of study. Information about certification requirements is available from the graduate advisor.

To be counted toward the degree, all coursework in the major must be at the graduate or upper division level. Individual study programs must be arranged in consultation with the graduate advisor.

## Master of Science in Speech, Language, and Hearing Sciences

The Master of Science in Speech, Language, and Hearing Sciences is offered with a thesis or no-thesis option.

The Master of Science in Speech, Language, and Hearing Sciences with thesis: Students selecting this option must complete at least 27 semester hours in core courses, at least six hours of thesis, and in addition, students must complete clinical practicum training by enrolling in clinical practicum coursework for 24 to 27 semester hours. Enrollment in clinical practicum coursework is required for eligibility for certification through the American Speech-Language-Hearing Association (ASHA). Students who wish to opt out of eligibility for certification may do so with approval of the graduate advisor. Additional hours may be required by the program in order to meet ASHA guidelines. Students in the MSSLHS/ Ph.D. program should enroll in thesis.

The Master of Science in Speech, Language, and Hearing Sciences without thesis: Students selecting this option must complete at least 27 semester hours in core courses, at least six hours of electives, and in addition, students must complete clinical practicum training by enrolling in clinical practicum coursework for 24 to 27 semester hours. Enrollment in clinical practicum coursework is required for eligibility for certification through the American Speech-Language-Hearing Association (ASHA). Students who wish to opt out of eligibility for certification may do so with approval of the graduate advisor. Additional hours may be required by the program in order to meet ASHA guidelines.

Students have the option to seek the degree of Master of Sciences in Speech, Language, and Hearing Sciences without clinical certification. Choosing this option would waive the requirement to complete clinical practicum training ( 24 to 27 semester hours of clinical practicum coursework). Students selecting this option must complete at least 27 semester hours of core courses and at least six hours of electives or at least six hours of thesis. Students in the MSSLHS/PhD. program should enroll in thesis.

## Doctor of Audiology

The Doctor of Audiology (AuD) provides academic and clinical education for those who plan to enter the profession of audiology. The degree program involves preparation for the diagnosis and non-medical treatment of hearing and balance disorders; it is designed to prepare audiologists to meet the standards for Texas state licensure in audiology.

The program requires a minimum of 99 semester hours of coursework and is designed to be completed in four years. All preprofessional students in audiology complete the same set of core courses and basic clinical practicum. Students may choose from a set of electives based upon their specific interests. Research experiences are part of the curriculum, but a dissertation is not required.

## Doctor of Philosophy

The Doctor of Philosophy is a research degree; students can expect opportunities to work closely with faculty on research and to participate in the publication of research findings. All students in the program are expected to achieve mastery of research design principles and methods appropriate to their program of study.

The PhD program requires a minimum of 36 semester hours of coursework, and completion of a teaching portfolio and two research projects before PhD candidacy. After advancing to candidacy, students are required to complete a dissertation and pass an oral defense to satisfy degree requirements.

## Courses, Communication

Please see the General Information Catalog for a list of courses. The following fields of study are housed at the college level: Communication (COM).

For courses offered by each department within the Moody College of Communication, please see the corresponding department page in the following sections.

## Courses, Department of Communication Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Communication Studies: Communication Studies (CMS).

## Courses, Department of Radio-Television-Film

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Radio-Television-Film: Radio-Television-Film (RTF).

## Courses, Department of Speech, Language, and Hearing Sciences

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Speech, Language and Hearing Sciences: Speech, Language, and Hearing Sciences (SLH).

## Courses, School of Journalism and Media

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the School of Journalism and Media: Journalism ( J ).

## Courses, Stan Richards School of Advertising and Public Relations

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Stan Richards School of Advertising and Public Relations: Advertising (ADV) and Public Relations (PR).

## College of Education

## College of Education

Master of Arts<br>Master of Education<br>Master of Science in Health Behavior and Health Education<br>Master of Science in Kinesiology<br>Doctor of Philosophy<br>Doctor of Education

## Areas of Study

The College of Education offers graduate degree programs in the following areas: curriculum and instruction; educational leadership and policy; educational psychology; foreign language education; health behavior and health education; kinesiology; science, technology, engineering, and mathematics education; and special education.

## Degree Requirements

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

In addition to fulfilling the general requirements for all master's degrees, the student must complete at least 12 semester hours of advanced course preparation appropriate to the proposed area of concentration. Graduate advisors can provide information about these requirements and any others prescribed by the Graduate Studies Committees.

Before a student is admitted to candidacy, the Program of Work must be approved by the graduate advisor of the area of concentration and the graduate dean. Additional requirements and optional plans open to students in the areas of concentration in education are listed under the appropriate area headings or are available from the area graduate advisors.

## Master of Education

In addition to fulfilling the general requirements for all master's degrees, the student must complete 12 semester hours of advanced course preparation appropriate to the proposed area of concentration. Graduate advisors can provide information about these requirements and any others prescribed by the Graduate Studies Committees.

Of the total number of semester hours required, at least 18 must be in a particular area of concentration, which may be interdepartmental in scope and not necessarily confined to the College of Education.

Before the student is admitted to candidacy, the Program of Work must be approved by the graduate advisor of the area of concentration and the graduate dean. Additional requirements and optional plans open to students in the areas of concentration in education are listed under the appropriate area headings or are available from the area graduate advisors.

## Master of Science

A Master of Science is offered in health behavior and health education and in kinesiology. In addition to fulfilling the general requirements for all master's degrees, students in these programs must complete twelve semester hours of advanced course preparation appropriate to the proposed area of concentration, as well as a thesis or a report under the direction of their advisor. Graduate advisors can provide information about these requirements and any others prescribed by the Graduate Studies Committees.

Before a student is admitted to candidacy, the Program of Work must be approved by the graduate advisor of the area of concentration and the graduate dean. Additional requirements and optional plans open to students in the areas of concentration in education are listed under the appropriate area headings or are available from the area graduate advisors.

## Doctor of Philosophy

The Doctor of Philosophy is a research degree. The student's Program of Work includes courses in the field of specialization and supporting work outside the major. To be admitted to candidacy, the student is expected to pass a qualifying examination, written or oral or both, and to meet additional requirements established by the Graduate Studies Committee. Admission to candidacy must be approved by the Graduate Studies Committee and the graduate dean.

## Doctor of Education

The Doctor of Education is a professional degree. Program requirements vary, but each must focus predominantly on the application of knowledge. The program normally entails an internship. The requirements for admission to candidacy and course requirements are similar to those for the Doctor of Philosophy degree.

## Curriculum and Instruction

Master of Arts<br>Master of Education<br>Doctor of Philosophy<br>Doctor of Education

## For More Information

Campus address: George I. Sánchez Building (SZB) 406, phone (512)
471-5942, fax (512) 471-8460; campus mail code: D5700
Mailing address: The University of Texas at Austin, Graduate Program, Department of Curriculum and Instruction, 1912 Speedway D5700, Austin TX 78712

E-mail: cigrad@austin.utexas.edu (cigrad@uts.cc.utexas.edu)
URL: https://education.utexas.edu/departments/curriculum-instruction

## Facilities for Graduate Work

The Perry-Castañeda Library offers an extensive collection of material on education, including the Curriculum and Textbook Collections. Students also have access to an array of electronic databases, journals, and books related to curriculum and instruction through the University Libraries website. The College of Education's Information Technology Office includes a graphics laboratory, a media check-out, a computer help desk, and multiple computer laboratories. Other campus facilities, including the Sanger Learning Center, the University Writing Center and the laboratories and systems of Information Technology Services, are used extensively, and ongoing research and instructional activities are carried out in local schools.

## Areas of Study

Graduate study is offered in the following areas of specialization: bilingual/bicultural education, cultural studies in education, early childhood education, learning technologies, language and literacy studies, physical education teacher education, and social studies education. Requirements for concentrations in science, technology, engineering, and mathematics education are given elsewhere in this catalog.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Patricia Abril-Gonzalez
Jennifer Keys Adair
Flavio S Azevedo
Doris Luft Baker
Anthony L Brown
Christopher P Brown
Keffrelyn D Brown
Darla Marie Castelli
Denise Davila
Noah De Lissovoy
Tracey Terece Flores
Kevin M Foster
Maria E Franquiz
Nico Gomez Marchant
Maria Jorgelina Gonzalez tristan
Xiaofen Deng Hamilton

Joan Hughes<br>Grace MyHyun Kim<br>Eric Knuth<br>Min Liu<br>Tia Madkins<br>Beth Maloch<br>Katherina A Payne<br>Paul E Resta<br>Catherine Riegle-Crumb<br>Loriene Roy<br>Cynthia S Salinas<br>Victor Sampson<br>Allison Skerrett<br>Luis Urrieta<br>Angela Valenzuela<br>Melissa R Wetzel

## Degree Requirements, Curriculum and Instruction

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

General requirements are those for the master's degree on the Degree Requirements (p. 23) page, except that students may count no more than six semester hours of upper-division coursework toward the degree. The thesis option requires 30 hours of coursework; the report option requires 33 hours. Students who choose the language and literacy studies specialization, however, complete 36 hours of coursework for either option. The program area faculty annually conduct a review of each student's progress. For specific requirements and optional plans, consult the graduate advisor.

## Master of Education

In addition to the general requirements for all master's degrees, students must present evidence of appropriate teaching or related experience. The MEd teacher certification specialization requires 42 hours of coursework, with other tracks generally requiring 36 hours of coursework, without a thesis or a report. In some specializations, a 33-semester-hour option is available. This option requires a report. The program area faculty annually conduct a review of each student's progress. For specific requirements and optional plans, consult the graduate advisor.

## Doctor of Philosophy

Students seeking the degree of Doctor of Philosophy must show evidence of related academic and professional experience, including a master's degree or the equivalent.

## Program Requirements

Each student must complete at least 18 semester hours of organized coursework in the Department of Curriculum and Instruction. The faculty in each specialization has established a minimum number of hours of coursework required for that program.

Core courses. All students must complete nine hours in courses that form the theoretical foundation for the study of curriculum and instruction. Courses must be taken in teaching and teacher education, curriculum theory and development, and sociocultural foundations of education.

Research methodology. At least 12 hours in research methodology are required, consisting of three hours in each of the following: philosophical foundations of research, qualitative methods, quantitative methods, and an advanced course in either qualitative or quantitative research methods. Current knowledge of statistics is a prerequisite for the quantitative research methods course.

Directed research. Twelve hours in directed research are required. This requirement may be fulfilled with organized coursework that has a substantial research component and requires a research project, or through faculty-guided research studies.

Specialization courses. This coursework is defined by the faculty in the area of specialization.

## Review and Examination Requirements

First review. When the student has completed approximately one year in residence, or about 18 hours of coursework, the faculty will assess the student's progress and likelihood of finishing the program based on performance in coursework and progress in research.

Midprogram review. The area faculty conducts a mid-program review when the student has completed between 27 and 36 semester hours of coursework, including some of the required hours of directed research. Requirements vary by program area, but all students are expected to submit evidence of research activity, either conducted or proposed, and usually developed as part of Curriculum and Instruction 396T. A favorable review results in the student's continuation in the program. An unfavorable review may result in additional requirements or dismissal from the program.

Qualifying examination. To be admitted to candidacy for the degree, the student must pass a qualifying examination according to guidelines established by the faculty in the area of specialization.

Dissertation. The quality and significance of the dissertation must conform to the guidelines of the Graduate School. The PhD dissertation should make a significant contribution to knowledge and educational theory.

Annual review. In any year a student does not engage in a first or midprogram review, a qualifying examination, or dissertation, the student will engage in an annual review conducted by the program area faculty.

## Doctor of Education

The Doctor of Education is a professional degree. The degree program differs from that leading to the Doctor of Philosophy in its predominant focus on the application of knowledge and in the nature of the dissertation. At least three years of related professional experience and a master's degree or the equivalent are required for admission to this degree program.

## Program Requirements

Each student must complete at least 18 semester hours of organized coursework in the Department of Curriculum and Instruction. The faculty in each specialization has established a minimum number of hours of coursework required for that program.

Core courses. All students must complete 12 hours in courses that form the theoretical foundation for the study of curriculum and instruction. Courses must be taken in learning and teaching and teacher education, curriculum theory and development, and sociocultural foundations of education.

Research methodology. At least six hours in research methodology are required.

Field research/internship. At least six hours in field research are required, completed over at least two semesters. This research is most often conducted in a school setting and may be done during an internship. It need not be done as part of an organized course but must be directed by a faculty member.

Specialization courses. This coursework is defined by the faculty in the area of specialization.

## Review and Examination Requirements

First review. When the student has completed approximately one year in residence, or about 18 hours of coursework, the faculty will assess the student's progress and likelihood of finishing the program as shown by performance in coursework.

Midprogram review. After two semesters of field research or about two years in the program, the student submits for faculty review a written report based on the field research/internship. A favorable review results in the student's continuation in the program. An unfavorable review may result in additional requirements or dismissal from the program.

Qualifying examination. To be admitted to candidacy for the degree, the student must pass a qualifying examination according to guidelines established by the faculty in the area of specialization.

Dissertation. The quality and significance of the dissertation must conform to the guidelines of the Graduate School. In general, the EdD dissertation should make a significant contribution to knowledge about educational practice.

Annual review. In any year a student does not engage in a first or midprogram review, a qualifying examination, or dissertation, the student will engage in an annual review conducted by the program area faculty.

## Stackable Certificate Programs, Curriculum and Instruction

## Curriculum and Instruction: Learning, Action, Equity, and Design (LEAD)

The Curriculum and Instruction: Learning, Equity, Action \& Design (LEAD) stackable graduate certificate is designed primarily for K-12 educators or other related practitioners who seek to advance their technology integration and digital equity design skills for curricular and instructional work with K-12 learners. The program builds technology leaders committed to digital equity and justice. The program requires completion of four graduate-level courses ( 12 semester credit hours) and is available to degree-seeking and non-degree-seeking students. All courses required for program completion are learner-centered and project-based, offered in asynchronous online formats, with negotiated scheduling for synchronous work.

| Requirements |  |
| :--- | :--- |
| EDC 395T | Learning Technologies (Topic <br> 2: Humanizing Pedagogy and <br> Technology Integration) |
| EDC 395T | Learning Technologies (Topic 3: <br> Humanizing Pedagogy and Online <br> Teaching for K-12 Education) |
| EDC 395T | Learning Technologies (Topic 4: <br> Technology Designs for Digital <br> Justice) |

## Requirements

Hours 2: Humanizing Pedagogy and Technology Integration) Learning Technologies (Topic 3: Humanizing Pedagogy and Online Teaching for K-12 Education) Justice)

| EDC 395T | Learning Technologies (Topic 5: <br> Technology Innovation for Digital <br> Justice) |
| :--- | :--- |
| Total Hours |  |
| Educational Leadershin and |  |
| Policy |  |

Master of Education<br>Doctor of Philosophy<br>Doctor of Education

## For More Information

Campus address: George I. Sánchez Building (SZB) 348, phone (512) 471-7551, fax (512) 471-5975; campus mail code: D5400

Mailing address: The University of Texas at Austin, Graduate Program, Department of Educational Leadership and Policy, 1912 Speedway Stop D5400, Austin TX 78712

URL: https://education.utexas.edu/departments/educational-leadershippolicy

## Facilities for Graduate Work

The University and the College of Education provide outstanding computer laboratories, instructional resource centers, and libraries. Students are also encouraged to view the whole intellectual and cultural life of the University as a resource to be explored.

The Department of Educational Leadership and Policy has close working relationships with public and private schools, colleges, and universities that provide clinical sites, field experiences, and research opportunities. Many educational associations and agencies in Austin provide important additional resources for students and faculty members.

## Areas of Study

Students may choose from the following specializations: higher education leadership, educational policy and planning, principalship and superintendency. Although each specialization involves unique coursework, a common core of knowledge is required of all students.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Beth E Bukoski
Rebecca Marie Callahan
Debra Cantu
Norma V Cantu
Joshua Childs
Paul Cruz
David Edward DeMatthews
Stella Marie Flores
3 Denisa Gandara
Liliana M Garces
Matthew S Giani
Juan C Gonzales
Michael A Goodman
Terrance L Green
Jennifer J Holme
Huriya Jabbar
Manuel J Justiz

Marilyn C Kameen
Molly Beth Malcolm
Charles Martinez
Martha N Ovando
Gage E Paine
Colette Pierce Burnette
Soncia Reagins-Lilly
Richard J Reddick
Pedro Reyes
Richard M Rhodes
Victor Saenz
Lauren Schudde
Patricia Ann Somers
Luis Urrieta
Angela Valenzuela
Sarah L Woulfin

## Admission Requirements

Admission decisions are based on multiple criteria, including the applicant's academic and professional qualifications. Applicants must submit an official score on the Graduate Record Examinations General Test and must have a grade point average of at least 3.00 in upperdivision and graduate coursework. In addition, the applicant must be accepted into one of the areas of specialization listed above. The faculty for the specialization may establish additional admission requirements, such as participation in an assessment center, personal interviews, or other evidence of the student's preparation for graduate work. Information about these requirements is available from the department.

Students entering one of the doctoral programs should hold a master's degree. The master's degree need not be in education, but the applicant is expected to have knowledge of the history or philosophy of education and of human learning.

## Degree Requirements, Educational Leadership and Policy

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Education

This is a professional degree offered in two areas of specializationhigher education leadership and public school executive leadership. In the public school executive leadership specialization, the master's degree is offered in educational policy and planning, or the principalship. The master's degree in the principalship is part of the state certification program. At least 35 semester hours of coursework are required in the principalship concentration and 36 semester hours of coursework in the other areas of specialization. All specializations require at least 30 hours of approved coursework in the department. Several specializations require a minor of at least six hours outside of the department.

## Doctor of Philosophy

Programs leading to this degree emphasize preparation for a research career in which the graduate will add to the core of knowledge in the fields of educational policy or higher education leadership. Programs are oriented toward theory development and the development of research skills in a variety of methodologies and include a strong secondary emphasis in a cognate field. To be admitted to candidacy, a student must pass the mid-program review and a written and oral examinations in the area of specialization.

The student's program must consist of at least 60 semester hours of coursework at the University in addition to dissertation hours, including at least 42 hours in the Department of Educational Leadership and Policy. The student must be in residence as a full-time student for two consecutive semesters. Students may register for no more than 15 hours each semester and for no more than six hours each six-week summer term.

All students must complete the coursework listed below. Additional coursework is required in some areas of specialization.

1. Twelve hours in core areas that form the theoretical foundation for the study of administration. Core areas include educational economics and finance policy; educational politics and policy;
organizational design and behavior; and social and cultural contexts of education.
2. At least 18 hours of coursework unique to the specialization.
3. At least 15 hours (the minor) outside the College of Education but in areas supporting the field; nine hours must be in a single theme or discipline or must form an integrated sequence.
4. Twelve hours in research methods courses, including Educational Leadership and Policy 391P, 391Q, 391E. Knowledge of basic statistics is prerequisite to some research methodology courses; this knowledge may be demonstrated by coursework (which may not be counted toward the doctoral degree) or by examination.
5. The candidate must enroll for two consecutive semesters in dissertation courses.

The focus of the dissertation must be in-depth, original research that has the possibility of creating new knowledge and understanding of a particular educational construct. In addition, the implications of the dissertation research should be much wider than a specific problem in a specific context.

The dissertation committee must be comprised of a minimum of four individuals. The chair of the committee must be a faculty member with GSC status in the Department. The second and third committee members must be faculty with GSC status in the Department. The fourth member is an individual with a doctorate degree who is not a member of the student's GSC. The fourth member, if external to the University, will need to submit a curriculum vitae and communication indicating his/her willingness to serve on the dissertation committee.

## Doctor of Education

Programs for the Doctor of Education degree emphasize preparation for leadership careers in a variety of educational settings, including superintendent executive leadership and higher education executive leadership. Programs are oriented toward the application of theory and knowledge to practical problems and toward the development of sophisticated management skills and intelligent, informed leadership. To be admitted to candidacy, a student must pass the mid-program review and written and oral examinations in the area of specialization.

Doctor of Education students in the superintendent executive leadership area must take coursework that consists of at least 63 semester hours at the University in addition to the treatise courses, including at least 54 hours in the Department of Educational Leadership and Policy. Students must be in residence as full-time students for two consecutive semesters or a semester and a summer session. Students may register for no more than 15 hours each semester and for no more than six hours each six-week summer term. Students must complete the following coursework:

1. Twelve hours in core areas that form the theoretical foundation for the study of leadership. Core areas include educational economics and finance policy; educational politics and policy; organizational design and behavior; and social and cultural contexts of education.
2. At least 33 hours of coursework unique to the specialization.
3. Nine hours (the minor) outside the department but in areas supporting the field of educational leadership.
4. At least nine hours in research methods courses. Knowledge of basic statistics is prerequisite to other research methodology courses. This knowledge may be demonstrated by coursework (which may not be counted toward the doctoral degree) or by examination.
5. At least one semester in an internship or practicum. The internship is individually designed to provide each student with on-site experience in the practice of educational leadership.
6. The candidate must enroll for two consecutive semesters in treatise courses.

Doctor of Education students in the higher education executive leadership program* must take coursework that consists of at least 57 semester hours at the University including the treatise courses, including at least 48 hours in the Department of Educational Leadership and Policy. Students must be in residence as full-time students for the length of the program. Students may register for no more than 15 hours each semester and for no more than nine hours for whole summer term. Students must complete the following coursework:

1. Twelve hours in core areas that form the theoretical foundation for the study of leadership. Core areas include educational economics and finance policy; educational politics and policy; organizational design and behavior; and social and cultural contexts of education.
2. At least 15 hours of coursework unique to the specialization.
3. Nine hours (the minor) outside the department but in areas supporting the field of educational leadership.
4. Three hours in an internship course. The internship is individually designed to provide each student with enhanced experience in the practice of higher education leadership.
5. The candidate must enroll for two consecutive semesters in treatise courses.

For all Doctor of Education students, the focus of the treatise must be on problems of practice and should address a specific problem or program in a given context. The treatise can examine a particular issue or evaluate a specific program in any educational institution.

The treatise committee for the EdD must be comprised of four individuals. The chair of the committee must be a faculty with GSC status in the department. The second and third committee members must be faculty with GSC status in the department. The fourth committee member will be an individual with practical experience directly related to the proposed treatise, who holds a doctorate degree, and who is not a member of the student's GSC. The fourth member, if external to the University, will need to submit a curriculum vitae and communication indicating their willingness to serve on the treatise committee.

## Educational Psychology

Master of Arts<br>Master of Education<br>Doctor of Philosophy

## For More Information

Campus address: George I. Sánchez Building (SZB) 5.708, phone (512) 471-4155, fax (512) 471-1288; campus mail code: D5800

Mailing address: The University of Texas at Austin, Graduate Program, Department of Educational Psychology, 1912 Speedway Stop D5800,
Austin TX 78712-1289
URL: https://education.utexas.edu/departments/educational-psychology

## Facilities for Graduate Work

The University, College of Education, and Department of Educational Psychology have an array of facilities that offer excellent opportunities for research and study. Resources include technology-enhanced classrooms and meeting rooms, collaborative research space, and the Assessment and Clinical Training Center with recording and observation technology. The College of Education's Information Technology Office provides access to computer laboratories, technology help desk,
and a wide range of hardware and software useful for instructional development and research. Students also have access through the University Libraries website to electronic databases, journals, and books related to educational psychology. Training, practicum and internship opportunities are available through many schools and state and community institutions in Austin and surrounding communities.

## Areas of Study

Professional training in educational psychology relates human cognition, affect and behavior to the educational process as it occurs in the home and in peer groups, nursery school through graduate school, professional education, business and industry, the military, and other settings. In so doing, it includes study in the following areas: the biological bases of behavior; history and systems of psychology and of education; the psychological processes related to diversity and multicultural issues; the psychology of learning, motivation, cognition, and instruction; human development, culture, and learning sciences (developmental, social, and personality psychology); psychological and educational measurement, statistics, evaluation, and research methodology; and the professional areas of school psychology, counseling psychology, and counselor education, including clinical training in those areas.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Ricardo C Ainslie
Kizzy Albritton
Germine Gigi Awad
Sarah Kate Bearman
Tasha Beretvas
Cindy I Carlson
Stephanie Washbourn Cawthon
Seung William Choi
Kevin O Cokley
J Mark Eddy
Toni L Falbo
Jane S Gray
Karen L Haas
Hyeon-Ah Kang
Brian T Keller

Christopher J McCarthy
Katherine M Muenks
Kristin Neff
Jessica J O'Bleness
Michael Parent
Laura Elena Quinones Camacho Aaron B Rochlen
Erin M Rodriguez
Delida Sanchez
Diane L Schallert
Kevin D Stark
Marie-Anne P Suizzo
Tiffany A Whittaker
Veronica Yan

## Degree Requirements, Educational Psychology

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

All students seeking the Master of Arts (MA) degree in Educational Psychology concentrate coursework in an area of specialization within the department. Specializations with an available MA degree are human development, culture and learning sciences; and school psychology. The MA is also available to students enrolled in the doctoral degree program who either wish to complete a master's degree en-route to the doctorate, or who are permitted by the Graduate Studies Committee to complete a terminal MA degree.

Master of Arts (MA) in Educational Psychology with specialization in Human Development, Culture and Learning Sciences: Students pursuing the MA degree with specialization in human development, culture and
learning sciences must complete a minimum of 40 hours of coursework, with an additional three-hour Master's Report or six-hour Master's Thesis. This program is designed to train graduate students in theories of human cognition, culture, development, language, learning, motivation, social, and personality psychology.

Master of Arts (MA) in Educational Psychology with specialization in School Psychology: Students pursuing the MA degree with specialization in school psychology must complete a minimum of 68 hours of coursework. Curriculum includes academic coursework as well as clinical practicum experience. This program is designed for those interested in future doctoral training but first wish to gain experience in research or in schools employed as a Licensed Specialist in School Psychology (LSSP).

More information is available on the Educational Psychology website, or from the graduate advisor in educational psychology.

## Master of Education

The Master of Education (MEd) degree in educational psychology is available to students with specializations in human development, culture and learning sciences; quantitative methods; and counselor education.

Master of Education (MEd) in Educational Psychology with specialization in Counselor Education: Students pursuing the MEd degree with specialization in counselor education must complete a minimum of 60 hours of coursework. Curriculum includes academic coursework as well as clinical practicum experience. Within the program, there are two subject concentrations: school counseling; and higher education counseling and student affairs. The MEd program in Counselor Education is designed to prepare counselors to work in academic settings, to pursue doctoral studies in counseling psychology or related fields, and/ or pursue certification as a Licensed Professional Counselor or School Counselor.

Master of Education (MEd) in Educational Psychology with specialization in Human Development, Culture and Learning Sciences: Students pursuing the MEd degree with specialization in human development, culture and learning sciences must complete a minimum of 33 hours of coursework. This program is designed to train graduate students in theories of human cognition, culture, development, language, learning, motivation, social, and personality psychology.

Master of Education (MEd) in Educational Psychology with specialization in Quantitative Methods: Students pursuing the MEd degree with specialization in quantitative methods must complete a minimum of 35 hours of coursework. This Master's specialization is designed to provide knowledge and technical skills in the areas of applied statistics, psychometrics, and program evaluation.

More information is available on the Educational Psychology website, or from the graduate advisor in educational psychology.

## Doctor of Philosophy

The Doctor of Philosophy (PhD) with a major in educational psychology involves specialization in a program area within Educational Psychology. counseling psychology; human development, culture and learning science; quantitative methods; or school psychology. Degree plans differ depending on the areas of specialization.

Students in all specializations are required to complete core coursework in Educational Psychology, specialization coursework, and supporting coursework outside the department. Students in the specializations of counseling psychology and school psychology are required to complete additional training in the form of practicums and internship. All PhD specializations involve a dissertation: the student must successfully
present the dissertation proposal to the Graduate Studies Committee. The dissertation must represent an independent scholarly investigation of a problem pertinent to the field of educational psychology and constitute a scholarly contribution to the body of knowledge in the profession.

Required semester hours of coursework vary per doctoral specialization. Most students require at least four years beyond the bachelor's degree to complete the program; many take five years or more. A significant proportion of students in programs not requiring an internship can complete the program in four to five years, including summer sessions.

More information is available on the Educational Psychology website, or from the graduate advisor in educational psychology.

## Dual Degree Programs

The Department of Educational Psychology offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

```
Major(s)
Medicine
```


## Degree(s)

```
Doctor of Medicine
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## Master of Education/Doctor of Medicine

In partnership with the Dell Medical School, Educational Psychology offers a Master of Education (MEd) to medical students as part of the medical school curriculum, third-year requirement for experience in Innovation, Leadership, and Discovery. The MEd/MD program is one of several dual-degree programs from which medical students can choose in their third year. Applicants to the dual-degree program are not required to submit GRE scores with their application materials. The requirements and policies associated with the dual-degree program are published in the Medical School Catalog. More information is available from the graduate advisor in educational psychology.

## Health Behavior and Health Education

Master of Education<br>Master of Science in Health Behavior and Health Education Doctor of Philosophy

## For More Information

Campus address: L. Theo Bellmont Hall (BEL) 718, phone (512) 471-1273, fax (512) 471-8914; campus mail code: D3700

Mailing address: The University of Texas at Austin, Graduate Program, Department of Kinesiology and Health Education, 2109 San Jacinto Boulevard Stop D3700, Austin TX 78712

E-mail: khegradinfo@austin.utexas.edu
URL: https://education.utexas.edu/departments/kinesiology-healtheducation

## Facilities for Graduate Work

Excellent teaching and research laboratories are available to graduate students in health behavior and health education. Special classrooms and computer facilities are available. Research laboratories are also available for field research at various schools, institutions, and agencies in Austin and surrounding communities.

## Areas of Study

The programs leading to the Master of Science in Health Behavior and Health Education, Master of Education, or the Doctor of Philosophy with a major in health behavior and health education emphasize a developmental and research-based approach to health promotion across the life span.

All the health behavior and health education degree programs provide students with a solid background in the social and behavioral foundations of health. Students have the opportunity to design a course of study suited to their interests and the research interests of the faculty. The program prepares students for academic, research, and applied careers in health promotion and public health.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Lawrence D Abraham<br>John Bartholomew<br>Darla Marie Castelli<br>Edward F Coyle<br>J Mark Eddy<br>Mike Freedberg<br>Lisa Griffin<br>Carole K Holahan<br>Hao-Yuan Hsiao<br>Thomas M Hunt<br>Sara J Hussain<br>Jody L Jensen<br>Esbelle M Jowers<br>Jasdeep Kaur

Harold Willis Kohl III
Sophie Lalande
Alexandra Loukas
Brian M Mills
Liesl Nydegger
Deborah Parra-Medina
Keryn Elizabeth Pasch
Miguel Pinedo
Seth Schwartz
Mary A Steinhardt
Audrey J Stone
Hirofumi Tanaka
Janice S Todd

## Admissions Requirements

Students who lack the prerequisite coursework described below may be admitted to the Graduate School, but they must then complete coursework in the appropriate areas in addition to degree requirements.

Master's degree programs. An applicant to the Master of Science in Health Behavior and Health Education degree program or Master of Education with a major in health behavior and health education degree program program must have completed an undergraduate major in health education or a related discipline. The applicant must have completed at least three semester hours of coursework in each of the following areas: theory and methods of health education and/or health promotion, behavioral sciences, and statistics.

Doctoral degree program. An undergraduate major in health education or a related discipline is required; the student must have completed at least three semester hours of coursework in each of the following areas: behavioral sciences, research methods, and statistics. The applicant must also be sponsored by a member of the Graduate Studies Committee. Applicants to the PhD program must demonstrate the ability to conduct independent research.

## Degree Requirements, Health Behavior and Health Education

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Health Behavior and Health Education

The Master of Science in Health Behavior and Health Education (MSHBHEd) consists of at least 36 semester hours of graduate study including a six-hour master's thesis. All students seeking the MSHBHEd degree complete coursework and research in an area of departmental specialization. Six semester hours of upper-division coursework is allowed in the program of work. Six hours should be taken in the minor. The minor field consists of six semester hours taken outside the department. A statistics course, a course in research methods, and the thesis course are required.

## Master of Education

The Master of Education consists of at least 36 semester hours of graduate study including a six-hour graduate internship. Students concentrate coursework in a general program in health behavior and health education. Six semester hours of upper-division coursework is allowed in the program of work. Six hours should be taken in the minor. The minor field consists of six semester hours taken outside the department. The internship course is required.

## Doctor of Philosophy

The Doctor of Philosophy is a research degree designed to prepare students as scholars in a designated area of specialization. The program includes at least 15 semester hours of core coursework in health behavior and health education, 12 hours of statistics and research methods, and six hours of supporting coursework outside the department. Students must also complete research experience that includes at least eight hours of independent study, four hours of departmental seminar, and 18 hours in the dissertation courses.

During the student's first year in the program, the student works with their advisor to prepare a program of study, which must be approved by the Graduate Studies Committee. Prior to admission to candidacy for the doctoral degree, the student must successfully complete the comprehensive examination covering the area of specialization. The student must present the dissertation proposal to the Graduate Studies Committee. The dissertation must represent an independent scholarly investigation of a problem pertinent to the field of health behavior and health education. It deals with basic questions in the area of specialization and must constitute a scholarly contribution to the body of knowledge in the profession.

More detailed descriptions and requirements for each of the specializations are available from the graduate advisor.

## Kinesiology

Master of Education<br>Master of Science in Kinesiology<br>Doctor of Philosophy

## For More Information

Campus address: L. Theo Bellmont Hall (BEL) 718, phone (512) 471-1273,
fax (512) 471-8914; campus mail code: D3700
Mailing address: The University of Texas at Austin, Graduate Program, Department of Kinesiology and Health Education, 2109 San Jacinto Boulevard Stop D3700, Austin TX 78712

E-mail: khegradinfo@austin.utexas.edu

URL: https://education.utexas.edu/departments/kinesiology-healtheducation

## Facilities for Graduate Work

Excellent teaching and research laboratories are available to graduate students in kinesiology. Special classrooms and computer facilities are available, as well as teaching laboratories for human anatomy, biomechanics, exercise physiology, rehabilitation and movement science, motor control and learning, physical development and aging, children's movement, and athletic training. Research laboratories are available for both basic and applied research with whole-body and subcellular investigations. Also available for field research are various schools, institutions, and agencies in Austin and surrounding communities.

## Areas of Study

Students pursuing a master's degree in Kinesiology specialize in exercise physiology, movement and cognitive rehabilitation science, or sport management. Students pursuing doctoral studies can specialize in either exercise physiology, movement and cognitive rehabilitation science, or physical culture and sports studies.

Within exercise science, master's degree students follow a general course of study in exercise physiology or movement and cognitive rehabilitation science. Doctoral students in exercise science can focus on exercise physiology (basic and applied physiology, clinical physiology, etc.) or movement and cognitive rehabilitation science (biomechanics, motor control and learning, developmental science, etc).

Master's students in sport management pursue degrees that help them prepare for careers in the management, marketing, and administration of sport programs in educational settings, sport business, or the entertainment industry. The sport management Option III program is designed for early-career professionals pursuing a terminal master's degree in sport management. Doctoral students in physical culture and sports studies pursue independent doctoral research in areas related to sport history, physical culture studies, sport law, sport and politics, sport philosophy, and other related subject areas.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Lawrence D Abraham
John Bartholomew
Darla Marie Castelli
Edward F Coyle
J Mark Eddy
Mike Freedberg
Lisa Griffin
Carole K Holahan
Hao-Yuan Hsiao
Thomas M Hunt
Sara J Hussain
Jody L Jensen
Esbelle M Jowers
Jasdeep Kaur

Harold Willis Kohl III
Sophie Lalande
Alexandra Loukas
Brian M Mills
Liesl Nydegger
Deborah Parra-Medina
Keryn Elizabeth Pasch
Miguel Pinedo
Seth Schwartz
Mary A Steinhardt
Audrey J Stone
Hirofumi Tanaka
Janice S Todd

## Admission Requirements

A student who lacks the prerequisite coursework described below may be admitted to the Graduate School, but must then complete coursework in the appropriate areas in addition to degree requirements.

## Master of Education

Applicants must have completed an undergraduate major or at least 12 semester hours of upper-division coursework in physical education, kinesiology, and/or health education. Applicants to the M.Ed. in Kinesiology Option III program are required to have one year of full-time work experience at the time of enrollment.

Applicants to the master of education degree program in Kinesiology with specialization in exercise physiology must have an undergraduate major in kinesiology or a related discipline and must have completed coursework in human anatomy, exercise physiology, and vertebrate or human physiology.

Applicants to the master of education degree program in Kinesiology with specialization in movement science must have an undergraduate major in kinesiology or a related discipline, and must have completed coursework in human anatomy, vertebrate or human physiology, biomechanics, and motor learning or neuromuscular control.

Applicants to the master of education degree program in Kinesiology with specialization in sport management, are recommended to have an undergraduate major in kinesiology or a related discipline.

## Master of Science

Applicants to the master of science degree program in Kinesiology with specialization in exercise physiology must have an undergraduate major in kinesiology or a related discipline and must have completed coursework in human anatomy, exercise physiology, and vertebrate or human physiology.

Applicants to the master of science degree program in Kinesiology with specialization in movement science must have an undergraduate major in kinesiology or a related discipline, and must have completed coursework in human anatomy, vertebrate or human physiology, biomechanics, and motor learning or neuromuscular control.

Applicants to the master of science degree program in Kinesiology with specialization in sport management, are recommended to have an undergraduate major in kinesiology or a related discipline.

## Doctor of Philosophy

Applicants to the doctoral degree program in Kinesiology must be sponsored by a member of the Graduate Studies Committee and must demonstrate the ability to conduct independent research.

Applicants to the doctoral degree program in Kinesiology with specialization in exercise physiology must have an undergraduate major in kinesiology or a related discipline and must have completed coursework in human anatomy, exercise physiology, and vertebrate or human physiology.

Applicants to the doctoral degree program in Kinesiology with specialization in movement and cognitive rehabilitation science must have an undergraduate major in kinesiology or a related discipline, and must have completed coursework in human anatomy, vertebrate or human physiology, biomechanics, and motor learning or neuromuscular control.

Applicants to the doctoral degree program in Kinesiology with specialization in physical culture and sport studies, an undergraduate major in kinesiology, health, history, or other fields in the humanities.

## Degree Requirements, Kinesiology

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science

Master of Science in Kinesiology with thesis. The specializations in exercise physiology and movement and cognitive rehabilitation science consist of at least 30 semester hours of graduate study; the sport management specialization consists of at least 36 hours. All students seeking the Master of Science in Kinesiology concentrate coursework and research in an area of departmental specialization. Six semester hours of upper-division coursework is allowed in the program of work. No more than six semester hours may be taken outside the department. A statistics course, a course in research methods, and the thesis course are required.

Master of Science in Kinesiology with report. The specializations in exercise physiology and movement science consist of at least 33 semester hours of graduate study; the sport management specialization consists of at least 36 hours. Students concentrate coursework and research in an area of departmental specialization. Six semester hours of upper-division coursework is allowed in the program of work. No more than six semester hours may be taken outside the department. A statistics course, a course in research methods, and the report course are required.

## Master of Education

This degree program consists of at least 36 semester hours of graduate study. Students concentrate coursework in an area of departmental specialization or pursue a general program in kinesiology. Six semester hours of upper-division coursework is allowed in the program of work. No more than six semester hours may be taken outside the department. All specializations require at least 21 semester hours of approved coursework within the department. To complete any of the specializations, satisfactory performance in an approved culminating experience is required.


#### Abstract

Master of Education in Kinesiology Option III degree program with a concentration in Sport Management. This degree program requires completion of 30 semester hours of coursework. Coursework is designed to cover the functional areas of sport management education and prepare students for managerial and executive positions within the sport and recreation industry. All courses are delivered in an asynchronous online format.


## Doctor of Philosophy

The Doctor of Philosophy with a major in kinesiology degree program involves specialization in exercise physiology, rehabilitation and movement science, or physical culture and sports studies. Exercise physiology involves in-depth study in basic and applied exercise physiology. Movement and cognitive rehabilitation science students concentrate in biomechanics; motor control and learning; clinical movement science; sport movement science; or developmental science: pediatrics and aging. Physical culture and sports studies involves coursework in sport history, sport management, exercise history, sport and gender, and other sociocultural aspects of sport.

Each student completes coursework in preparation for a comprehensive examination in one of these specializations. The program also includes a departmental elective taken outside the area of specialization; six semester hours of graduate coursework in statistics, biometry, or an appropriate area of mathematics; nine hours of supporting work outside the department; research experience that includes at least six hours of independent study; and 18 hours in the dissertation courses. More detailed descriptions and requirements for each of the specializations are available from the graduate advisor.

During the students' first year in the program, they work with their advisor to prepare a program of study, which must be approved by the Graduate Studies Committee. Prior to admission to candidacy for the doctoral degree, the student must successfully complete the comprehensive examination covering the area of specialization. The student must present the dissertation proposal to the Graduate Studies Committee. The dissertation must represent an independent scholarly investigation of a problem pertinent to the field of kinesiology. It deals with basic questions in the area of specialization and must constitute a scholarly contribution to the body of knowledge in the profession.

# Science, Technology, Engineering, and Mathematics Education 

Master of Arts<br>Master of Education<br>Doctor of Philosophy

## For More Information

Campus address: George I. Sánchez Building (SZB) 462, phone (512) 471-7354 or 471-3747, fax (512) 471-8460; campus mail code: D5700

Mailing address: The University of Texas at Austin, STEM, 1912
Speedway Stop D5700, Austin TX 78712-0379
E-mail: sflynn@austin.utexas.edu (sflynn@mail.utexas.edu); riegle@austin.utexas.edu (ajpetrosino@austin.utexas.edu)

URL: https://education.utexas.edu/departments/curriculum-instruction/ graduate-programs/stem-education

## Facilities for Graduate Work

Facilities for graduate work include state-of-the-art computer, multimedia, and videoconferencing laboratories, laboratories for science, technology, engineering, and mathematics (STEM) research, fieldbased sites for implementation studies in local school districts, and numerous federal- and state-funded research and development projects in science, technology, engineering, and mathematics education. The University Libraries contain more than eight million volumes and provide access to a wide variety of print-based and electronic research tools, the latter through their website. Library units serving science, technology, engineering, and mathematics include the Kuehne Physics Mathematics Astronomy Library, the Mallet Chemistry Library, the Walter Geology Library, and the Life Science Library.

## Areas of Study

Graduate study in science, technology, engineering, and mathematics (STEM) education is offered through an interdisciplinary program that combines content preparation with educational research and scholarship, in a setting that fosters and supports tight links to educational practice. The program is anchored by a set of core courses addressing learning, instruction, curriculum, technology, equity, policy,
and systemic reform in STEM education, at the elementary, secondary, and postsecondary levels. Coursework is chosen from departments in the College of Education, Cockrell School of Engineering, and College of Natural Sciences, as well as other appropriate University colleges.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

David T Allen
Flavio S Azevedo
Maura Borrego
Meinhard Bayani Cardenas
Richard H Crawford
Kenneth R Diller
Nico Gomez Marchant
Maria Jorgelina Gonzalez tristan
Brent L Iverson
Eric Knuth
David A Laude
Tia Madkins
Michael P Marder

Mia K Markey
Jill A Marshall
Mona Mehdy
Shelley M Payne
Pengyu Ren
Catherine Riegle-Crumb
Stanley J Roux Jr
Victor Sampson
Michael P Starbird
Edward C Theriot
Philip U Treisman
Clark R Wilson

## Degree Requirements, Science, Technology, Engineering, and Mathematics Education

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master's Degrees

Prerequisites for admission to each master's degree program are a baccalaureate degree and prior coursework in education, science, technology, engineering, or mathematics.

Master of Arts. The program consists of 36 hours for a Master of Arts with thesis, or 33 hours for a Master of Arts with no thesis. The major field is composed of 18 hours in science, technology, engineering, and mathematics (STEM) education, including 15 hours in the STEM education core course and advance topic sequence, and three hours of research methods classes in STEM education. The minor field consists of nine hours of content courses in science, technology, engineering, or mathematics. Additional hours (six hours for the no thesis option and three hours for the thesis option) may be drawn from coursework chosen by the student in conjunction with the graduate advisor. Students pursuing the thesis option take six additional hours of coursework for thesis preparation.

Master of Education. The program is the same as the program for the Master of Arts described above, with one exception: in addition to the requirements for a Master of Arts, students must be certified to teach at the elementary or secondary level.

## Doctor of Philosophy

Students seeking the degree of Doctor of Philosophy must show evidence of related professional and academic experience. Sixty-three hours of coursework (including a minimum of six credits of dissertation) are required for the degree.

## Program Requirements

Core courses. Students must complete the 12-semester-hour core course sequence in science, technology, engineering, and mathematics education.

Content courses. Students must complete 12 semester hours of coursework in science, technology, engineering, or mathematics. This requirement is waived for students who enter the program with a master's degree in mathematics, one of the sciences, or engineering.

Research methodology. Students must complete at least 12 hours of coursework in research methodology.

Research practicum. Students must complete at least nine hours of coursework of research practicum.

Advanced topics courses. Students must complete at least six hours of coursework on special areas of interest or on emerging areas of research.

Related courses. Students are expected to broaden and deepen their Program of Work by taking a minimum of 6 hours of related coursework consonant with their scholarly interests. This coursework must be chosen in consultation with the graduate advisor or faculty mentor.

A more detailed description of all required courses is available in the STEM Education graduate handbook.

## Special Education

Master of Arts<br>Master of Education<br>Doctor of Philosophy<br>Doctor of Education

## For More Information

Campus address: George I. Sánchez Building (SZB) 306, phone (512) 471-4161, fax (512) 471-2471; campus mail code: D5300

Mailing address: The University of Texas at Austin, Graduate Program, Department of Special Education, 1912 Speedway Stop D5300, Austin TX 78712

E-mail: a.zapata@austin.utexas.edu
URL: https://education.utexas.edu/departments/special-education

## Facilities for Graduate Work

The University has an array of facilities that offer outstanding opportunities for research and study. Students may work with individual faculty members, many of whom have obtained external funding for research, development, training, and model demonstration projects involving the Texas Education Agency and school districts throughout Texas. In addition, students may work cooperatively with faculty members affiliated with the Assistive and Instructional Technology Laboratory, the Meadows Center for Preventing Educational Risk, and the Vaughn Gross Center for Reading and Language Arts. The PerryCastañeda Library contains extensive holdings in special education and related fields. Students also have access through the University Libraries website to electronic databases, journals, and books related to special education. The College of Education's Learning Technology Center provides access to a wide range of hardware and software useful for instructional development and for research. Practicum and internship opportunities are provided by a number of local schools, state facilities, and community agencies.

## Areas of Study

The Department of Special Education offers master's degrees in two areas of specialization: autism and developmental disabilities; and early childhood special education. The doctoral degree is offered in four areas of specialization: autism and developmental disabilities; early childhood special education; learning disabilities and behavioral disorders; and equity and diversity in special education. Graduate study prepares students for leadership roles in fields that serve children, youth, adults with disabilities, and their families. Students may also complete coursework to fulfill requirements for certification as a behavior analyst Although there is considerable overlap between degree and certification requirements, additional courses beyond the degree plan are usually necessary.

Master's degree program. The master's degree prepares students to provide behavior analysis, or special education services to individuals with disabilities and their families. Through coursework and field-based experiences, students acquire knowledge and skills in the areas of disabilities, advocacy, collaboration, instruction and assessment, and professional standards of legal and ethical practice, and in the sociocultural, linguistic, economic, and technological contexts in which services are provided.

Doctoral degree program. The doctoral program prepares students to assume leadership positions in institutions of higher education and in local, state, and national agencies that provide services to individuals with disabilities and their families. The core areas of study focus on advocacy, leadership roles as members of the profession, standards of legal and ethical professional practice, and developing programs and services and/or conducting research that contribute to the quality of life for individuals with disabilities and their families. Students also develop the foundation for ongoing professional development and an appreciation of the socio-cultural, linguistic, economic, and technological contexts that shape the development and delivery of services.

## Areas of Specialization

Autism and developmental disabilities provides opportunities for students to develop skills in designing, implementing, and evaluating educational interventions for people with autism and developmental disabilities.

Early childhood special education focuses on the development of early intervention programs for children from birth through six years of age, reflecting a family-centered philosophy and application of the most recent theoretical concepts in natural and inclusive settings.

Learning disabilities and behavioral disorders is a doctoral area of specialization that provides advanced coursework in contemporary trends and issues in learning disabilities and behavioral disorders. Students learn ways to conduct theoretically-driven research that addresses important issues pertinent to the major field including developing, implementing, and evaluating instructional and behavioral interventions and exploring the impact of assistive technologies on learning. Students participate in research-based experiences that help prepare them for instructional and/or leadership roles, and for conducting independent empirically-based research in the major field.

Equity and diversity in special education is a doctoral area of specialization that focuses on critical issues, knowledge, and skills related to the complex relationships between culture, race and ethnicity, language, and disability. This specialization is designed to prepare students for leadership roles in the provision of culturally and linguistically responsive educational services for exceptional children and youth from diverse backgrounds.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Doris Luft Baker Peng Peng
Diane P Bryant
Nathan Clemens
North A Cooc
Christian Doabler
Terry S Falcomata
Lauren Hazledine Hampton
Mark F O'Reilly
Peng Peng
Sarah Rannells Powell
Micheal Paige Sandbank
James L Schaller
Audrey M Sorrells
Natasha M Strassfeld
Jessica R Toste
Sharon Vaughn

## Degree Requirements, Special Education

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

Master of Arts. The Master of Arts degree is offered in three master's concentrations. The Master of Arts degree requires at least 36 semester hours of coursework, including six hours for research, and writing a thesis. The general requirements for the master's degree are set at a minimum standard. Information about additional requirements is available from the graduate advisor or coordinator.

Master of Education. The Master of Education degree is offered in three master's concentrations. The Master of Education degree requires at least 36 semester hours of coursework. The Master of Education degree with a report requires at least 36 semester hours of coursework. The general requirements for the master's degree are set at a minimum standard. Information about additional requirements is available from the graduate advisor or coordinator.

Doctor of Philosophy. Because the Doctor of Philosophy is a research degree, the program is structured to provide students with both academic and practical experience in conducting research in educational settings, clinics, and other research settings. Degree plans focus on students' areas of specialization; research; interdisciplinary studies; and professional skills related to research, teaching, and service. The dissertation is expected to be a theoretically-based piece of original research that contributes to knowledge in special education or rehabilitation counseling. In addition to coursework, all students are expected to become actively involved in a variety of professional activities, such as supervision of student teachers, conference presentations, publications, and college teaching.

Doctor of Education. Although the requirements for this degree are similar to those for the Doctor of Philosophy, the Doctor of Education emphasizes applied research, and the program is designed to prepare students for leadership roles in a variety of educational settings. Requirements include a focus on program evaluation, organizational decision-making, policy and law, and personnel preparation. The Doctor of Education dissertation may be a theoretically-based piece of original research; it may also represent a scholarly investigation in special education or rehabilitation counseling that contributes to policy development, professional practice, or both. Graduates are prepared to assume leadership roles at the district, state, or national agency levels.

## Courses, Education

For courses offered by each department within the College of Education, please see the corresponding department page in the following sections.

## Courses, Department of Curriculum and Instruction

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Curriculum and Instruction: Curriculum and Instruction (EDC), Foreign Language Education (FLE), and Science, Technology, Engineering, and Mathematics Education (STM).

## Courses, Department of Educational Leadership and Policy

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Educational Leadership and Policy. Educational Leadership and Policy (ELP).

## Courses, Department of Educational Psychology

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Educational Psychology: Educational Psychology (EDP).

## Courses, Department of Kinesiology and Health Education

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Kinesiology and Health Education: Health Education (HED), and Kinesiology (KIN).

## Courses, Department of Special Education

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Special Education: Special Education (SED).

# Cockrell School of Engineering Cockrell School of Engineering 

Master of Science in Engineering<br>Doctor of Philosophy

## For More Information

Campus address: Ernest Cockrell Jr. Hall (ECJ) 10.322, phone (512) 471-7995; campus mail code: C2100

Mailing address: The University of Texas at Austin, Academic Affairs, Cockrell School of Engineering, 301 East Dean Keeton Stop C2100, Austin TX 78712-2100

URL: http://www.engr.utexas.edu/

## Areas of Study

Graduate work in engineering may lead to the Master of Science in Engineering or the Doctor of Philosophy degree in the following majors: aerospace engineering, biomedical engineering, chemical engineering, civil engineering, electrical and computer engineering, engineering mechanics, materials science and engineering, mechanical engineering, operations research and industrial engineering, and petroleum engineering. The Master of Science in Engineering degree is also offered with a major in environmental and water resources engineering; and, through executive programs, in electrical and computer engineering, mechanical engineering, and engineering management. A graduate certificate in Engineering Education is available to degreeseeking graduate students in the Cockrell School of Engineering. Stackable Graduate Certificates, available in Mechanical Engineering and in Petroleum Engineering, provide students with the opportunity to earn a transcript-recognized, non-degree workforce-aligned credential. Integrated degree programs are available in biomedical engineering, electrical engineering, and mechanical engineering. The integrated programs result in the simultaneous awarding of a Bachelor of Science in Biomedical Engineering, Bachelor of Science in Electrical Engineering, or Bachelor of Science in Mechanical Engineering degree, and a Master of Science in Engineering (MSE) degree. Information about the concentrations offered in each field is given in the program descriptions.

## Facilities for Graduate Work

The Cockrell School of Engineering has an outstanding research and teaching facilities on the main campus and at the J. J. Pickle Research Campus. Details are given in the individual program descriptions.

## Executive Programs

Several programs allow working professionals to pursue the Master of Science in Engineering or a Stackable Graduate Certificate while employed full time. These programs are offered with alternative scheduling and modalities (weekend programs, online, and hybrid) and courses are designed to allow students to increase their career potential. Master's Degree students may major in Engineering Management, Mechanical Engineering, or Electrical and Computer Engineering. Stackable Graduate Certificates are available in Mechanical Engineering: Controls, Petroleum Engineering: Data Analytics, Petroleum Engineering: Fundamentals, and Petroleum Engineering: Unconventional Resources. These programs are specifically designed to meet identified workforce needs and provide engineers and STEM professionals with immediately applicable skills and knowledge to be useful for their lives and careers. Programs offering onsite classes generally meet once a month on Fridays and Saturdays. Programs offered online are synchronous or asynchronous. Additional information about these executive and alternatively scheduled programs for STEM professionals is published by Texas Engineering Executive Education.

## Degree Requirements, Cockrell School of Engineering

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Engineering

This degree is offered in three options: with thesis, with report, and without thesis or report. All three options may not be available in any one
field of study; information about the options in each of the fields is given in the program descriptions.

## Doctor of Philosophy

The Doctor of Philosophy is a research degree. The student pursues coursework approved by the Graduate Studies Committee in the field of specialization and in supporting work outside the major. Before admission to candidacy, the student is expected to pass qualifying examinations and to meet additional requirements established by the Graduate Studies Committee. Admission to candidacy must be approved by the committee and the graduate dean. A dissertation that is an original contribution to scholarship and is the result of independent investigation in the major area is required of every candidate.

## Dual Degree Programs

The Cockrell School offers three dual degree programs: one in mechanical engineering (manufacturing and decision systems engineering) and business administration, one in biomedical engineering and medicine, and one in civil engineering and public affairs. More information is available from the graduate advisor in each program.

## Intercollegial Programs

Graduate engineering study may also be a component of the master's and doctoral degrees in computational science, engineering, and mathematics described in Intercollegial Programs (p. 178).

## Aerospace Engineering

Master of Science in Engineering<br>Doctor of Philosophy

## For More Information

Campus address: Aerospace Engineering (ASE) 2.228, phone (512) 471-7595, fax (512) 471-3788; campus mail code: C0600

Mailing address: The University of Texas at Austin, Graduate Program in Aerospace Engineering, Department of Aerospace Engineering and Engineering Mechanics, 1 University Station, 2617 Wichita Street, C0600, Austin TX 78712

E-mail: ase.grad@mail.ae.utexas.edu
URL: http://www.ae.utexas.edu/

## Objectives

The aerospace engineering graduate program focuses on teaching and research in analytical, computational, and experimental methods in the areas of aerothermodynamics and fluid mechanics; solids, structures, and materials; structural dynamics; guidance and control; and orbital mechanics. The student may concentrate in any of these five areas. The objectives of the program are to enable the student to attain a deeper understanding of aerospace engineering fundamentals, a knowledge of recent developments, and the ability as a master's degree student to participate in research and as a doctoral degree student to conduct individual research. The goals are accomplished through coursework, seminars, and active research programs.

## Areas of Study and Facilities

Aerothermodynamics and Fluid Mechanics. This concentration involves study and research in experimental, theoretical, and computational aerodynamics, gas dynamics, turbulence, plasma dynamics, heat transfer, and combustion. Research is presently being conducted
in nonequilibrium and rarefied gas flows, planetary atmospheres, turbulence control, shock-boundary layer interactions, thermal and glowdischarge plasmas, turbulent mixing/combustion, numerical methods for turbulent reacting flows, and advanced optical diagnostics and sensors. Facilities include Mach 2 and Mach 5 blowdown wind tunnels, a 50 kw inductively coupled plasma torch, a $15^{\prime \prime} \times 20^{\prime \prime}$ water channel, a laser sensor laboratory, combustion facilities, a plasma engineering laboratory, and extensive laser and camera systems for advanced flow diagnostics. Excellent computational facilities include a variety of workstations, and access to very-large-scale, high-performance computers at the Texas Advanced Computing Center.

Controls, Autonomy and Robotics. The Controls, Autonomy and Robotics (CAR) area within the Department of Aerospace Engineering and Engineering Mechanics at The University of Texas at Austin conducts research in controls, networks, autonomy, and robotics with applications to the automation, navigation, guidance, control, and flight mechanics of space and air vehicles and robotic systems.

Major research topics include dynamic games, secure perception, decision-making and path-planning under uncertainty, motion planning of robotic systems, uncertain control systems, data-driven control and model reduction, uncertainty quantification, machine learning and adaptive control, multi-vehicle coordination, swarming, and fractionation, optimal decision-making in multi-agent systems, information theory in control, vision- and radio-based navigation, controlled-mobility wireless networks, robust communications, autonomy, trust, and human-machine teaming. Several of these projects advance both foundational research and aerospace applications with funding from the Defense Advanced Research Projects Agency, the Air Force Office of Scientific Research, the National Science Foundation, the Office of Naval Research, the Missile Defense Agency, National Aeronautics and Space Administration, the U.S. Space Force, the Jet Propulsion Laboratories, and the Army Research Lab. Faculty from the CAR area also maintain fruitful engagements and active collaborations with leading industry partners from the aerospace and robotics sectors.

Robotics at UT Austin also offers the Graduate Portfolio Program in Robotics which provides graduate students the opportunity to obtain an official "certification of expertise" in robotics with their Masters or Ph.D. degree from their home departments.

Orbital Mechanics. This area involves study and research in the applications of orbital mechanics and remote sensing in the context of spacecraft and celestial bodies. Applications and customers include NASA, military, a variety of governmental agencies, and the rapidly growing commercial space industry. Research in spaceflight mechanics includes trajectory and mission design, nonlinear optimization, numerical methods, perturbations, dynamical systems theory, high fidelity simulation, and high performance computing. Research in nonlinear estimation provides observable properties of dynamical systems in order to enable autonomous operations of spacecraft and groundbased tracking for satellite applications and situational awareness. Research in space domain awareness and space traffic management seeks to develop and deliver the decision-making science for the space community. Example topics include space object detection, tracking, identification, and characterization via multi-source information collection, curation, and fusion. Research in satellite applications include the development of space geodetic and both active and passive satellite remote sensing techniques, such as Interferometric Synthetic Aperture Radar (InSAR), laser and microwave tracking of satellites, and the Global Navigation Satellite Systems (GNSS). Application areas include measurement and interpretation of global Earth System variables such as the gravity field, loading, Earth rotation, and terrestrial reference frames; their application to research in the atmosphere, biosphere, cryosphere, and hydrosphere, as well as their mutual interactions; and

GNSS signals, assurance, and applications for navigation and precise positioning. Research is supported by a large database of satellite remote sensing measurements, state-of-the-art high performance computing resources, GPS receivers, and image processing equipment.

Solids, Structures, and Materials. This concentration involves study and research in mechanics of composite materials, fracture mechanics, micromechanics of materials, constitutive equations, mechanical behavior at high strain rates, structural analysis, and structural stability. Experimental facilities include equipment for static structural testing; digital data acquisition equipment; uniaxial and biaxial materialstesting machines; custom loading devices; environmental chambers; microscopes; photomechanics facilities; composites processing equipment; facilities for microstructural analysis; and high-speed imaging and high-strain-rate mechanical testing facilities. Computing facilities include workstations, high-performance computers, and networks of workstations.

Structural Dynamics. This concentration involves study and research in theoretical, computational, and experimental structural dynamics, including aeroelasticity, rotor dynamics, morphing structures, adaptive structures, vibration and noise control, and computational techniques for very-large-scale vibration analysis. Computational and experimental facilities include high-performance shared- and distributed-memory multiprocessor systems, actuators, sensors, balances, and dataacquisition systems for structural testing, system identification, and control. Facilities for testing aeroelastic models on a whirl test stand or in a wind tunnel are also available.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Maruthi R Akella
Efstathios Bakolas
Srinivas V Bettadpur
Fabrizio Bisetti
Tan Thanh Bui
Jingyi Chen
John-Paul Clarke
Noel T Clemens
Clinton N Dawson
Leszek F Demkowicz
David Fridovich-Keil
David B Goldstein
Rui Huang
Thomas J Hughes
Todd E Humphreys
Moriba Jah
Brandon A Jones
Stelios Kyriakides
Chad Matthew Landis

Kenneth M Liechti
Nanshu Lu
Lori A Magruder
Mark E Mear
J T Oden
Laxminarayan L Raja
Manuel Karl Rausch
Krishnaswa Ravi-Chandar
Gregory J Rodin
Ryan P Russell
Luis Sentis
Jayant Sirohi
Takashi Tanaka
Ufuk Topcu
Thomas Carlton Underwood
Philip L Varghese
Mary F Wheeler
Karen E Willcox
Renato Zanetti

## Admission Requirements

The prerequisite for graduate study in aerospace engineering is a bachelor's or master's degree in aerospace engineering or in a related field of engineering or science. Graduate study in orbital mechanics is possible for those with degrees in engineering, science, or mathematics.

## Degree Requirements, Aerospace Engineering

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office
and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Engineering

Students seeking the master's degree have three options, each requiring a total of 30 semester hours of credit. The thesis option requires 24 semester hours of coursework plus six hours in the thesis course. The report option requires 27 hours of coursework plus three hours in the report course. The option without a thesis or report requires 30 semester hours of coursework. Students receiving financial aid through the sponsorship of the department are expected to choose the thesis option. The report option and the option without a thesis or report each can be completed in one year.

Regardless of the option chosen, a student is required to take six hours of supporting coursework outside of their technical area. Only courses completed on the letter-grade basis may be counted toward the degree. Only three hours of business-related courses may be counted. Students may count no more than six hours of upper-division undergraduate coursework toward the degree.

## Doctor of Philosophy

Students are expected to complete 90 credit hours after their BS degree (including coursework and research credit) to earn a PhD. This expectation, however, may be waived simply by the agreement of the student's research advisor(s) and/or dissertation committee.

The PhD program consists of coursework, qualifying examinations, and the dissertation. Students who have master's degrees must complete at least nine hours of coursework; those who enter the graduate program with bachelor's degrees must complete at least 39 hours of coursework.

To be admitted to candidacy for the Doctor of Philosophy degree, the student must pass both a written and an oral examination. The written examination is general in nature and covers subject matter studied through the first year of graduate work. The oral examination is in the student's specialty area and is conducted by a committee of faculty members whose interests are in that area. Students may not take courses on the credit/no credit basis until they have passed the written qualifying examination.

## Biomedical Engineering

Master of Science in Engineering Doctor of Philosophy

## For More Information

Campus address: Biomedical Engineering Building (BME) 3.308AF, phone (512) 475-8500, fax (512) 471-0616; campus mail code: C0800

Mailing address: The University of Texas at Austin, Graduate Program, Department of Biomedical Engineering, 107 W. Dean Keeton St. C0800, Austin TX 78712

E-mail: bme-grad@engr.utexas.edu
URL: http://www.bme.utexas.edu/

## Objectives

Graduate degrees in biomedical engineering have been offered by the University since 1974. The undergraduate degree program and the Department of Biomedical Engineering were established in 2001. The department fosters a unique environment in which scholars and
scientists may excel in both fundamental research and its translation to clinical applications.

The mission of the UT Austin graduate program in biomedical engineering is to educate students in the fundamentals of engineering and science as they affect biology and medicine and to perform multidisciplinary, disease-oriented research at the molecular, cellular, organ, and systemic levels. The program aims fully to integrate biology and engineering research and education at the graduate level.

The graduate program has approximately 130 students, with backgrounds in biology, chemistry, physics, and various engineering disciplines. Students come from all over the United States and the world to gain unique knowledge and experience. Apart from coursework and research in some of the world's premier laboratories, there are many opportunities for personal and professional development through interaction with industry professionals, conference attendance, and seminars with leaders in the field.

Doctoral students receive full financial support, either through teaching assistant or graduate research assistant positions or through one of many fellowships. More than half the students in the program have fellowships from a source like the National Science Foundation, National Institutes of Health, the Graduate School, or the Cockrell School of Engineering.

## Facilities for Graduate Work

The Department of Biomedical Engineering has offices and laboratories in the Biomedical Engineering Building, completed in 2008, and laboratories in the Engineering and Education Resource Center, completed in 2017. Research is also conducted in the Dell Medical School, at partner institutions in Houston such as the M.D. Anderson Cancer Center, and at the University of Texas Health Science Center at San Antonio. Students have access to facilities for research in biochemical and protein engineering, cell and tissue engineering, gene therapy, cell-electronic interfaces and nanostructure engineering, cell biomechanics, whole-body biomechanics and gait analysis, thermal engineering, optical spectroscopy and imaging, ultrasound imaging, laser-tissue interactions, image processing, biosignal analysis and computer graphics, protein bioinformatics, functional genomics, biomimetics, protein modeling, and computational disease diagnosis.

In addition to individual research laboratories, a number of core facilities are available for research at the medical school campuses. The following are located on The University of Texas at Austin campus:

## Institute for Biomaterials, Drug Delivery, and Regenerative Medicine.

The institute provides a focal point for impactful activities in research, education, and service in biomaterials, Drug Delivery, and regenerative medicine-key areas to transforming health care. Areas of focus are cancer, cardiovascular diseases, neurological diseases, diabetes, and infections and autoimmune diseases. More information provided online.

Center for Emerging Imaging Technologies. The CEIT brings together basic and clinical scientists, engineers, and physicians from medical centers within Texas, building on strengths in optical imaging, biomedical optics, ultrasound, and image processing to create novel imaging approaches for understanding basic biological processes as well as clinical applications in the diagnosis and treatment of diseases. The center fosters collaborative research at the interface of chemical, physical, mathematics, engineering, and life sciences. Areas of focus are imaging contrast agents, image processing, modeling and informatics, and clinical translation of imaging techniques and therapeutics. More information provided online.

Willerson Center for Cardiovascular Modeling and Simulation.
The overarching goal of the WCCMS is developing computational biomechanical models for understanding the heart valve and heart disease progression for developing clinical interventions, including prosthetic devices. The Center develops or utilizes a range of unique in-vivo and in-vitro data for elucidating mechanisms that underlie the observed pathologies. The Center ultimately seeks to provide cardiovascular scientists and clinicians with advanced simulations for the rational development of treatments for structural heart and valve diseases. More information provided online.

Center for Computational Oncology. As our knowledge of cancer grows, there is a desperate need to make real connections between those designing clinical trials and those studying mathematical models of tumor growth and treatment response so that the field of theoretical oncology can provide systematic, testable predictions of the response of individual patients to individual therapeutic regimens. The long-term goal of the CCO is to build a testable, mathematical theory of cancer. Cancer biologists could use such a theory to discover new biology, while oncologists could select the most promising treatment for an individual patient in a systematic fashion. More information provided online.

Institute for Cellular and Molecular Biology core facilities. The Institute for Cellular and Molecular Biology (ICMB) was created by the College of Natural Sciences to foster the growth of modern cell and molecular biology research at the University. The ICMB provides four core user facilities. The DNA and Genomics Facility provides automated sequencing and fragment analysis. Two ABI Prism 377 DNA sequencers and an ABI 3700 DNA analyzer are used. The ABI 3700 is a capillary-based sequencer that allows up to six hundred samples to be run daily; the facility currently analyzes more than two thousand samples monthly, with a success rate of about 95 percent. An average run generates readable data between five hundred and seven hundred bases, and turnaround time is one or two days.

The Protein Microanalysis Facility provides de-novo N-terminal protein/ peptide sequencing, internal sequencing/peptide mapping, amino acid composition analysis, peptide synthesis, and mass spectrometry (ESIMS, LC-MS, and MALDI-TOF-MS). Liquid chromatography, high-pressure liquid chromatography (HPLC), and capillary electrophoresis are available for preparative and analytical runs. Two protein sequencers, an amino acid analyzer, a peptide synthesizer, a capillary electrophoresis system, an analytical HPLC system, an electrospray mass spectrometer, and a MALDI-TOF mass spectrometer are operated in the facility. The running of gels and electroblotting for sequencing also can be arranged.

The Microscopy and Imaging Facility contains a 100kv transmission electron microscope (TEM), a high-resolution 100kv TEM, a scanning electron microscope (SEM), a flow cytometer, and a laser scanning confocal microscope. The laser scanning fluorescence confocal microscope features a krypton/argon mixed gas laser, an ultraviolet laser, and DIC optics in an inverted microscope. Three channels can be monitored simultaneously at high resolution. The lasers supply excitation at $354 / 361 \mathrm{~nm}, 488 \mathrm{~nm}, 568 \mathrm{~nm}$, and 647 nm .

Texas Materials Institute and Center for Nano and Molecular Science and Technology core facilities. The Texas Materials Institute (TMI) maintains core facilities in electron microscopy, surface analysis, polymer characterization, and X-ray scattering. The Center for Nano and Molecular Science and Technology (CNM) is a multidisciplinary, collaborative research center focused on several emerging areas of research. A multidepartmental effort of the College of Natural Sciences and the Cockrell School of Engineering, CNM houses extensive shared user facilities, including a picosecond fluorescence lifetime spectrometer/microscope; an FTIR spectrometer; a near-field scanning optical microscope; organic thin film fabrication equipment;
beam lithography systems; a molecular force probe microscope; a transmission electron microscope; and a time-correlated single photon counting facility.

Animal Resources Center facilities. The Animal Resources Center (ARC) is a 14,000 -square-foot state-of-the-art facility in which animal surgical procedures are performed. A separate building houses transgenic and knock-out animals. The facility is fully staffed and equipped in compliance with NIH and AAALAC guidelines for accreditation. Available are animal operating rooms, support staff, equipment for preparing tissue specimens, and veterinary consultation for both animal husbandry and surgery.

Computer and computational facilities. All research groups maintain computers for use by their graduate students, and each academic unit has one or more core computer facilities. The University also has core computer user facilities across campus. In addition, advanced computational facilities are maintained by the Oden Institute for Computational and Engineering Sciences. Extensive computing facilities are available to faculty members and students, including a scientific visualization lab, a medium-sized massively parallel processing computer, a network of 18 RS6000s networked by optic fiber, and many Xterminals. Also available are a 45 -node Intel Paragon and a 32 -node Cray J90.

Library facilities. The University has outstanding library facilities, including a general collection of 2.5 million volumes in the PerryCastañeda Library and topical collections in specialized libraries like the Mallet Chemistry Library, the McKinney Engineering Library, and the Life Sciences Library.

## Areas of Study

The biomedical engineering program is interdisciplinary, with a faculty that includes members of the Dell Medical School, College of Natural Sciences, the Departments of Kinesiology and Health Education, Chemistry and Biochemistry, Psychology, Biomedical Engineering, and several other departments in the Cockrell School of Engineering. In addition, several faculty members from the University of Texas Health Science Center at San Antonio, the University of Texas Health Science Center at Houston, and the University of Texas M. D. Anderson Cancer Center serve on the Graduate Studies Committee and supervise biomedical engineering students.

The current research of this faculty is focused in the following areas: biomedical imaging and instrumentation; cellular and biomolecular engineering; computational biomedical engineering; and molecular, cellular, and tissue biomechanics. Research activities embrace such topics as bioinstrumentation, modeling and control of biological systems, nerve fiber regeneration, biomedical computer and information technology, biomechanics, cell and tissue mechanics, thermal processes, musculoskeletal modeling, acquisition and analysis of in vivo and ex vivo spatial human biomechanics data, acquisition of physiological data by noninvasive means, cell and tissue engineering, design and testing of novel fluid and drug delivery systems, effects of laser radiation on biological material, laser applications in medicine, coherence imaging of biological materials, pulsed photothermal tomography, biorheology, visual system instrumentation, computer vision, production and purification of genetically engineered proteins, DNA and drug delivery, cell-electronic interfaces, acquisition and processing of neurological signals, neuroprostheses, applications of finite element modeling in medicine, acoustics and ultrasound, image processing, thermography, hyperthermia, genomic signal processing, biological and medical informatics, and nanotechnology.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Lawrence D Abraham<br>Chandrajit L Bajaj<br>Aaron Blair Baker<br>Adela Ben-Yakar<br>Alan C Bovik<br>Amy Brock<br>Adam Bush<br>Edward Castillo<br>Ray T Chen<br>Elizabeth Cosgriff-Hernandez<br>Zhengrong Cui<br>Kevin N Dalby<br>Kenneth R Diller<br>Ming-Chieh Ding<br>Andrew K Dunn<br>Donald L Elbert<br>Andrew Ellington<br>Nicholas P Fey<br>Ilya J Finkelstein<br>Wilson S Geisler III<br>George Georgiou<br>Debadyuti Ghosh<br>Joydeep Ghosh<br>Vernita Gordon<br>Hyun Jung Kim<br>Nanshu Lu<br>Rongze Lu<br>Edward M Marcotte<br>Mia K Markey<br>Jose del R Millan<br>Sapun Harshad Parekh

## Admission Requirements

The graduate advisor and the Admissions Committee make all admission decisions. Standards for entrance into the program exceed the minimum standards established by the University. Students must have a bachelor's degree with the following coursework or equivalent knowledge: freshman biology, freshman inorganic chemistry, physiology, differential equations, probability and statistics, and calculus-based physics. An applicant with a degree in an area other than engineering must take specified preliminary coursework before applying to the graduate program in biomedical engineering. The coursework does not need to be completed at UT Austin. Information about the admission process is given online.

Admission decisions are based on a careful review of all aspects of each applicant's file, including scores on the Test of English as a Foreign Language, if needed, grade point average, letters of recommendation, résumé, personal statement, transcripts, previous research or work experience, and contributions to the broader impacts of the field. Only the most qualified applicants are accepted. Graduate Record Examination (GRE) scores are not considered as part of the application file and applicants are not advantaged in the admissions process by submitting GRE scores. All applications received by the applicable deadline are reviewed holistically. The number of students admitted each semester depends on the availability of supervising faculty members to provide research facilities and possible financial support. Students are admitted for doctoral study. Students interested in a terminal master's degree are required to obtain faculty nomination before applying. Admission is offered for fall entry only.

Admission into the Doctor of Medicine/Master of Science in Engineering dual degree program is only open to current Dell Medical Students.
Admission into the integrated Bachelor of Science in Biomedical Engineering/Master of Science in Engineering degree is only open to current biomedical engineering undergraduate students at The University of Texas at Austin.

All applicants whose native language is not English must submit a score on the Test of English as a Foreign Language (TOEFL), unless exempt. More information is given online.

## Degree Requirements, Biomedical Engineering

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

The Master of Science in Engineering and the Doctor of Philosophy degree programs include a core curriculum and courses from one or more areas of specialization selected with the approval of the graduate advisor. Specializations are offered in the following four areas: biomedical imaging and instrumentation; cellular and biomolecular engineering; computational biomedical engineering and bioinformatics; and molecular, cellular, and tissue biomechanics. The graduate advisor and the Executive Committee of the Graduate Studies Committee must approve deviation from the prescribed curriculum.

## Master of Science in Engineering

The master's degree requires at least 30 semester hours of coursework, including six hours in the thesis course and 18 hours of biomedical engineering coursework. The remaining six semester hours can be selected from courses outside the field of biomedical engineering. These additional courses must be logically related to the student's program and must be approved by the graduate advisor.

A thesis is normally expected; however, with the consent of the graduate advisor, the student may follow a degree plan that includes a report or one with neither thesis nor report. The report option requires 30 semester hours of coursework, consisting of six courses in the major, three courses in supporting work, and three hours in the report course. The plan without thesis or report requires 30 semester hours of coursework, consisting of at least six courses in the major and up to four courses in supporting work.

Integrated Bachelor of Science in Biomedical Engineering/Master of Science in Engineering Program. The integrated degree program results in simultaneously awarding a Bachelor of Science in Biomedical Engineering (BSBME) and a Master of Science in Engineering (MSE) degree offered by the graduate program in biomedical engineering. The objective of the Integrated BSBME/MSE Program is to enable prepared undergraduates in Biomedical Engineering to earn two degrees in a shortened time period. By applying AP and Credit by Exam courses, having students take recommended summer courses, and allowing seniors to enroll in graduate-level engineering courses reserved for graduate credit, the program enables graduates to complete both degree requirements in five years.

Graduates of the integrated program will receive the BSBME and MSE degrees simultaneously after successfully completing the 127 SCH for the BSBME and 30 SCH for the MSE, a total of 157 SCH . It is expected that students in this program will graduate with both degrees in a total of five years to completion.

Information regarding the integrated program requirements and policies may be obtained from the Biomedical Engineering Academic Advising Office in BME 3.308.

## Doctor of Philosophy

Doctoral degree students complete at least 26 semester hours of coursework beyond the baccalaureate degree, in addition to conducting research necessary to write a dissertation under the direction of a faculty supervisor. The 26 hours of coursework must be composed of one course from each of the three specializations mentioned above, two seminar courses, one biological/clinical sciences course, one mathematics or statistics course, and three other supporting graduate-level courses. One technical course may be substituted with one approved graduate-level professional development course. All coursework must be approved by the graduate advisor in advance.

After the first year of study, the student must pass both written and oral components of the qualifying examination. The student must present a written and oral dissertation proposal to the dissertation committee within two years of enrollment in the program. The written proposal must be formatted according to the guidelines of the National Science Foundation or the National Institutes of Health. Before taking the oral examination, the student is expected to formulate a hypothesis and propose an approach to a selected research problem with a selected supervisor. The student is examined specifically on the proposed research. After the oral examination, the dissertation committee determines if the student should complete additional coursework. At least one faculty member outside the biomedical engineering Graduate Studies Committee must participate in examining and supervising the student.

## Dual Degree Program

The Department of Biomedical Engineering offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Medicine | Doctor of Medicine |

## Doctor of Medicine/Master of Science in Engineering

The Department of Biomedical Engineering offers an MD/MSE program that is designed for medical school students who choose to complete requirements for an MSE degree while completing their MD degree program at the Dell Medical School. Through waivers of coursework that is common to both degrees, the total number of hours required to earn both degrees through the dual-degree arrangement is decreased by 12 credit hours. The requirements and policies associated with the dual-degree program are published in the Medical School Catalog. More information is available from the graduate advisor in biomedical engineering.

## Chemical Engineering

Master of Science in Engineering Doctor of Philosophy

## For More Information

Campus address: Chemical and Petroleum Engineering Building (CPE) 2.802, phone (512) 471-6991, fax (512) 475-7824; campus mail code: C0400

Mailing address: The University of Texas at Austin, Graduate Program, McKetta Department of Chemical Engineering, Stop C0400, Austin TX 78712

E-mail: chemegrad@utexas.edu (chemegrad@che.utexas.edu)
URL: https://che.utexas.edu/academics/graduate-program

## Objectives

The graduate program in chemical engineering is designed to provide students with the opportunity to develop advanced competence in transport phenomena, thermodynamics, and reaction engineering for the application of chemistry to the advancement of society. Through formal coursework and mentoring, each student is expected to acquire the tools to develop and transmit new knowledge and processes in a focused area of chemical engineering. The focused research areas include advanced materials, polymers and nanotechnology, biotechnology, energy, environmental engineering and sustainability, modeling and simulation, and process engineering.

## Program Educational Objectives

Upon graduation, those who earn advanced chemical engineering degrees are expected to

1. Become leading professionals who advance chemical engineering practice and knowledge in multiple fields, such as energy, materials, environmental and systems engineering, electronics, biotechnology, human health, and education;
2. Continue to educate themselves as their needs, interests, and circumstances dictate;
3. Become ethical and productive engineers, who recognize and acknowledge the local and global impacts of engineering technology on humans and the environment.

## Facilities for Graduate Work

The McKetta Department of Chemical Engineering contains laboratories, offices, and all facilities necessary for research and instruction. Research is conducted in the Chemical and Petroleum Engineering Building and across Main Campus, and also at the J. J. Pickle Research Campus. Excellent library facilities include the Mallet Chemistry Library, the McKinney Engineering Library, and the Kuehne Physics Mathematics Astronomy Library.

The extensive computer facilities available for graduate student research include more than one hundred microcomputers and workstations in the Chemical and Petroleum Engineering Building as well as super computing facilities in the Texas Advanced Computing Center. Computer graphics capabilities are available. State-of-the-art analytical instrumentation, located within the department and in other departments, is available for use by chemical engineering graduate students.

The department enjoys close relations with the chemical, petroleum, and materials processing industries. A number of cooperative research projects are carried out with the support of private companies. A substantial portion of the graduate student research is supported through federal grants and contracts.

## Areas of Study

Biochemical and biomedical engineering. Protein and nucleic acid engineering, metabolic engineering, synthetic biology, systems biology, bioinformatics, fermentations, genetic engineering technology, mammalian tissue culture, biomaterials, biosensors, biomolecular
interactions, cell and tissue engineering, virus removal from blood, hemodialysis.

Chemical engineering fundamentals. Kinetics and catalysts, thermodynamics, transport phenomena.

Energy resources. Secondary and tertiary oil recovery, flow processes in porous media, acid gas treating, energy control and efficiency, photovoltaics, battery technology.

Environmental engineering and sustainability. Air pollution measurements, modeling and control, air pollutant and chemical exposures, atmospheric chemistry.

Materials and processes for microelectronics. Plasma processing, etching, chemical vapor deposition, selective laser sintering, supermolecular self-assembly and organization, colloidal systems, mesoscopic materials.

Meso- and molecular-scale modeling and simulation. Statistical and micromechanical modeling and Monte Carlo, Brownian, and molecular dynamics simulations of reactions, complex fluids, polymers, and biological molecules.

Polymer engineering. Synthesis; processing; reaction injection molding; properties, with specific emphasis on blends, transport, and thermodynamic behavior; membranes; microelectronics; thin film; composition.

Process engineering. Chemical reaction engineering and catalyst development; optimization; process simulation, dynamics, and control; fault detection, rheology and simulation of suspensions.

Separations. Membrane separations, distillation, absorption, supercritical extraction.

Other areas. Aerosol science, surface phenomena, crystal chemistry and physical properties, electrochemistry, electronic and optical materials, electrical impedance tomography.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

David T Allen
Hal S Alper
Michael Baldea
Brian Belardi
Roger T Bonnecaze
Joan F Brennecke
James R Chelikowsky
Lydia Maria Contreras
Thomas F Edgar
John G Ekerdt
Robert B Eldridge
Benny D Freeman
Venkat Ganesan
George Georgiou
Lea Hildebrandt Ruiz
Gyeong S Hwang
Keith P Johnston
Benjamin Keith Keitz

Brian A Korgel
Manish Kumar
Nathaniel Lynd
Arumugam Manthiram
Jennifer A Maynard
Delia Milliron
Charles B Mullins
Zachariah Allen Page
Nicholas A Peppas
Joaquin Resasco
Gary T Rochelle
Adrianne M Rosales
Gabriel Sanoja
Mukul M Sharma
Mark A Stadtherr
Thomas M Truskett
Wennie Wang

## Admission Requirements

Students with a Bachelor of Science degree in chemical engineering usually fulfill requirements for consideration for admission.

Students with a bachelor's degree in another discipline, such as chemistry, physics, other engineering sciences, and natural sciences, must have a background the department considers satisfactory for the study of advanced chemical engineering. A strong background will have included courses in math (including calculus and differential equations), vector physics, and ideally some courses that cover the topics of thermodynamics, heat and mass transfer, and chemical kinetics.

Apart from the requirements of the Graduate School, the department has no set criteria for admission. Applications are viewed holistically based GPA, research experience, letters of recommendation, and personal statements. We view each of these categories as important and the admission committee ranks applications according to these metrics.

## Degree Requirements, Chemical Engineering

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Engineering

The student's program of coursework is selected with the advice of the graduate advisor and must be approved by the Graduate Studies Committee.

Master of Science in Engineering with thesis. For students electing this option, 30 semester hours of coursework, including six hours in the thesis course, are required. At least 15 hours must be completed in graduate-level organized chemical engineering courses. Up to nine hours of graduate research in chemical engineering may be counted towards the 30 hours requirement. A grade point average of at least 3.00 must be attained on graduate coursework in the major.

A thesis problem is selected after the student has consulted members of the Graduate Studies Committee. The thesis research problem should be selected during the first semester and initial research begun at that time. At least one full year is required to complete the master's degree program

Master of Science in Engineering with report. This option requires 30 hours of coursework, including three hours in the report course. At least 18 hours must be completed in graduate-level coursework, of which at least 15 hours must be in chemical engineering. Up to nine hours of graduate research in chemical engineering may be counted towards the 30 hour requirement. A grade point average of at least 3.00 must be attained on graduate coursework in the major.

Master of Science in Engineering without thesis or report. For students electing this option, 30 semester hours of coursework are required. At least 18 semester hours must be completed in graduate coursework in chemical engineering, and at least six hours must be outside chemical engineering. Three hours of upper-division coursework may be included, and three hours of graduate research in chemical engineering may be included. No research is required, but a grade point average of at least 3.00 must be attained on graduate coursework in the major. Enrollment in this option must be approved by the Chair of the Graduate Studies Committee in chemical engineering.

## Doctor of Philosophy

A student may choose to pursue the doctoral degree without first obtaining a master's degree. To be eligible for admission to candidacy,
the student must pass the three core curriculum graduate courses in thermodynamics, transport phenomena, and kinetics, followed by a preliminary oral examination. Three additional courses in any field or major are required for the degree; organized graduate courses in Chemical Engineering or upper-level undergraduate and graduate courses outside Chemical Engineering will be counted towards this requirement. Only courses in which a student earns a C or higher will be counted. The doctoral candidate must also complete annual meetings with their committee and pass a final oral examination covering the research program.

For a student with a Bachelor of Science degree, at least three years are required to complete the Doctor of Philosophy degree program

## Civil Engineering

## Master of Science in Engineering <br> Doctor of Philosophy

## For More Information

Campus address: Ernest Cockrell Jr. Hall (ECJ) 4.200, phone (512) 471-4921, fax (512) 471-0592; campus mail code: C1700

Mailing address: The University of Texas at Austin, Graduate Program in Civil Engineering, Department of Civil, Architectural, and Environmental Engineering, 301 East Dean Keeton C1700, Austin TX 78712

E-mail: caee.grad@engr.utexas.edu
URL: http://www.caee.utexas.edu/

## Objectives

The objectives of the graduate program in civil engineering are excellence in engineering education, research, and professional service. The program seeks to educate students to assume leadership positions in engineering practice, research, and education. The program also seeks to advance the state of the art and of the practice of civil engineering at both fundamental and applied levels through extensive research programs, and to disseminate the research outcomes through professional and scholarly activities. The program's thematic areas include architectural engineering, construction engineering and project management, construction materials, environmental and water resources engineering, geotechnical engineering, ocean engineering, structural engineering, and transportation engineering, as well as interdisciplinary areas of study.

## Facilities for Graduate Work

The Department of Civil, Architectural, and Environmental Engineering occupies eight floors in Ernest Cockrell Jr. Hall, which also houses computer facilities for use by civil engineering students. In addition, the facilities of Information Technology Services are available to students working on problems in any of the areas listed below. Laboratories are equipped and staffed to provide for both instruction and research.

Building energy and environments.The Building Energy and Environments program investigates a wide range of issues related to building environments and environmental systems. The program research focuses on energy flows and conservation methods; building energy efficiency; environmental control systems; moisture transport and control; indoor microbial growth and fate; sources of VOCs, SVOCs, and particles; homogeneous and heterogeneous reactions; transport of indoor pollutants; and human exposure. Beside taking coursework in other areas of civil engineering and in other departments, students have a chance to specialize in building environmental systems and various aspect of indoor environmental quality. The diverse
faculty, with expertise ranging from environmental, architectural, and mechanical engineering, offers a large variety of graduate courses that address different aspects of indoor air quality and energy efficiency of building environmental systems. This provides students with a unique opportunity to receive both the depth and breadth of knowledge necessary to design and maintain truly sustainable buildings. Students, faculty, and staff within the Building Energy and Environments Group conduct their research in academic laboratories equipped with cuttingedge instrumentation and simulation systems. The research activities take place in laboratories at the Center for Energy and Environmental Resources at the University of Texas' J. J. Pickle Research Campus. Five separate laboratories totaling 6,000 square feet are devoted to building energy and environments research on the J. J. Pickle Research Campus. These laboratories are used for experiments using physical simulation systems, preparation for field studies, instrumentation calibration and maintenance, and analysis of samples collected in the field or in laboratory. The laboratories contain a wide range of instruments and facilities and among the physical simulation systems are a $1,200-$ square-foot test house, three full scale test rooms with state-of-the-art environment control systems, a variety of small chambers for testing emissions from building materials, human simulators such as a thermal manikin with breathing systems, and a family of wind tunnels for testing various components of heating, ventilation, and air conditioning systems (HVAC).

Construction engineering and project management. The construction laboratories include a well-equipped computer cluster on the main campus and a high-bay laboratory for construction automation research at the J. J. Pickle Research Campus. Software includes threedimensional computer-assisted drafting and modeling packages, statistical packages, construction project management software, discrete modeling and simulation packages, advanced communication hardware, and software developed through research. The program also has access to the Texas Advanced Computing Center Visualization Laboratory, which makes available various world-leading research and teaching infrastructure such as a 307 Mpixel display and a largescale, tiled display supporting 32-point multi-touch for collaborative manipulation. Students also benefit from the many facilities under construction on campus and in the surrounding community as living laboratories for class visits and research studies.

Infrastructure materials engineering. The graduate program in infrastructure materials engineering emphasizes the characterization and testing of materials such as asphalt, cement, aggregates, concrete, steel, masonry, wood, polymers, and composites. Research and coursework focus on the materials science, property development, field performance, durability, forensics, and repair of infrastructure materials. The Laboratory for Infrastructure Materials Engineering (LIME) is located at the J. J. Pickle Research Campus. Excellent facilities are available for proportioning and batching concrete, mechanical testing, and durability testing, including both accelerated tests and outdoor exposure sites. The laboratory has the capability to perform a wide range of materials tests, including freezing and thawing, alkali-silica reaction, shrinkage, creep, aggregate characterization, rapid chloride, and corrosion evaluation. Microscopes, $x$-ray diffraction, thermal analysis instrumentation, and rheometers are also available. The Infrastructure Materials Performance and Characterization (IMPACT) laboratory is located in Ernest Cockrell Jr. Hall and is dedicated to the characterization and testing of asphalt binders and mixtures. The lab includes facilities to synthesize different asphalt binders, fabricate test specimens and evaluate them under a variety of different temperature and loading rate conditions. In addition to the above labs, students also take advantage of central facilities such as UTCT for X-ray CT and Texas Materials Institute for materials investigation using tools such as gel permeation chromatograph, atomic force microscope, scanning electron microscope etc.

## Environmental and water resources engineering.

Program. This program is designed to educate engineers who will solve environmental and water resources problems by applying concepts of sustainability and fundamental principles from the natural sciences, mathematics, mechanics, economics, and other underlying disciplines. To achieve this objective, the program offers a breadth of possible research and study areas. The faculty is one of the largest and most diverse in the nation, with expertise ranging from environmental fluid mechanics to water resources planning and from pollutant transport to treatment processes. The major areas of emphasis are treatment process engineering, air resources engineering, environmental remediation, water quality, water resources engineering, and ocean engineering. Because the program requires no specific courses, each student's education can be designed to meet their goals. The faculty offers a wide variety of courses, and students may choose courses in other related fields, such as chemical engineering, chemistry, geology, mathematics, microbiology, petroleum engineering, physics, and public policy. Once students choose a particular study area, they work closely with the faculty member or members conducting research in that area. Each student's program of study includes a balanced combination of coursework, seminars, and research. Well-equipped research laboratories, state-of-the-art instrumentation, and superb computation facilities support the graduate program, as do cooperation and coordination with research faculties and laboratories in physical, chemical, biological, and social sciences and other engineering disciplines.

Facilities. Environmental and water resources engineering laboratories are well-equipped for both basic and applied state-of-the-art research in virtually all environmental and water resources areas. On campus, the program has twenty thousand square feet of space on three floors of Ernest Cockrell Jr. Hall for physical, chemical, and biological analyses and for research on water, wastewater, and hazardous waste treatment processes. Facilities include a clean room for metal or particulate analysis, four laboratories with temperature and humidity control, numerous hoods for the safe handling of hazardous chemicals and biological samples, and an instrumentation laboratory for characterization of analysis of environmental samples in air, water, and soil matrices. Additional analytical equipment is available in other departments on the main campus.

The Computational Hydrodynamics Laboratory in Ernest Cockrell Jr. Hall has a high-performance computer cluster ( 16 nodes of eight cores each, Intel Xeon E5420 processors). This cluster provides the necessary platform for solving nonlinear flow problems about complex hull and/ or propulsor geometries (involving cavities or free surfaces), and for developing algorithms for the design of efficient propeller or tidal turbine blades using nonlinear optimization techniques.

The Program in Air Resources Engineering maintains 5,000-square-feet of laboratory space in five laboratories at the Center for Energy and Environmental Resources. These laboratories also include facilities for studying outdoor sources of volatile organic compounds and indoor sources and sinks of volatile chemicals. A wide range of instrumentation is available for field monitoring in both indoor and outdoor environments. The Center for Energy and Environmental Resources also maintains extensive computational resources for air quality modeling and energy and climate change research.

The Center for Research in Water Resources is located at the J. J. Pickle Research Campus. Computational research focuses on applications of geographic information systems using ArcInfo and ArcView, simulation of pollutants in soil and groundwater, and assembly and synthesis of historical water quantity and quality information. The experimental research uses scaled physical models, models of innovative wastewater treatment facilities, and field monitoring of water quality. The 24,000-
square-foot laboratory includes general- and special-purpose fixed and tilting channels and instrumentation and data acquisition systems for laboratory and field studies.

Geotechnical engineering. This program is designed to offer students a broad range of activities with a solid basis in the core areas of geotechnical engineering. Graduates receive a strong background in the basics through courses in geotechnical engineering, which offer the foundation for a successful professional career. In addition, the program exposes students to research activities that are at the forefront of developments in the field.

The geotechnical engineering laboratories are located in the Ernest Cockrell Jr. Hall and at the Pickle Research Campus. The laboratories include modern workstations for conducting standard geotechnical tests, including index tests, flexible wall permeameter tests, onedimensional and triaxial consolidation, direct shear tests, and triaxial shear tests.

The soil dynamics laboratory has extensive facilities for combined resonant column and torsional shear testing. Large-scale multimode equipment is available for dynamic laboratory testing with specimens up to 0.3 meters in diameter. The geosynthetics laboratory includes tensile testing devices, a large-scale pullout testing device, large-scale time-temperature testing equipment, as well as specialized interface shear tensile devices. The unsaturated soils laboratory includes pressure plate testing devices, hanging columns, infiltration column systems, and multiple calibration chambers.

The ground improvement/pore fluid engineering research laboratories include one cyclic direct simple shear and one cyclic triaxial device; both devices can be run under static/cyclic loading with stress/strain complete servo control. Special setups for testing grouted soils, including static triaxial setups, are available as well. The laboratories have an advanced rheometer than can measure the engineering properties of fluids, suspensions, and gels. The facilities also include a multi-use dynamic/static (MUDS) testing setup that consists of a shaking table with a laminar box mounted on top of it. The MUDS testing setup allows for running 1-D 1-g free top shaking table tests on large specimens ( $1 \mathrm{~m} \times 0.5 \mathrm{~m} \times 0.5 \mathrm{~m}$ with shaking along the 1 m direction). The setup allows for running large scale static and cyclic simple shear tests as well as direct shear tests at confining stresses up to 200 kPa .

The rock mechanics laboratory is equipped to carry out uniaxial and triaxial tests with confinement of up to 70 MPa and with the possibility of controlling the pore pressure up to 70 MPa ; and direct shear tests both in stiffness control and in load control; all of the above equipment is completely servocontrolled, and any sensor may be used to program the tests. Additional rock testing capabilities include: slake durability, point load, Brazilian (indirect tensile), Cerchar, brittleness, Sievers' J, abrasion value (on rock and soil), rebound hardness (Schmidt Hammer), pulse velocity and dynamic elastic constants, swelling, unit weight, porosity, and water content.

The centrifuge laboratory includes a high G-level centrifuge permeameter that was developed with the specific objective of expediting the measurement of the hydraulic characteristics of soils. It includes a water flow control system and an in-flight data acquisition system capable of collecting data under accelerations in excess of 500 Gs . In-flight instrumentation includes systems suitable to measure the infiltration rate (flow pump and outflow transducer), volumetric water content (time domain reflectometry), matric suction (tensiometers), and volumetric changes (displacement transducers). A small prototype centrifuge is also available in the laboratory for hydraulic testing of soil samples.

For model studies of foundation systems, two large test tanks are available together with loading and tracking systems to install,
monitor, and load a variety of foundation types. Equipment available for field measurement programs includes fiber optical strain gauges, inclinometers, and time domain reflectometry moisture probes.

A large-scale calibration chamber is available for testing 2.1-meter cubical samples under three-dimensional states of stress for dynamic, cyclic, and static conditions. A second calibration chamber is available for testing in situ tools and model foundations. For dynamic field testing, the program has a broad array of equipment for measuring in situ stress wave velocities using borehole and surface wave methods, as well as vane, cone, and dilatometer devices. A vibroseis truck, which is capable of applying static, cyclic, and dynamic loads up to fifty thousand pounds, is available for field measurements at geotechnical, foundation, and pavement sites. Three hydraulic shakers, field instrumentation, and teleparticipation equipment are available to the department as a participant in the Network for Earthquake Engineering Simulation (NEES).

Mechanics, uncertainty, and simulation in engineering (MUSE). The graduate program in MUSE aims at preparing students to address the increasingly complex engineering problems modern societies face, through multi-disciplinary training rooted in applied mechanics, applied mathematics, and computational modeling. Students are expected to take courses reflective of the interdisciplinary character of the program.

Graduate students pursuing a thesis-option Master of Science degree or doctoral studies are exposed to the program's research activities. Current research endeavors focus on model-based simulation of challenging multi-physics and multi-disciplinary engineering problems. Examples include the modeling of the dynamic response of structures; performance of structures in the offshore environment; structural response under extreme loads (wind, earthquake, hurricane, blast, etc.); soil-structure interaction problems under seismic loads; inverse problems and the non-destructive condition assessment of engineered and natural systems; structural reliability and uncertainty quantification problems; the performance of subsea systems, pipelines, and energygenerating systems such as wind turbines and hydrokinetic devices; the modeling of deterioration and aging processes afflicting the infrastructure; the modeling of material behavior; the propagation of waves and their interactions; and problems in computational engineering. Though the program's focus derives chiefly from problems affecting the infrastructure and the built environment, our reach goes well beyond as we seek to address bigger societal questions related to energy, natural and man-made disasters, and physical/natural processes at various temporal and spatial scales. Research projects integrate theoretical results and computational modeling with experimental studies, where appropriate.

MUSE graduate students and faculty conduct research using various computational facilities within the department and the University of Texas. These include two computational laboratories within the Ernest Cockrell Junior Building (ECJ): the MUSE laboratory (ECJ 4.602), and the MUSE too laboratory (ECJ 3.301), occupying approximately 1,200 square feet. The two laboratories are equipped with several high-end workstations, including multi-processor and multi-core computers. For research projects demanding supercomputing resources, students and their faculty advisors have access to the Texas Advanced Computing Center's (TACC) massively parallel systems and visualization resources.

Ocean engineering. Students interested in ocean engineering and in offshore structures may develop an appropriate course of study in consultation with the faculty. These programs are typically interdisciplinary, including work in hydrodynamics, structural analysis and dynamics, steel design, soils and foundations, and computational methods. Students may also participate in the work of the Offshore Technology Research Center.

Structural engineering. The graduate program in structural engineering addresses the analysis and design of reinforced and prestressed concrete, timber, steel, masonry, and composite structural systems. Extensive experimental research facilities are available for the observation and study of the behavior of structures under a variety of loadings.

Most of the experimental studies in structural engineering are conducted in the Phil M. Ferguson Structural Engineering Laboratory, located at the J. J. Pickle Research Campus. Ferguson Laboratory is one of the largest, best-equipped structural research facilities in the world. Multistory structures and full-size multigirder bridge structures have been tested. The laboratory contains three test slabs, $40^{\prime} \times 80^{\prime}, 40^{\prime} \times 60^{\prime}$, and $30^{\prime} \times$ $60^{\prime}$. One of the test floors surrounds a 600 -kip universal test machine that permits testing full-size plate girders. In addition, a unique threedimensional test facility consisting of a $44^{\prime} \times 32^{\prime}$ test floor, combined with two perpendicular vertical walls, each nineteen feet high, permits threedimensional loading. Fatigue testing capabilities permit study of full-size components under random amplitude and frequency to simulate actual service conditions. A number of closed-loop servo-controlled loading systems are available. Cables, such as those used in cable-stayed bridges, can be tested in fatigue up to loads of three million pounds in the cable testing facility. A materials-testing facility is also located in the Ferguson Laboratory. For structural fire engineering research, test frames and furnaces are available for elevated temperature tests of structural materials, components, and connections. Data acquisition systems are available that are suitable for static, dynamic, and fatigue loading programs. The systems are controlled by the laboratory's own computer systems. Direct access to the main University computer facility is also available.

Excellent computational facilities are available to all students in structural engineering in support of both instructional and research activities. These include: (1) the Civil Engineering Learning Resource Center (LRC), a general-use, 24 -hour access facility equipped with more than 150 workstation-class computers ranging from single-core/ single-processor to multicore/multiprocessor machines and several dedicated color laser printers, plotters, and flatbed scanners; (2) the Virtual Design Lab, a smaller computational facility equipped with several workstations that provide students with access to the latest suite of high-end CAD and graphics software; (3) a student lounge equipped with computational centers that can be used for team projects; (4) a graduate student computational laboratory equipped with high-end workstations dedicated to research activities; and (5) a similarly equipped graduate computational laboratory housed at the Ferguson Structural Engineering Laboratory. In addition, for research demanding supercomputing resources, students and their faculty advisors have access to the Texas Advanced Computing Center's (TACC) supercomputers, which include Ranger, currently the largest open-science computing system in the world, featuring 62,976 computing nodes, 123 TB of aggregate memory, and peak performance of about 0.5 petaFLOPS. The TACC also provides access to other massively parallel systems and visualization clusters. Access to computational resources is facilitated through the network infrastructure that comprises both wired and wireless segments; the wireless network covers most of the University's main campus.

Sustainable systems. The graduate program in Sustainable Systems is intended to provide students with an education and research experience that is cross-disciplinary. The program permits considerable flexibility in the selection of courses and participation in research experiences, thereby allowing students to tailor the graduate program according to their background and educational objectives. This program aligns with CAEE's Strategic Plan, which focuses on the Cities, Water, and Energy nexus, challenging civil, architectural, and environmental engineers to address complex problems through innovative and cross-disciplinary solutions. To foster this, research of each Sustainable Systems student
can be co-supervised by two faculty members in different areas. Hence, students are affiliated to laboratories in their respective supervisor(s) area(s). Students also benefit from the many facilities and infrastructure systems on campus and in the surrounding community as living laboratories for class visits and research studies.

Transportation engineering. The University's proximity to the headquarters of governmental transportation agencies provides ready access to the facilities and records of these organizations by graduate students, in planning, behavioral modeling and demand prediction, geometric and structural design, large-scale infrastructure systems analysis and optimal resource allocations, policy making, and operation of streets, highways, and transit and non-motorized transportation systems. The Center for Transportation Research administers an extensive cooperative research program with the Texas Department of Transportation, the United States Department of Transportation, as well as a spectrum of sponsored projects with other agencies, including the Transportation Research Board, and the National Science Foundation.

Equipment for specialized and routine testing of materials used for constructing and maintaining transportation facilities is available. The bituminous materials laboratory includes state-of-the-art asphalt binder and asphalt concrete testing equipment, an environmental control chamber, and mix preparation and aggregate handling facilities.

Facilities are provided for studying traffic operations, including traffic volume counters, speed meters, motor-driven movie cameras, video cameras and recorders, projectors, portable delay recorders, and other special measuring and recording equipment.

The Transportation Infrastructure and Information Systems Laboratory provides the capability to conduct research in analysis and simulation of large-scale infrastructure systems. The Transportation Equilibrium, Simulation, and Optimized Networks Laboratory allows research on large-scale complex networks with a focus on transportation systems. In addition, the University's high-performance computers and hardware and software in the department's Learning Resources Center are available to support research in transportation networks, infrastructure systems, land uses, and traffic operations.

Libraries. In addition to the Perry-Castañeda Library and libraries in physics and mathematics, geological sciences, life sciences, and chemistry, a complete library of books, periodicals, and society proceedings in civil engineering is housed in the McKinney Engineering Library.

## Areas of Study

Civil engineering majors may specialize in building energy and environments; construction engineering and project management; infrastructure materials engineering; environmental and water resources engineering; geotechnical engineering; mechanics, uncertainty, and simulation in engineering; ocean engineering; structural engineering; sustainable systems; or transportation engineering. In addition, the Department of Civil, Architectural, and Environmental Engineering offers the Master of Science in Engineering with a major in environmental and water resources engineering.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

David T Allen
Matthew David Bartos
Oguzhan Bayrak
Amit Bhasin
Chandra R Bhat
Stephen Boyles
Carlos H Caldas
Sergio Castellanos
Christian Claudel
Patricia Clayton
Berkin Dortdivanlioglu
Chadi Said El Mohtar
Michael D Engelhardt
Ofodike A Ezekoye
Kasey M Faust
Anca-Cristina Ferche
Raissa Patricia Ferron
Kevin J Folliard
Benny D Freeman
Robert B Gilbert
Matt Hebdon
Todd A Helwig
Ben R Hodges
Blair Johnson
Maria Juenger
Loukas F Kallivokas
Lynn E Katz
Spyridon A Kinnas
Kerry A Kinney
Mary Jo Kirisits
Kara Kockelman
Krishna Kumar
Manish Kumar
Desmond F Lawler
Fernanda Lustosa Leite
Howard M Liljestrand
Randy B Machemehl
Lance Manuel
Pawel Misztal
Javad Mohammadi
Gyorgy Zoltan Nagy
Dev Niyogi
Atila Novoselac
William J O'Brien
James T O'Connor
Jon E Olson
Paola Passalacqua
Gary A Pope
Jorge A Prozzi
Ellen M Rathje
Salvatore Salamone
Navid Saleh
Polina Sela
Kamy Sepehrnoori
Gerald E Speitel Jr
Kenneth H Stokoe II
Eric van Oort
C Michael Walton
Michael Webber
Charles J Werth
Eric B Williamson
Sharon L Wood
Zhanmin Zhang
Jorge G Zornberg
Ma

## Admission Requirements

A Bachelor of Science degree from a program in engineering accredited by $A B E T$ is the general prerequisite for admission to a graduate program in civil engineering. An applicant whose training does not meet this prerequisite may be accepted but will be required to pass a sequence of courses stipulated by the Graduate Studies Committee that will make up the deficiencies in undergraduate preparation. A list of the required courses is available from the graduate advisor.

## Degree Requirements, Civil Engineering

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

Full-time students, and both teaching and research assistants, are required to register for nine semester hours of coursework during each long-session semester. These nine hours may include special problems, seminar, thesis, and dissertation courses.

## Master of Science in Engineering

Students who follow the 30-semester-hour plan with thesis must complete a major in civil engineering consisting of 18 to 24 semester hours, including the thesis course, and a minor of six to 12 semester hours outside the area of concentration. Included in the major and minor must be at least 18 semester hours in engineering. The courses must
be logically related and the individual program must be approved by the graduate advisor.

A 30-semester-hour degree plan is also available under the report option, which includes a report prepared in Civil Engineering 398R according to procedures set by the Graduate School; and under an option that includes a report prepared in Civil Engineering 398D, or an approved program of coursework only, according to procedures set by the Graduate Studies Committee.

Majors for the master's degree may be chosen in any area or combination of areas listed under Areas of Study (p. 79).

## Doctor of Philosophy

To be admitted to candidacy for the doctoral degree, the student must pass a preliminary (qualifying) examination administered by a committee, appointed by the graduate advisor, of at least three members of the civil engineering faculty, two of whom may be in the major area. This examination must be taken before the student registers for the second semester beyond the Master of Science in Engineering degree. The student must also submit a Program of Work that is approved by the chair of the civil engineering Graduate Studies Committee and the graduate dean. All students must demonstrate proficiency in English.

When the student has been admitted to candidacy, a dissertation committee is appointed by the graduate dean. When the student has completed most of their coursework, the dissertation committee administers a comprehensive examination in the major.

The defense of the dissertation is the final examination of the Doctor of Philosophy degree program. This examination is scheduled after the members of the dissertation committee have received a final draft of the dissertation that has been approved by the supervising professor.

## Dual Degree Program

The Department of Civil, Architectural, and Environmental Engineering offers the following dual degree program in cooperation with the Lyndon B. Johnson School of Public Affairs. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Public affairs | Master of Public |
|  | Affairs |

## Electrical and Computer Engineering

Master of Science in Engineering Doctor of Philosophy

## For More Information

Campus address: Engineering Education and Research Center (EER), phone (512) 232-1458, fax (512) 471-3652; campus mail code: C0803

Mailing address: The University of Texas at Austin; Department of Electrical and Computer Engineering Graduate Program; Engineering Education and Research Center, Stop C0803, Austin TX 78712

E-mail: ecegrad@ece.utexas.edu
URL: https://www.ece.utexas.edu/academics/graduate

## Objective

The objective of the faculty of the Department of Electrical and Computer Engineering and its Graduate Studies Committee is to provide a graduate program that continues to produce exceptional graduates via an education that is both broad and deep and access to world-class research facilities while advancing the state of the art within diverse subfields spanning electrical and computer engineering.

## Facilities for Graduate Work

Facilities are available for graduate work in almost all areas of study within electrical and computer engineering, and for both experimental and theoretical/computational research. Graduate activities of the department are housed in the Engineering Education and Research Center, and in several special-purpose laboratories located in the Peter O'Donnell Jr. building and on the J. J. Pickle Research Campus. Numerous facilities for experimental research are provided within these well-equipped research laboratories. Among the resources available for computationally intensive research is the Texas Advanced Computing Center, also housed on the J. J. Pickle Research campus. In addition, The University of Texas Libraries provide a rich source of literature to support graduate activities in electrical and computer engineering, including free online access to essentially all important journals.

Faculty of the Department of Electrical and Computer Engineering also participate in several widely-recognized centers for research including: the Center for Advanced Research in Software Engineering, the Center for Electromechanics, the Center for Identity, the Center for Perceptual Systems, the Center for Transportation Research, the Microelectronics Research Center, the Oden Institute for Computational Engineering and Sciences, the Texas Materials Institute, and the Wireless Networking and Communications Group.

## Areas of Study

Supporting our objective, graduate courses and research are offered with varying degrees of specialization in the eight named academic tracks listed below. Topics of specialization within each track reflect the research interests of the faculty. Individual topics, associated faculty, and student education and research may overlap tracks.

Architecture, Computer Systems, and Embedded Systems. Computer architecture is at the interface of computer hardware and software. Its practitioners are responsible for specifying, designing, and implementing at the architecture level the hardware structures that carry out the work specified by computer software. Computer architects share the responsibility for providing mechanisms that algorithms, compilers, and operating systems can use to enhance the performance and/or energy requirements of running applications. Computer architecture spans many dimensions, such as the scope of a processor (embedded processors, desktop systems, servers, and supercomputers); the target application (general-purpose versus domain-specific); the characteristics of the design objectives (speed, power consumption, cost, reliability, availability, and reconfigurability); and the measurement and analysis of resulting designs.
bioECE. Understanding, engineering, and interfacing with biological systems are among humanity's most important challenges, impacting numerous fields from basic science to health. Motivated by this larger vision, the bioECE track is focused on the intersection of electrical and computer engineering with biology and medicine. It includes biomedical instrumentation, biophotonics, health informatics, bioinformatics, neural engineering, computational neuroscience, and synthetic biology. Associated faculty have expertise in diverse topics: cardiovascular instrumentation, neuroscience, neural engineering and the machine-brain interface, image and signal
processing (feature extraction and diagnostic interpretation), health information technologies (data mining, electronic medical records analysis), VLSI biomedical circuits (biosensing, lab-on-a-chip), algorithms for large-scale genomic analysis, and molecular programming (engineering molecules that compute).

Decision, Information, and Communications Engineering. This track involves research and design in the following fields: (1) Communications and networking: all aspects of transmission of data, including: wireless communications, communication theory, information theory, networking, queueing theory, stochastic processes, sensor networks; (2) Data science and machine learning: all aspects of extraction of knowledge from data, including: algorithms, data mining, optimization, statistics, pattern recognition, predictive analytics, artificial intelligence; and (3) Controls, signals, and systems: estimation and detection; signal, image and video processing; linear and nonlinear systems.

Electromagnetics and Acoustics. This track includes the study of electromagnetic and acoustic phenomena ranging from ultralow frequencies to the visible spectrum. The activities in electromagnetics involve research in antenna design, radar scattering, computational methods, wave-matter interaction, bioelectromagnetics, wave manipulation using artificial materials, wireless propagation channels, microwave and millimeter-wave integrated circuits, guided wave devices and systems, electromagnetic forces (including electrostrictive and magnetostrictive forces), and Maxwell's stress tensor. The activities in acoustics involve research in transducers, microelectromechanical systems, atmospheric and underwater acoustics, and noise and vibration control.

Electronics, Photonics, and Quantum Systems. This track focuses on the development and improvement of electronic, photonic, optoelectronic, spintronic and micro-electromechanical (MEMS) materials, devices and systems for a variety of applications. Electronic device examples include transistors for nano-CMOS, back-end-of-the-line silicon, power transistors and post-CMOS logic, memory, analog, and mixed-signal applications based on quantum mechanical tunneling and electron spin. Photonic devices include photodetectors, LEDs and lasers, including topological photonics, metamaterials, metasurfaces, and other novel nanophotonic structures, optical interconnects for short and long-range communication, displays and solar cells. There is research on acoustic, chemical and biological sensors, as well as quantum transport devices such as Josephson junctions. Material systems include unstrained and strained column IV and III-V semiconductors grown by molecular beam epitaxy or various types of chemical vapor deposition, organics and polymers, thin-film and novel 0D, 1D and 2D materials such as quantum dots, nanowires, graphene and other 2D layered materials such as transition metal dichalcogenides, as well as insulators such as high-dielectric-constant materials. Research in systems includes those for quantum information processing, optical systems for signal processing and very-high-speed communications, and electronic systems such as compute-in-memory and neuromorphic computing.

Integrated Circuits and Systems. This track involves all aspects of analysis, design, synthesis, and implementation of digital, analog, mixedsignal, and radio frequency (RF) integrated circuits and systems for applications in computing, sensing, and communications. Research in the area spans levels of abstraction from devices to systems-onchip (SoC), and involves transceiver architectures, data converters, memory technologies, signal processing systems, integrated bio-chips, neuromorphic computing, high-performance and low-power design, fault tolerance, design for manufacturability (DFM), design for test (DFT), verification, computer-aided design (CAD) and electronic design automation (EDA).

Power Electronics and Power Systems. This track involves research in the generation, transmission, distribution, conversion, storage, and management of electric energy. Research activities include but are not limited to advanced power semiconductor devices; high-frequency-power-electronic conversion systems; high-frequency magnetics; medium voltage power electronics for applications in renewable energy, energy storage and smart grid systems; dc power grids; power system analyses; modeling and simulation of power systems; grid data analytics; security and resilience of power grid infrastructures; microgrids; protection systems; energy system economics and optimization; electricity markets; power system harmonics; power quality; and distributed generation.

Software Engineering and Systems. This track involves all aspects of engineering software systems. In addition to the problem of requirements, research and study in the area addresses architecting, designing, building, testing, analyzing, evaluating, deploying, maintaining, and evolving software systems. Problems investigated include theory, techniques, methods, processes, tools, middleware, and environments for all types of software systems in all types of domains and applications. This area of study is also available through the alternatively scheduled program in software engineering to professionals who are working full time.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Jacob A Abraham
Deji Akinwande
Andrea Alu
Jeffrey G Andrews
Chandrajit L Bajaj
Sanjay K Banerjee
Seth Robert Bank
Suzanne Barber
Mikhail A Belkin
Adela Ben-Yakar
Alan C Bovik
Constantine Caramanis
Ray T Chen
Sandeep Chinchali
Derek Chiou
Shwetadwip Chowdhury
Michael Arthur Cullinan
Gustavo A De Veciana
Inderjit S Dhillon
Georgios-Alex Dimakis
Ananth Dodabalapur
Andrew K Dunn
Mattan Erez
Brian L Evans
Donald S Fussell
Vijay K Garg
Andreas Gerstlauer
Joydeep Ghosh
Milos Gligoric
John B Goodenough
Kristen L Grauman
Neal Hall
Mark F Hamilton
Alex Hanson
Robert W Heath Jr Qin Huang
Todd E Humphreys
Warren A Hunt Jr
Jean Incorvia
Yaoyao Jia
Lizy K John
Christine L Julien
Sarfraz Khurshid
Hyeji Kim
Jaydeep Prakash Kulkarni
Jack C Lee
Xiuling Li
Calvin Lin

Nanshu Lu
Ruochen Lu
Diana Marculescu
Radu Marculescu
Mia K Markey
Jose del R Millan
Aryan Mokhtar
Evdokia Nikolova
Michael E Orshansky
Zhigang Pan
Yale N Patt
Keshav K Pingali
Emily Porter
Lili Qiu
Leonard F Register
Sujay Sanghav
Samantha Rose Santacruz
Surya Santoso
Sanjay Shakkottai
Shyam Shankar
August Wang Shi
David Soloveichik
S V Sreenivasan
Peter H Stone
Nan Sun
Earl E Swartzlander Jr
Jon I Tamir
Ahmed Hossam Tewfik
Edison Thomaz Jr
Mohit Tiwari
Ufuk Topcu
Nur A Touba
James W Tunnel
Emanuel Tutuc
Jonathan W Valvano
Haris Vikalo
Sriram Vishwanath
Atlas Wang
Jun Wang
Rachel A Ward
Daniel M Wasserman
Preston S Wilson
Ali E Yilmaz
Edward T Yu
Yuebing Zheng
Mingyuan Zhou
Hao Zhu

## Admission Requirements

Admission to the graduate programs in ECE is highly competitive and based on a holistic review of all application materials by the chosen academic track's admission committees, which is composed of faculty within that track. Standards for admission generally exceed the minimum standards established by the University.

Applicants to the graduate program of the Department of Electrical and Computer Engineering normally will have an undergraduate degree in this field. Applicants with a degree in another field also may be considered if their background is appropriate for the chosen academic track of specialization; however, if admitted, the academic track advisor, supervising professor, and/or dissertation committee may require the student to complete additional coursework to address any academic deficiencies. Another exception exists for students in the

Integrated BSEE/MSE program who receive their BSEE and MSE degrees simultaneously.

Graduate students in the Department of Electrical and Computer Engineering are expected to be proficient in English. An applicant who does not meet the English proficiency standards of the University may be admitted, but then may be required to complete a three-hour English course. The course is counted toward the student's course load for the semester but is not counted toward the fulfillment of course requirements for the graduate degree.

## Degree Requirements, Electrical and Computer Engineering

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Overview

Students may apply to one of the Master of Science in Engineering (MSE) programs to pursue the MSE degree or may apply to the Doctor of Philosophy (PhD) program to pursue the PhD. A master's degree is not required to obtain the PhD. However, a student entering the PhD program without a master's degree obtained for study in the same or a closely related area within ECE may obtain the MSE along the way to the PhD. Similarly, a student admitted to one of the MSE programs may apply and be admitted to the PhD program subsequently. In either case, the student may be able to earn both degrees with little or no additional effort beyond that required for the PhD only by using much or all of the same graduate level classroom coursework for both degrees. A student also may be able to use graduate level classroom coursework taken previously here or elsewhere toward their graduate degree(s) here, provided that coursework has not been used previously toward any degree in the case of the MSE, or toward any degree other than a master's degree in the case of the PhD, and subject to additional program dependent limitations provided in the following sections.

Due to the considerable breadth of the field of Electrical and Computer Engineering (ECE), a student is admitted to one of eight academic tracks, as described under Areas of Study. The coursework-only MSE can be overseen by the student's academic track advisor alone. Pursuit of the other MSE degree options and of the PhD requires the student to find a willing supervisor and perhaps co-supervisor, where the supervisor or, if any, the co-supervisor is a member of the ECE Graduate Studies Committee (GSC), if not both. The ECE GSC consists of tenured and tenure-track professors within the ECE department as well as some others within the University of Texas at Austin approved for the purpose by the tenured and tenure-track professors within ECE.

Degree programs and requirements are discussed briefly in what follows, although individual academic tracks may have additional requirements. Additional information is available online, from a graduate coordinator within the ECE Advising Office, from the academic track advisors, and from other sources as noted below.

## Master of Science in Engineering

The Department of Electrical and Computer Engineering currently offers four Master of Science in Engineering (MSE) degree programs to meet differing needs: the traditional MSE program, the integrated BSEE/MSE program, the alternatively scheduled MSE program with a concentration in software engineering, and the primarily online professional MSE program. The latter two programs are offered through Texas Engineering Executive Education. The last is active but not currently accepting
new students. The traditional, integrated BSEE/MSE, and professional programs share the same academic track advisors; the alternatively scheduled MSE program with a concentration in software engineering is a single-track program with its own program advisor. Students in each of these MSE programs are expected to meet the same academic standards, and neither course transcripts nor the diploma specify the MSE program within ECE.

Each of these MSE programs requires a Program of Work consisting of at least 30 semester hours of coursework (10 courses) primarily or entirely at the graduate level and not taken toward a prior degree. With approval, up to six semester hours of the graduate level classroom instruction coursework not used toward a prior degree may be transferred from another university. The traditional, integrated, and professional MSE programs each offer the thesis, report, and coursework-only options; the alternatively scheduled MSE program in Software Engineering offers only the report and coursework-only options. The thesis option requires original research and satisfactory completion of a written thesis and two associated three-hour thesis courses taken on the credit/ no credit basis within the 30-hour total. The report option requires satisfactory completion of a written report and one associated threehour report course taken on the credit/no credit basis within the 30-hour total. Otherwise, all other courses that count toward the Program of Work must be classroom instruction courses taken for a letter grade.

The MSE Program of Work is divided into major work and supporting work. At least 18 hours (six courses) must be in the major work, including any thesis or report courses. At least six hours (two courses) must be in supporting work. However, which courses may be counted as major work and which may be counted as supporting work can vary not only with the academic track but with the interests of the individual student. The academic track advisor and/or the student's supervisor can provide guidance regarding which courses a student may count toward major or supporting work. Ultimately, all major and supporting coursework must be logically related, and the student's MSE Program of Work must be approved by the student's academic track advisor and/or supervising professor, the graduate advisor of the Department of ECE, and the Graduate School of The University of Texas at Austin.

For coursework taken at The University of Texas at Austin, a minimum grade point average of 3.00 is required in major coursework and, separately, in supporting coursework within the Program of Work. Moreover, students may count only one course with a letter grade less than $B$ - and no course with a letter grade less than $C$ toward the Program of Work. University policy also forbids transfer of any course with a grade of less than B toward the MSE Program of Work.

Traditional MSE program. Students admitted to pursue an MSE within the traditional program attend classes in person on The University of Texas at Austin campus. The MSE Program of Work can include up to two upper-division undergraduate courses (three hours or more each), but supporting work must include at least one graduate course (three hours). Students within the traditional program also have access to upper-division undergraduate courses and graduate courses taught outside of the Department of ECE.

Integrated BSEE/MSE program. Admission to the integrated BSEE/MSE program is open only to undergraduate students within the Department of Electrical and Computer Engineering at The University of Texas at Austin. The integrated BSEE/MSE program is designed to provide a smooth, accelerated connection between the Bachelor of Science in Electrical Engineering (BSEE) degree and the MSE degree. It results in the simultaneous awarding of a BSEE degree and an MSE degree. However, the course options and requirements of the MSE portion of the integrated BSEE/MSE program are identical to those of the traditional MSE program, and students in the integrated BSEE/MSE program attend
classes in person with those in the traditional MSE program. Admission requirements and procedures for the graduate portion of the integrated BSEE/MSE program also are much the same as for the traditional MSE program, except that students are expected to have taken and reserved for graduate credit two graduate courses prior to entering the graduate portion of the integrated BSEE/MSE program, and the requirements for an undergraduate degree upon entering the MSE program and for taking the Graduate Record Examination (GRE) have been waived by the University. Information about the requirements of the undergraduate portion of the integrated BSEE/MSE program is available from the integrated BSEE/MSE program sub-section of the Bachelor of Science in Electrical Engineering section of the Undergraduate Catalog, from the ECE website, and/or from an undergraduate advisor within ECE Advising.

Professional MSE program. This program currently is active but not accepting new applicants. This online program is designed to provide students from industry with the tools, skills, and knowledge needed to advance into leadership positions with greater responsibility and impact, and (as an Option III program) is administered by Texas Engineering Executive Education (TxEEE). Students in this program may complete $100 \%$ of their coursework online. The course requirements of the professional MSE program are identical to those of the traditional MSE program. However, not all graduate ECE courses offered within the traditional and integrated MSE programs can or will be offered online. Beyond any report course or thesis courses, online courses are selected each semester from primarily graduate courses that are offered in the traditional and integrated programs, vary from semester to semester, and mix the students from the traditional, integrated, and professional programs in the same classes, albeit virtually in the case of the professional program students. Each of these online courses is provided synchronously and interactively and are recorded and provided asynchronously. Students within this professional program, however, may choose to take up to $20 \%$ of their coursework (two courses) in person as space allows.

Alternatively Scheduled MSE program with a concentration in Software Engineering. This single-track MSE program is designed with full-time engineers and computer professionals in mind, and also is administered by Texas Engineering Executive Education (TxEEE). Students attend classes in person taught by faculty from the Department of Electrical and Computer Engineering once a month on Fridays and Saturdays. The alternatively scheduled MSE program is separate from the traditional, integrated, and professional MSE programs; students within the alternatively scheduled MSE program may not register for courses offered to students in the other MSE programs and vice versa, all courses offered in this program are at the graduate level, and this program has its own academic advisor. Additional information about this program is published by TxEEE.

## Doctor of Philosophy

The ECE PhD program also requires a Program of Work consisting of at least 30 semester hours of graduate level classroom instruction courses (10 three-hour courses) taken for a letter grade and not used toward an undergraduate degree nor a prior PhD. Coursework is divided into major and supporting work with at least 18 hours (six courses) of major work and at least six hours (two courses) of supporting work. Which courses may be counted as major work and which may be counted as supporting work can vary not only with the academic track but with the interests of the individual student. Ultimately, all major and supporting coursework must be logically related. However, in contrast to the MSE degree, up to 18 semester hours of graduate level classroom instruction coursework taken at another university and not used toward an undergraduate degree nor a prior doctoral degree may be counted toward the PhD Program of Work with approval. For coursework taken at The University of Texas at Austin, a minimum grade point average of 3.5 is required
in major coursework and, separately, in supporting coursework within the Program of Work. Moreover, no course with a grade of less than a $B$ - may be counted toward the Program of Work. The Program of Work including coursework taken at another university also should meet these standards. The student's PhD Program of Work must be approved by the student's dissertation supervisor or supervisor, the remainder of his or her dissertation committee (see below), the Chair of the ECE GSC, and the Graduate School of The University of Texas at Austin.

Beyond the requirements for a master's degree (whether or not the student has or obtains one), the PhD becomes primarily or entirely a research-based degree requiring the student to make a significant original contribution. For students who entered or enter the PhD program fall 2018 or later or who entered earlier but choose to follow the rules that are mandatory for students entering fall 2018 or later, research milestones toward the PhD include: finding a dissertation supervisor or supervisors; forming a dissertation committee consisting of the dissertation supervisor or supervisors and of other members inside and outside of the ECE GSC, undergoing a Candidacy Evaluation by the nonsupervisory members of the dissertation committee, and being admitted to PhD candidacy by the Graduate School of The University of Texas at Austin; passing a Progress Review; and ultimately writing and successfully defending their PhD dissertation before their dissertation committee. For students who entered the PhD program prior to fall 2018 and choose to be grandfathered into the rules in effect at that time, research milestones toward the PhD include: finding a research supervisor or supervisors; performing any prequalifying examination or procedure as defined by the student's academic track; forming a qualifying committee consisting of the dissertation supervisor or supervisors and of other members inside and outside of the ECE GSC, successfully performing a qualifying examination before their qualifying committee, forming a dissertation committee (probably but not necessarily the same as their qualifying committee), and being admitted to PhD candidacy by the Graduate School of The University of Texas at Austin; and ultimately writing and successfully defending their PhD dissertation before their dissertation committee. PhD students also take accompanying individual instruction research problems and dissertation courses before and after entering candidacy, respectively, as required to meet registration and employment requirements. These matters are discussed in detail in the Rules, Procedures and Expectations Regarding Academic Progress within the ECE PhD Program which can be found on the ECE website.

# Engineering Management 

Master of Science in Engineering

The Engineering Management program is offered by the Cockrell School of Engineering and administered by Texas Engineering Executive Education. The mission of the program is to contribute significantly to engineers' managerial leadership abilities within their technological organizations by allowing students an opportunity to pursue higher education that is innovative and intellectually inspiring. The program fulfills this mission by offering courses that teach engineers how to lead and how to manage projects, processes, personnel, products, and services in real-world situations.

## For More Information

Campus address: Continuing Engineering Education Building (CEE) 2.208, phone (512) 471-3506, fax (512) 471-0831; campus mail code: A2800

Mailing address: The University of Texas at Austin, Engineering Management Program, 2613 Speedway, Stop A2800, Austin TX 78712

## E-mail: utmasters@engr.utexas.edu

URL: https://executive.engr.utexas.edu/academic-programs/degrees/ engr-manage

## Objectives

The core objective of the engineering management program is to provide engineers who have chosen to pursue leadership and management career paths with the tools and education that will most directly support their success. The goal of the degree program is to provide engineering professionals with these foundations and to help them continue lifelong learning while employed in industry. Further objectives are to teach students about managing technical, business, and human performance processes in order to achieve corporate goals; to develop and learn core business fundamentals in areas including economics, negotiations, analytics, operations management, marketing, and decision analysis and risk assessment; and to provide an understanding of marketing risks associated with new products, financing a new venture, and legal issues associated with a new project or product. Additional objectives are to provide a program that is challenging, innovative, and intellectually inspiring; to offer a program for the working professional by offering courses that meet once a month on Friday and Saturday; and to offer an advanced degree in engineering management that meets the needs of technology organizations and industry in the Austin area, the state of Texas, and the world.

All courses have been built to align with the American Society for Engineering Management Body of Knowledge. In addition, all courses align with the University's policies governing non-formula-funded (Option III) degree programs. The program is designed to give students the knowledge to measure and evaluate technical, business, and human performance processes in engineering environments. In the required courses, listed in the Degree Requirements (p. 85) section, students are expected to develop their perspectives on leadership and management of technology in industry and to gain insight into other management issues critical to leading or managing a technological organization.

The curriculum is designed to help students become better engineering leaders who can manage personnel, projects, processes, products, and services. The program's special scheduling option allows working professionals to earn an advanced degree while maintaining their career.

## Areas of Study

The interdisciplinary engineering management faculty includes members of several departments of the Cockrell School of Engineering and the McCombs School of Business, as well as from the School of Law. The current research of this faculty includes such topics as engineering economics; decision and risk analysis; economic management and marketing; management of people and organizations; and the legal issues that affect technology, such as product liability and patent law.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

John A Daly
J Eric Bickel
John J Hasenbein
Richard H Crawford

## Admission Requirements

This two-year program provides graduate education for the working professional who is employed in or planning to move into the field of engineering management. Classes meet all day one Friday and Saturday
a month, with an orientation session at the beginning of the program. The program requires a serious commitment on the part of the student and the student's employer. The coursework is rigorous and demanding and can provide an excellent educational experience.

Students must have at least 18 months of professional industry-related experience, an upper-division GPA of a 3.0, and a bachelor of science in engineering, engineering technology, or related technical field.

## Degree Requirements, Engineering Management

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Engineering

The program requires 30 semester hours of graduate coursework, including the following core courses:

Engineering Management 380E, Topic 1: Managing People and Organizations<br>Engineering Management 380E, Topic 2: Engineering Project Management<br>Engineering Management 381E, Topic 1: Marketing and Negotiation<br>Engineering Management 381E, Topic 2: Legal Issues and Technology<br>Management<br>Engineering Management 381E, Topic 3: Finance and Accounting for Engineering Managers<br>Engineering Management 382E, Topic 1: Analytics for Engineering Managers<br>Engineering Management 382E, Topic 2: Strategic Decision and Risk Analysis<br>Engineering Management 382E, Topic 3: Engineering Operations Management

The student must also complete six semester hours in a projects course, Engineering Management 397P, Projects in Engineering Management.

## Engineering Mechanics

## Master of Science in Engineering Doctor of Philosophy

## For More Information

Campus address: Aerospace Engineering (ASE) 2.228, phone (512) 471-7595, fax (512) 471-3788; campus mail code: C0600

Mailing address: The University of Texas at Austin, Graduate Program in Engineering Mechanics, Department of Aerospace Engineering and Engineering Mechanics, 2617 Wichita Street, Stop C0600, Austin TX 78712

E-mail: ase.grad@mail.ae.utexas.edu
URL: http://www.ae.utexas.edu/

## Objectives

The engineering mechanics graduate program is involved in teaching and research in analytical, computational, and experimental methods in mechanics of solids, structures, and materials and fluid mechanics. The objectives of the program are to enable the student to attain a deeper understanding of engineering mechanics fundamentals, a knowledge of recent developments, and the ability as a master's degree student
to participate in research and as a doctoral degree student to conduct individual research. The goals are accomplished through coursework, seminars, and active research programs.

## Areas of Study and Facilities

Graduate study and facilities for research are offered in the areas of theoretical mechanics and applied mathematics, dynamics, computational mechanics, experimental fluid mechanics, computational fluid dynamics, finite element methods, boundary element methods, experimental mechanics, solid and structural mechanics, and structural dynamics. The extensive facilities of Information Technology Services and related hardware for interactive computer graphics and realtime control of experiments are available to graduate students for research use. For experimental research, the Department of Aerospace Engineering and Engineering Mechanics maintains laboratory facilities on the main campus and at the J. J. Pickle Research Campus. These facilities include equipment for studies in high-velocity impact, structural dynamics, and materials science. A well-equipped machine shop is partially supported by the department, and technical assistance is available when required.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Tan Thanh Bui
Clinton N Dawson
Leszek F Demkowicz
Berkin Dortdivanlioglu
John Timothy Foster
Rui Huang
Thomas J Hughes
Loukas F Kallivokas
Stelios Kyriakides
Chad Matthew Landis
Kenneth M Liechti

Nanshu Lu
Mark E Mear
J T Oden
Manuel Karl Rausch
Krishnaswa Ravi-Chandar
Gregory J Rodin
Michael S Sacks
Jayant Sirohi
Byron D Tapley
Mary F Wheeler
Karen E Willcox

## Degree Requirements, Engineering Mechanics

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

Candidates for a graduate degree in engineering mechanics must meet all the general requirements for advanced degrees. Particular details are given below.

## Master of Science in Engineering

Before being admitted to the program, the student must have a satisfactory proficiency in basic and intermediate material in engineering mechanics and mathematics. Students entering without an undergraduate degree in engineering are usually required to do some remedial work at the undergraduate level.

Students seeking the Master's degree have three options, each requiring a total of 30 credit hours. The thesis option requires 24 credit hours of coursework plus 6 credit hours for a master's thesis based on research. The report option requires 27 credit hours of coursework plus 3 credit hours for a master's report based on research. The coursework-only option requires 30 credit hours of coursework without a thesis or report.

Regardless of the option chosen, a student is required to take six credit hours of supporting coursework outside of the technical area. Only courses completed on the letter-grade basis may be counted toward the degree. Only three hours of business-related courses may be counted. Students may count no more than six hours of upper-division undergraduate coursework toward the degree.

## Doctor of Philosophy

Students are expected to complete 90 credit hours after their BS degree (including coursework and research credit) to earn a PhD. This expectation, however, may be waived simply by the agreement of the student's research advisor(s) and/or dissertation committee.

Doctoral candidates must fulfill the basic course requirements prescribed for the Master's degree. Beyond that, the course program is tailored to each student's needs.

Before being admitted to candidacy for the degree, the student must pass both a written and an oral qualifying examination on graduate-level material.

After being admitted to candidacy, the student completes coursework, carries out an acceptable program of original research, and writes a dissertation covering this research. The committee appointed to approve the Program of Work and the dissertation examines the student for both breadth and depth of knowledge. Examinations may be oral or written or both and must include a public defense of the dissertation.

Further information about policy, procedure, and requirements is available from the Department of Aerospace Engineering and Engineering Mechanics.

## Materials Science and Engineering

Master of Science in Engineering
Doctor of Philosophy

## For More Information

Campus address: Engineering Education and Research Center (EER) 6.614A, phone (512) 471-1504, fax (512) 475-8482; campus mail code: C2201

Mailing address: The University of Texas at Austin, Materials Science and Engineering Program, 204 E. Dean Keeton Street Stop C2201, Austin TX 78712

E-mail: mse@tmi.utexas.edu
URL: http://www.tmi.utexas.edu/

## Objectives

This program is designed to educate materials scientists and engineers, to develop new knowledge, and to solve problems related to the synthesis, processing, characterization, and application of materials.

## Facilities for Graduate Work

Extensive facilities, including laboratories for materials research and instruction and offices for faculty members and students, are located in several buildings on the main campus and at the J. J. Pickle Research Campus. The offices for the Texas Materials Institute (TMI) the materials science and engineering graduate program are located in the Engineering Education and Research Center (EER) building. Core central facilities for research include the Electron Microscopy, X-Ray Scattering, Surface

Analysis, Nanofabrication and Testing, Electronic and Vibrational Scattering, Microelectronic Materials Processing, Organic Electronic Fabrication, Scanning Probe, X-ray Photoelectron Spectroscopy, Time-of-Flight Mass Spectrometry, and Polymer Characterization Facilities, each of which employs a manager to assist users. Other laboratories provide materials synthesis, powder processing, mechanical testing, and property measurements facilities for use by students and faculty members.

## Areas of Study

Graduate study is focused on a range of materials, including metals and alloys, ceramics, polymers, composites, nanomaterials, structural materials, electronic and photonic materials, energy materials, and computational materials.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

## Deji Akinwande

Narayana R Aluru
Sanjay K Banerjee
Michael Franklin Becker
David L Bourell
Jonathan Yan Chen
Ray T Chen
Michael Arthur Cullinan
Alejandro L De Lozanne
Ananth Dodabalapur
John G Ekerdt
Donglei Fan
John B Goodenough
Graeme Andrew Henkelman

## Rui Huang

Tanya Hutter
Gyeong S Hwang
Keith P Johnston
Brian A Korgel
Desiderio Kovar
Wei Li

Kenneth M Liechti
Jung-Fu Lin
Yuanyue Liu
Nanshu Lu
Filippo Mangolini
Arumugam Manthiram
David Mitlin
Charles B Mullins
Li Shi
Chih-Kang Shih
Donald Jason Siegel
S V Sreenivasan
Venkat Subramanian
Eric M Taleff
Yaguo Wang
Jamie Warner
Carlton G Willson
Edward T Yu
Guihua Yu
Yuebing Zheng
Jianshi Zhou

## Admission Requirements

Students with a bachelor's degree in engineering or in one of the physical sciences may be admitted to the materials science and engineering degree program upon the recommendation of the Graduate Studies Committee. Students who do not have a background that the committee considers satisfactory for the study of advanced materials science and engineering will be required to take preparatory coursework, some of which may be at the undergraduate level. Completion of some coursework may be required before the student begins the work for the graduate degree.

## Degree Requirements, Materials Science and Engineering

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Engineering

The student's program of coursework is selected with the advice of the graduate advisor and must be approved by the Graduate Studies Committee. All students must complete deficiency, core, and advancedlevel courses. (Individual deficiency courses may be waived if the student has equivalent credit on entering the program.) The specific course requirements vary for each concentration.

At least one full year is required to complete the master's degree program.

Master of Science in Engineering with thesis. For students electing this option, 30 semester hours of credit are required, consisting of 24 hours of organized coursework and six hours in the thesis course. Students begin the program by completing deficiency courses, but they may petition to waive these courses if they have equivalent credit. Nine hours in core courses and nine to 15 additional hours in advanced-level courses must then be taken. A maximum of six hours of upper-division coursework may be counted toward the required 30 hours.

The student should choose a thesis research topic and begin research during the first semester.

Master of Science in Engineering with report. This option requires 33 semester hours of credit, consisting of 30 hours of organized coursework and three hours in the report course. The program must be approved by the graduate advisor. At least nine hours in core courses and an additional 15 to 21 hours of advanced-level coursework must be taken. Up to nine hours of upper-division coursework may be counted. Enrollment in this option must be approved by the graduate advisor.

Master of Science in Engineering without thesis or report. For students electing this option, 36 semester hours of coursework are required. Nine hours in core courses and an additional 18 to 24 hours in advanced-level courses must be taken. The program must be approved by the graduate advisor. Up to nine hours of upper-division coursework may be included. No research is required, but the level of academic performance is the same as that required for the master's degree with thesis.

## Doctor of Philosophy

A student may choose to pursue the doctoral degree without first obtaining a master's degree. Before admission to doctoral candidacy, the student must have a master's degree in materials science and engineering or an equivalent amount of graduate credit and must have demonstrated satisfactory performance on each part of the doctoral qualifying process. The doctoral candidate must also pass preliminary and final oral examinations covering the research program and the underlying science and engineering upon which the research is based. For a student with a Bachelor of Science degree, at least three years are required to complete the Doctor of Philosophy degree program.

## Mechanical Engineering

Master of Science in Engineering
Doctor of Philosophy

## For More Information

Campus address: Engineering Teaching Center II (ETC) 5.204, phone (512) 471-1136, fax (512) 471-8727; campus mail code: C2200

Mailing address: The University of Texas at Austin, Graduate Program, Department of Mechanical Engineering, 204 East Dean Keeton C2200, Austin TX 78712-1591

E-mail: go@me.utexas.edu
URL: https://www.me.utexas.edu/academics/graduate-program

## Objectives

The graduate program in mechanical engineering is designed to educate engineers who will be in the forefront of the mechanical engineering profession, leading the way to new and improved engineering systems to transform energy, materials, and information to meet the needs of society. To achieve this objective, the program offers a breadth of research and study areas and facilities. The faculty values creativity, the novel application of fundamental engineering science, interdisciplinary activities, the development of future leaders and a community of scholars, professionalism, and excitement in discovery. The program is designed to enhance these values, drawing upon the diverse interests and experience of the faculty. The major areas of emphasis are described below.

## Areas of Study and Facilities

Acoustics. The Walker Department of Mechanical Engineering and the Department of Electrical and Computer Engineering offer an interdisciplinary course of study in this field. Research projects are carried out in physical acoustics, industrial acoustics, electroacoustics, nonlinear acoustics, underwater acoustics, and biomedical acoustics. Major experimental facilities include a general-purpose acoustics laboratory, a transducers laboratory, an anechoic chamber, a reverberation chamber, waveguides for high-intensity sound, a computercontrolled water tank for ultrasonics, and extensive underwater sound facilities at the Applied Research Laboratories.

Biomechanical engineering. This concentration provides studies for application of mechanical engineering principles to biological and medical problems. Areas of study are physiology, bioheat transfer, biomaterials, biorheology, health physics, biosignal analysis, biomechanics, ultrasonics, and biomedical computing. Supporting courses and facilities are also provided through the Department of Biomedical Engineering.

Dynamic systems and control. This concentration offers intensive study in the analysis, design, and control of engineered and natural systems. Areas of study include applied mechanics, biomedical engineering, constitutive modeling of materials, electromechanics, information and control theory, mechanisms and robotics, mechatronics, modeling of multienergy domain systems, multibody dynamics, simulation and analysis of system dynamics, tribology, and vibrations. Laboratories and facilities are available for research in acoustics, biomechanics, control systems, mechatronics, robotics, system dynamics, and tribology.

Manufacturing and decision systems engineering. Manufacturing and decision systems engineering (MDSE) embraces the broad spectrum of knowledge required by decision makers in the realms of manufacturing and service systems. Courses in MDSE cover topics drawn from mechanical systems and design, thermal and fluid systems, materials science and engineering, operations research and industrial engineering, and leadership and entrepreneurship. Major research facilities are available for graduate students in this field.

Manufacturing and design. The concentration in manufacturing and design offers state-of-the-art programs in innovative manufacturing processes, product design and development, and supporting technologies. Areas of study include product design methods, layerbased manufacturing (solid freeform fabrication), machine design, unit manufacturing processes, robotics, contemporary prototyping, reverse engineering, optimization techniques, computer-aided design and manufacturing (CAD/CAM), computational geometry, machine
intelligence, and design for people with disabilities. Well-equipped laboratories are available for research in solid freeform fabrication (including selective laser sintering), product modeling and simulation, unit manufacturing processes, robotics, one-off prototyping (such as CNC processes, woodworking equipment, power tools, and product measurement equipment), scaled manufacturing (from macro to meso to micro), biomedical device fabrication, and laser-based processes. These laboratories are part of the Advanced Manufacturing Center.

An alternatively scheduled master's degree program in advanced manufacturing engineering, a subarea of manufacturing and design, also exists but is inactive. More information is available from the graduate advisor.

Materials engineering. This concentration encompasses graduate study in the fields of materials development, characterization and processing, and in structure-property-performance relationships. Areas of study include ceramics, physical metallurgy, mechanical behavior, materials processing, fuel cells, high-energy density batteries, new materials development, nanomaterials and nanotechnology, corrosion, and microelectronics packaging. Laboratory facilities include scanning and transmission electron microscopes; X-ray scattering, metallographic, laser processing, thermal analysis, and thin-film characterization facilities; and mechanical, electrical, magnetic, and electrochemical property measurement equipment. The Walker Department of Mechanical Engineering is also a primary participant in the interdisciplinary materials science and engineering graduate degree program.

Nuclear and radiation engineering. This concentration provides graduate study and research in nuclear radiation science, analysis and design of nuclear systems, and experimental techniques in nuclear technology. Emphasis is on radiation transport and measurements, neutron physics, health physics and dosimetry, transport and disposal of nuclear wastes, and nuclear material safeguards and disposition. The Nuclear Engineering Teaching Laboratory is equipped with a 1.1-MW TRIGA pulsing nuclear reactor; a cold neutron source with prompt gamma analysis; neutron radiography equipment; neutron activation analysis equipment, including a pneumatic transfer system; californium-252 neutron sources; a low-level gamma-ray counting system and many radiation detection systems; and extensive computational capabilities.

Thermal/fluid systems. This concentration offers graduate study and research in the areas of thermodynamics, heat and mass transfer, fluid mechanics, combustion, energy conversion, energy conservation, alternative energy, microscale heat transfer, microfluidics, advanced laser-materials processing, and thermoelectrics. Experimental facilities include subsonic wind tunnels, three-dimensional laserDoppler anemometry, a micro/nano fabrication facility, scanning probe microscopy, a cryogenic measurement facility, instrumentation calibration facilities for semiconductor rapid thermal processing, fundamental combustion research facilities, engine and emission test facilities, solar energy components and systems, and various fluid mechanics and heat transfer equipment. The University's computational resources for numerical investigations are state-of-the-art and extensive.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Farshid Alambeigi Narayana R Aluru
Vaibhav Bahadur
Jonathan F Bard
Ronald E Barr
Joseph J Beaman Jr
Adela Ben-Yakar
J Eric Bickel
George Biros
David G Bogard
Raghu Bollapragada
Maura Borrego
David L Bourell
Chih-Hao Chang
William S Charlton
Dongmei Chen
Kevin Clarno
Richard H Crawford
Michael Arthur Cullinan
Ashish Deshpande
Kenneth R Diller
Dragan Djurdjanovic
Janet L Ellzey
Ofodike A Ezekoye
Eric P Fahrenthold
Donglei Fan
Nicholas P Fey
Omar Ghattas
John B Goodenough
Derek A Haas
Michael Richard Haberman
Matthew J Hall
Neal Hall
Mark F Hamilton
Grani Adiwena Hanasusanto
John J Hasenbein
Robert E Hebner
Tanya Hutter
Dale E Klein
Desiderio Kovar

Erhan Kutanoglu Sheldon Landsberger
Benjamin D Leibowicz
Wei Li
Yuanyue Liu
Raul G Longoria
Nanshu Lu
Ann Majewicz Fey
Filippo Mangolini
Arumugam Manthiram
Ronald D Matthews
David Mitlin
Robert D Moser
Richard R Neptune
Mitchell W Pryor
Varun Rai
Manuel Karl Rausch
Christopher G Rylander
Marissa N Rylander
Michael S Sacks
Carolyn Conner Seepersad
Luis Sentis
Zhenghui Sha
Li Shi
Donald Jason Siegel
S V Sreenivasan
Venkat Subramanian
James Samuel Sulzer
Eric M Taleff
Mehran Tehrani
Eric van Oort
Junmin Wang
Yaguo Wang
Jamie Warner
Michael Webber
Preston S Wilson
Guihua Yu
Yuebing Zheng
Lei Zhou

## Admission Requirements

To enter the graduate program in mechanical engineering, a student should have an undergraduate degree in engineering or in an equivalent quantitative field of study. Students who do not meet this requirement may have to take additional courses at the discretion of the graduate advisor. Admission to the integrated Bachelor of Science in Mechanical Engineering and Master of Science in Engineering (BSME/MSE) program is only open to current Mechanical Engineering undergraduate students.

## Degree Requirements, Mechanical Engineering

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Engineering

There are generally three options under which a student may pursue the MSEME degree. Most students follow the thesis option, which requires 30 semester hours of credit, including six hours in the thesis course. Students who are appointed as teaching assistants or research quantitative field of study. Students who do not meet this requirement
.
assistants are expected to choose the thesis option. Except for students in manufacturing and decision systems engineering (MDSE), the report option requires 33 semester hours, including three hours in the report course; the MDSE concentration requires 36 hours, including three in the report course. The option without thesis or report requires 36 hours of coursework. At least 18 hours (including the thesis or report, if any) should be in the major area; at least six hours should be in a supporting area. The supporting courses may be in mechanical engineering but must represent a specialty distinct from the major courses. Some areas of study have required core courses.

The Department of Mechanical Engineering also offers an online MSEME degree program designed for working professionals. Students may complete the 30 -hour program in two years. Courses are taught online by faculty in the Department of Mechanical Engineering to the same standards as the traditional MSEME program. The online program is administered by the Cockrell School of Engineering's Texas Engineering Executive Education, which publishes additional information.

Integrated BSME/MSE program. Admission to the integrated Bachelor of Science in Mechanical Engineering and Master of Science in Engineering (BSME/MSE) program is open only to undergraduate students within the Department of Mechanical Engineering at The University of Texas at Austin. It results in the simultaneous awarding of a BSME degree (integrated option) and an MSE degree. The MSE degree options and requirements for students in the integrated BSME/MSE program are identical to those for students in the traditional MSE program. Admission requirements and procedures for the graduate portion of the integrated BSME/MSE program are also the same as for the traditional MSE program except that the requirement for an undergraduate degree upon entering the program has been waived by the University.

See the Bachelor of Science in Mechanical Engineering, integrated BSME/MSE program section of the Undergraduate Catalog for more details about the requirements of the integrated option BSME degree. Additional information about the integrated BSME/MSE program requirements and policies may be obtained from the mechanical engineering advising offices.

## Doctor of Philosophy

The student must pass a qualifying examination consisting of either. a) an examination administered by faculty members in the area of specialty, or b) a written examination administered by the department, followed by an oral examination administered by a faculty committee formed by the student's faculty advisor. After passing the qualifying examination, the student applies for candidacy by submitting a Program of Work that includes a proposed dissertation topic and a suggested dissertation committee. The dissertation committee recommends courses to be taken as part of the Program of Work, which should include at least 18 hours (for students with a master's degree) or 36 hours (for students without a master's degree) of graduate coursework in the area of specialization. This coursework must be taken on the letter-grade basis. The Program of Work must be approved by the chair of the Graduate Studies Committee. Application for candidacy must be submitted before the student completes fifty hours of credit toward the doctoral degree.

## Dual Degree Program

The Department of Mechanical Engineering offers the following dual degree program in cooperation with the McCombs School of Business. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Business administration | Master of Business |
|  | Administration |

## Graduate Certificate in Engineering Education

The Center for Engineering Education, in conjunction with the Department of Mechanical Engineering, administers a graduate certificate program in engineering education. The program is open to current graduate students at the University of Texas and requires completion of 16 hours of coursework. The graduate certificate will only be awarded at the time of degree conferral. Details on the certificate program are available on the Cockrell School of Engineering website.

## Stackable Certificate Programs, Mechanical Engineering

Stackable graduate certificates are available to degree-seeking and non-degree-seeking graduate students. Some stackable certificates may be awarded following completion of program requirements, while others require simultaneous awarding of the graduate certificate and a graduate degree.

See the Stackable Certificates section (p. 14) of this catalog for additional information and policies related to stackable certificates.

The graduate program for this catalog section offers the following stackable certificate programs. To see a full list of graduate certificates offered at the University, please see the Graduate Study (p. 8) section of the Graduate Catalog.

## Mechanical Engineering: Controls

The Mechanical Engineering: Controls graduate stackable certificate is designed primarily for working engineers who deal with the control and optimization of processes and systems. The program requires completion of 9 semester credit hours of coursework and is available to degree-seeking and non-degree-seeking students. All courses required for program completion are offered in an asynchronous online format in accordance with University policies that govern non-formula-funded (Option III) programs.

| Requirements | Hours |  |
| :--- | :--- | :--- |
| M E 381M | Statistical Methods for Process <br> Control Manufacturing | 3 |
| M E 386M | Modeling, Simulation, and Control <br> of Physical Systems | 3 |
| M E 387M | Applied Dynamics and Feedback <br> Control | 3 |

Total Hours

# Operations Research and Industrial Engineering 

Master of Science in Engineering

Doctor of Philosophy

## For More Information

Campus address: Engineering Teaching Center II (ETC) 5.202, phone (512) 471-1336, fax (512) 471-8727; campus mail code: C2200

[^0]URL: https://www.me.utexas.edu/academics/graduate-program/areas-of-study/operations-research-and-industrial-engineering

## Objectives

Operations research is a mathematical science concerned with optimal decision making and the modeling of deterministic and probabilistic systems. Its focus and field of application are interdisciplinary, embracing a broad range of quantitative techniques. Industrial engineering is concerned with the design, improvement, and installation of integrated systems of personnel, material, and equipment. Together, operations research and industrial engineering provide a rational approach to engineering and managerial problem solving through the deliberate application of scientific methods.

In practice, operations research and industrial engineering address both the performance objectives and the resource constraints of an organization, working toward the establishment of policies that are most beneficial to the organization as a whole. The function of the operations research analyst or the industrial engineer is to guide decision making by identifying underlying cause-and-effect relationships, developing and proposing courses of action, establishing criteria by which to judge their effectiveness, and evaluating their probable effects. The program in operations research and industrial engineering is designed to allow students to develop the technical, analytic, and managerial skills necessary to perform these tasks successfully.

The principal goals of the program are to provide the student with the educational basis for continued learning and to impart the fundamental skills necessary to be a successful analyst. Students are expected to develop proficiency in one or more programming languages, expertise in mathematical modeling, and an understanding of the uses and limitations of commercial optimization and statistical software. The master's degree program balances theory and applications. At the doctoral level, the program's emphasis on research is intended to enable students to extend their field of knowledge and to develop the analytic techniques that will serve them in academic, industrial, or governmental careers.

## Areas of Study

The program in operations research and industrial engineering is designed to educate engineers who will solve complex industrialsocioeconomic problems by applying fundamental principles from engineering, mathematics, economics, computer science, and systems theory. In support of this end, a wide variety of research and study areas are offered by a faculty whose expertise covers such fields as optimization, simulation, statistics, stochastic processes, decision analysis, and manufacturing systems. The program is rigorous but sufficiently flexible to accommodate the needs and interests of most students.

Once students choose a study area, they work closely with one or more faculty members pursuing research in that area. Because of the interdisciplinary nature of the program, many projects involve teamwork and collaboration with departments in the Cockrell School of Engineering and the McCombs School of Business. Each student's program includes a balanced combination of coursework, seminars, computational analysis, and research. State-of-the-art computer facilities, specialized laboratories, and the latest versions of applications software are available to all graduate students.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Jonathan F Bard
J Eric Bickel
Raghu Bollapragada
Stephen Boyles
Constantine Caramanis
Dragan Djurdjanovic
Grani Adiwena Hanasusanto

John J Hasenbein
Erhan Kutanoglu
Benjamin D Leibowicz
Lauren A Meyers
Evdokia Nikolova
Purnamrita Sarkar
Peter H Stone

## Admission Requirements

The Admission Committee uses the following policies in considering applicants for admission. Each application is reviewed on its merits.

1. Applicants must provide a Graduate Record Examinations General Test (GRE) score no more than five years old. The applicant should have a grade point average in upper-division undergraduate coursework of at least 3.0 on a 4-point scale, or the equivalent. Students who feel that their GRE scores and grades do not reflect their ability to do high-quality graduate work should submit a statement explaining this belief.
2. Both the master's and the doctoral degree program are designed for full-time study, but part-time students are accepted. From the time of entry until completion, students are expected to show evidence of commitment to the program and of progress toward the degree.
3. As a general rule, students should enter the program in the fall semester, because of the way basic graduate courses are scheduled.
4. Students who do not have undergraduate degrees in engineering, mathematics, or the sciences may be required to remove deficiencies before beginning graduate coursework.

## Degree Requirements, Operations Research and Industrial Engineering

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks.
Please contact the program with concerns or questions.

## Master of Science in Engineering

To enter the MSE program, a student should have an undergraduate degree in engineering or an equivalent quantitative field such as mathematics, economics, or one of the physical sciences. The graduate advisor may require those with degrees in other fields to take additional courses. In general, an adequate background includes coursework in probability, statistics, programming, linear algebra, calculus, engineering economics, and optimization. These courses may be taken after enrollment, but they usually will not be counted toward fulfillment of degree requirements.

The operations research component of the program emphasizes the application of mathematics to a variety of economic and operational problems. Students take advanced coursework in optimization, probability and statistics, and stochastic processes. Those interested primarily in industrial engineering may concentrate on forecasting, project management, production planning and control, scheduling, or logistics. Each student must complete either 24 semester hours of coursework, plus a thesis; 27 semester hours of coursework, plus a report; or 27 semester hours of coursework, plus a research project. More coursework may be required, depending on the student's background and goals. All options require at least two courses in a minor area, which usually comprises work in mathematics, business, computer science, or other branches of engineering.

## Doctor of Philosophy

The chief components of this program are scholastic excellence and original research. Although there is no specific number of semester hours required for the doctoral program, the student must meet the requirements of the Graduate Studies Committee (GSC), which means completing at least 24 hours of graduate coursework beyond a master's degree in a related field. The graduate advisor, in consultation with the members of the GSC, will determine the exact coursework requirements for those doctoral students with a Master's degree from another program. Formal admission to candidacy is considered by the GSC after a thorough review of the student's overall academic record and performance on the doctoral qualifying examination.

# Petroleum and Geosystems Engineering 

Master of Science in Engineering Doctor of Philosophy

## For More Information

Campus address: Chemical and Petroleum Engineering Building (CPE) 2.502, phone (512) 471-3161, fax (512) 471-9605; campus mail code: CO300

Mailing address: The University of Texas at Austin, Graduate Program, Hildebrand Department of Petroleum and Geosystems Engineering, 200 East Dean Keeton Stop C0300, Austin TX 78712-1585.

E-mail: pgegradoffice@mail.utexas.edu
URL: http://www.pge.utexas.edu/

## Objectives

This program is designed to educate engineers to solve problems related to exploring and recovering subsurface resources such as oil and gas. The program allows students to take courses in a broad range of areas, including computational geosystems engineering, drilling engineering, environmental and geosystems engineering, formation evaluation, petroleum economics, production engineering, and reservoir engineering.

Once students have chosen a degree option, they may choose to work closely with a faculty member conducting research in their area of interest. The program offers a doctoral degree based on a combination of coursework and research, and a master's degree based on either a thesis or a report, or on coursework alone.

## Facilities for Graduate Work

Excellent facilities for graduate research in petroleum and geosystems engineering are available in the Chemical and Petroleum Engineering Building. In addition to departmental offices and classrooms, the building houses over 40,000 square feet of laboratory space, providing unique capabilities for studies in production logging, vertical and inclined flow in wells, artificial lift, core flooding for enhanced oil recovery, subsurface environmental remediation, drilling, stimulation, rock mechanics, well $\log$ digitizing and interpretation, PVT analysis, reservoir simulation development and application, and unconventional resources. Additional laboratory space at the J. J. Pickle Research Campus is used for research. A machine shop is maintained to fabricate and support research equipment.

In addition to the facilities of Information Technology Services, students have access to a host of computers housed in the Hildebrand Department of Petroleum and Geosystems Engineering,
including numerous PCs, workstations, and supercomputing facilities at the Texas Advanced Computing Center. Excellent library facilities include the Mallet Chemistry Library, the Walter Geology Library, and the Kuehne Physics Mathematics Astronomy Library.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Matthew Thomas Balhoff<br>Hugh C Daigle<br>Mojdeh Delshad<br>David DiCarlo<br>David N Espinoza<br>John Timothy Foster<br>Kenneth E Gray<br>Zoya Heidari<br>Larry W Lake<br>Yingda Lu<br>Kishore Mohanty

Quoc Phuc Nguyen
Ryosuke Okuno
Jon E Olson
Masa Prodanovic
Michael Pyrcz
Kamy Sepehrnoori
Mukul M Sharma
Wen Song
Carlos Torres-Verdin
Eric van Oort
Mary F Wheeler

## Admission Requirements

All prospective degree candidates must have a background satisfactory for study of advanced petroleum engineering as determined by the Graduate Studies Committee. For students without this background, such as those without degrees in engineering or in the petroleum-related fields, the Graduate Studies Committee will recommend a program of coursework designed to prepare the student for graduate study. Complete requirements for admission are available online.

## Degree Requirements, Petroleum and Geosystems Engineering

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Engineering

With the approval of the Graduate Studies Committee, the student elects one of the following degree options:

1. Thesis option. Thirty semester hours (including six hours in the thesis course) are required to complete the program. In addition to the thesis, 18 semester hours of coursework must be completed in the Hildebrand Department of Petroleum and Geosystems Engineering; six semester hours of supporting work must be completed outside the department.
2. Report option. Thirty-three semester hours (including three hours in the report course) are required to complete the program. In addition to the report, 24 semester hours of coursework must be completed in the Hildebrand Department of Petroleum and Geosystems Engineering; six semester hours of supporting coursework must be completed outside the department.
For students who plan to continue their studies and enter the doctoral degree program, the report may be a PhD proposal.
3. Option without thesis or report. Thirty-six semester hours are required to complete the program. Twenty-seven to 30 semester hours of coursework must be completed in the Hildebrand Department of Petroleum and Geosystems Engineering; six to nine semester hours of supporting coursework must be completed outside the department.

All options must include at least 18 semester hours of engineering courses. The program of coursework must be approved by the graduate advisor and the graduate dean. More detailed information is available online.

The Hildebrand Department of Petroleum and Geosystems Engineering also offers the MSE degree in an online format that is designed for working professionals. All courses required to complete the 36 -hour program are offered in an asynchronous online format in accordance with University policies that govern non-formula-funded (Option III) programs. This program does not require completion of a Master's Thesis or Report. The online program is administered by the Cockrell School of Engineering's Texas Engineering Executive Education, which publishes additional information.

## Doctor of Philosophy

To qualify as a doctoral candidate, the student must fulfill the following requirements:

1. Students must choose and enroll in three signature courses during the fall semester (see handbook for signature course list). Students must pass each of the three signature courses so the combined 3class gpa is 3.3 or higher. Students must enroll in the courses before the 12th class day. No changes in registration can be made after the 12th class day.
2. Maintain a grade point average of at least 3.50 on all graduate coursework completed at The University of Texas at Austin.
3. Students must pass a PhD Qualifying Exam followed by a PhD Proposal Exam. The PhD Proposal Exam should be taken no later than 12 to 18 months after the PhD Qualifying Exam; and the PhD Proposal Exam should not be taken longer than 30 months after enrolling in the PhD program.
4. Students are admitted to PhD candidacy by the Graduate School of The University of Texas at Austin and ultimately are required to write and successfully defend their PhD dissertation before their dissertation committee. Detailed information about Advancing to Doctoral Candidacy is available on the Graduate School website.

Doctoral candidates should refer to our departmental web pages for various PhD background requirements.

In general, two to four years beyond the master's degree are required to complete the Doctor of Philosophy degree program. More detailed information is available online.

## Stackable Certificate Programs, Petroleum and Geosystems Engineering

Stackable graduate certificates are available to degree-seeking and non-degree-seeking graduate students. Some stackable certificates may be awarded following completion of program requirements, while others require simultaneous awarding of the graduate certificate and a graduate degree.

See the Stackable Certificates section (p. 14) of this catalog for additional information and policies related to stackable certificates.

The graduate program for this catalog section offers the following stackable certificate programs. To see a full list of graduate certificates offered at the University, please see the Graduate Study (p. 8) section of the Graduate Catalog.

## Petroleum Engineering: Data Analytics

The Petroleum Engineering: Data Analytics graduate stackable certificate is designed primarily for the working petroleum engineer who wants to master the ability to use analytics on the massive amounts of data being made available in the industry to better inform decision-making. The program requires completion of nine semester credit hours of coursework and is available to degree-seeking and non-degree-seeking students. All courses required for program completion are offered in an asynchronous online format in accordance with University policies that govern non-formula-funded (Option III) programs.

## Requirements

## Hours

PGE 383

PGE 383

Special Topics in Petroleum and Geosystems Engineering (Topic 66: Data Analytics and Geostatistics) Special Topics in Petroleum and Geosystems Engineering (Topic 63: Subsurface Machine Learning)
Special Topics in Petroleum and Geosystems Engineering (Topic 64: High Performance Computing for Engineers)

Total Hours

## Petroleum Engineering: Fundamentals

The Petroleum Engineering: Fundamentals graduate stackable certificate is designed primarily for non-petroleum engineers working in the oil and gas industry that desire a solid understanding of the fundamentals of the industry, including reservoir engineering, drilling, and production. The program requires completion of nine semester credit hours of coursework selected from the list below. The program is available to degree-seeking and non-degree-seeking students. All courses required for program completion are offered in an asynchronous online format in accordance with University policies that govern non-formula-funded (Option III) programs.

## Requirements

Hours
9 hours from the following:

| PGE 381L | Advanced Petrophysics |
| :--- | :--- |
| PGE 383 | Special Topics in Petroleum and <br> Geosystems Engineering (Topic 35: <br>  <br>  <br> PGE 381 |
| Advanced Production Engineering) |  |

## Petroleum Engineering: Unconventional Resources

The Petroleum Engineering: Unconventional Resources graduate stackable certificate is designed primarily for the working petroleum engineer who desires additional expertise and tools to understand and evaluate unconventional oil and gas reservoirs. The program requires completion of nine semester credit hours of coursework and is available to degree-seeking and non-degree-seeking students. All courses required for program completion are offered in an asynchronous online format in accordance with University policies that govern non-formula-funded (Option III) degree programs.

Requirements
Hours

PGE 383

PGE 383

PGE 383

## Courses, Department of Aerospace Engineering and Engineering Mechanics

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Aerospace Engineering and Engineering Mechanics: Aerospace Engineering (ASE) and Engineering Mechanics (EM).

## Courses, Department of Biomedical Engineering

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Biomedical Engineering: Biomedical Engineering (BME).

## Courses, Department of Civil, Architectural, and Environmental Engineering

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Civil, Architectural, and Environmental Engineering: Architectural Engineering (ARE) and Civil Engineering (C E).

## Courses, Department of Electrical and Computer Engineering

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Electrical and Computer Engineering: Electrical and Computer Engineering (ECE).

Courses, Engineering Management Graduate Program

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Engineering Management Graduate Program: Engineering Management (ENM).

## Courses, Hildebrand Department of Petroleum and Geosystems Engineering

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Hildebrand Department of Petroleum and Geosystems Engineering: Petroleum and Geosystems Engineering (PGE).

## Courses, J. Mike Walker Department of Mechanical Engineering

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the J. Mike Walker Department of Mechanical Engineering: Mechanical Engineering (M E) and Operations Research and Industrial Engineering (ORI).

## Courses, John J. McKetta Jr. Department of Chemical Engineering

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the John J. McKetta Jr. Department of Chemical Engineering: Chemical Engineering (CHE).

## Courses, Manufacturing Systems Engineering Graduate Program

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Manufacturing Systems Engineering Graduate Program: Manufacturing Systems Engineering (MFG).

## Courses, Materials Science and Engineering Graduate Program

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Materials Science and Engineering Graduate Program: Materials Science and Engineering (MSE).

## College of Fine Arts <br> College of Fine Arts

Master of Arts<br>Master of Fine Arts<br>Master of Music<br>Doctor of Musical Arts

The College of Fine Arts educates artists, scholars, designers, and art educators within a context that emphasizes artistic excellence, advanced technology, cultural diversity and best professional practices. The college places high priority on research and the creation of new work through its many programs and degrees offered by the Butler School of Music, the Department of Art and Art History, the Department of Theatre and Dance, and the School of Design and Creative Technologies.

Texas Performing Arts, the university's arts presenting organization, and Landmarks, the university's public art program, along with the Visual Arts Center a contemporary gallery space showcasing student, faculty and guest artists, are housed within the college and provide performances and exhibitions that deepen the understanding of the arts, expand audiences and develop a better quality of life in the University, community, state and nation.

## Facilities for Graduate Work

In addition to specialized facilities of the Butler School of Music, the Department of Art and Art History, the Department of Theatre and Dance, the Department of Design and the Department of Art and Entertainment Technologies, which are housed within the School of Design and Creative Technologies, the College of Fine Arts includes the Fine Arts Library, Texas Performing Arts, the University's arts presenting organization, as well as Landmarks, the University's public art program.

The Fine Arts Library (FAL), located in the Doty Fine Arts building (DFA), is a unit of The University of Texas Libraries that serves research and instruction in the College of Fine Arts. With the inclusion of materials from the former Audio Visual Library, the FAL collections include approximately 350,000 books and scores, 400 current serial subscriptions, 48,000 compact discs, 12,000 DVDs, 12,000 video cassettes and videodiscs, 6,200 reels of microfilm, 24,000 microfiche, and over 135,000 LPs. Opened in 2016, The Foundry adds a makerspace to the FAL, offering 3D printing, gaming equipment, a textile lab, and a music studio.

The theatre and dance collections support the Department of Theatre and Dance, which concentrates on performance, especially play production, theatrical design, playwriting, theatre education, and dance. The Fine Arts Library holds texts of major plays written in English or translated into English, with contemporary plays collected most heavily. The Perry-Castañeda Library also holds texts of plays in English and other languages, with emphasis on plays as a literary form and on literary criticism. The extensive Art and Art History collections create a pivotal focus of research for graduate study.

The music collection supports instruction and research in the Sarah and Ernest Butler School of Music, which includes music performance, composition, ethnomusicology, music and human learning, music theory, and musicology. Most historical periods and geographical areas are covered in both classical and popular idioms. Music is represented in a wide variety of printed and recorded formats.

The special collections of the Fine Arts Library include the Historical Music Recordings Collection, the papers of the Paramount and State Theatres, and papers of Sam Shepard. The Historical Music Recordings Collection is an archive of audio recordings in all formats. Holding more than two hundred thousand items, it is one of the largest collections of audio recordings in the United States.

Texas Performing Arts presents a full season of music, theater, dance, and Broadway shows every year, with special student discounts for many productions. Located in the heart of the arts quadrant on campus, the TPA also serves as a learning laboratory for university students,
providing them with opportunities to work alongside professionals in arts management and administration.

As the University's public art program, Landmarks enriches the lives of students and visitors by presenting art that is broadly accessible and free to all. More than thirty-five works of modern and contemporary art are on view throughout the 433-acre campus. The collection not only enhances the beauty of the landscape, but also supports scholarship and learning by demonstrating significant art historical trends from the past six decades.

## Areas of Study

The College of Fine Arts offers graduate study through the following schools and departments: The Department of Design, which is housed within the School of Design and Creative Technologies, offers graduate study in design. The Department of Art and Art History offers graduate study in art history, studio art, and art education. The Butler School of Music offers graduate study with concentrations in performance (including conducting and opera), music and human learning, musicology (including ethnomusicology), composition, conducting, and theory (a jazz emphasis is available in approved areas). The Department of Theatre and Dance offers graduate study with concentrations in directing, dance, drama and theatre for youth and communities, performance as public practice, playwriting, stage technology and integrated media, and live design. See Art Education (p. 95), Art History (p. 95), Design (p. 96), Music (p. 97), Studio Art (p. 99), and Theatre and Dance (p. 100) for more information. Further information is available from the graduate advisor of each program.

## Art Education

## Master of Arts

## For More Information

Campus address: Art Building (ART) 3.330, phone (512) 471-3377; campus mail code: D1300

Mailing address: The University of Texas at Austin, Graduate Program in Art Education, Department of Art and Art History, 2301 San Jacinto Boulevard D1300, Austin TX 78712-1421

Contact: Clare Thoman, Graduate Program Coordinator
URL: https://art.utexas.edu/admissions/graduate/art-education

## Facilities for Graduate Work

Students have access to a range of high-quality facilities for study on the University campus, as well as in the greater Austin community. There are many dynamic museums and active community-based art sites and programs that students can use for research and internships. Of particular note are the University's Blanton Museum of Art and Harry Ransom Center. Public school districts in Austin and the surrounding area also provide research and internship opportunities for students. Students have access to the University's comprehensive library system, including the Perry-Castañeda Library with more than 2.5 million volumes, and the Fine Arts Library, which contains a substantial visual and sound collection. Both the Department of Art and Art History and the College of Fine Arts offer access to state-of-the-art computer facilities.

## Areas of Study

Art education occurs within a variety of locations, which may include public and private schools, museums, community centers, after-school programs, prisons, rehabilitation facilities, and assisted living centers.

These settings provide on-site learning and research opportunities for students in the Master of Arts program. Students choose coursework and a guided internship in one of three emphases in art education: school focus (certification or non-certification option), museum education focus, and community-based arts focus. The school focus emphasis is designed for students who want to enhance their knowledge of art education at the elementary and secondary school level; the museum education focus emphasis is designed for students interested in learning about and working in the field of art museum education; and the community-based arts focus emphasis is designed for students who want to investigate and conduct professional activities in art education in community-based sites or organizations.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Christopher O Adejumo | Donalyn Heise |
| :--- | :--- |
| Christina Bain | Dawn Stienecker |

## Admission Requirements

A bachelor's degree in art education, studio art, or art history is recommended for admission to any of the three emphases within the art education master's program. However, special consideration may be given to the applicant with a related bachelor's degree and prior experience in art teaching, museum education, or art education work in a community-based setting.

## Degree Requirements, Art Education

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

All emphases require 36 semester hours of coursework consisting of 30 hours in art education (including 12 hours in core art education courses, six hours in the student's chosen emphasis, three hours of internship or on-site experience, three hours in art education electives, and six hours in Art Education 698 or six hours in Art Education 382L). Upon completion of 18 semester hours of approved coursework, students must present a thesis/project proposal to their graduate committee and receive approval before beginning work on their thesis or project.

## Art History

> Master of Arts
> Doctor of Philosophy

## For More Information

Campus address: E. William Doty Fine Arts Building (DFA) 2.502, phone (512) 232-2047; campus mail code: D1300

Mailing address: The University of Texas at Austin, Graduate Program in Art History, Department of Art and Art History, 1 University Station D1300, Austin TX 78712

Contact: Clare Thoman, Graduate Program Coordinator
URL: https://art.utexas.edu/admissions/graduate/art-history

## Facilities for Graduate Work

Facilities for study and research include an open-shelf fine arts library containing more than 125,000 volumes and periodicals; extensive digitalimage databases; and the Blanton Museum of Art, which has an active exhibition program and can provide training in the various aspects of museum work.

The Fine Arts Library is supplemented by the Perry-Castañeda Library, with holdings of more than 2.5 million volumes; the rare books and manuscripts of the Harry Ransom Center; and the specialized libraries of the School of Architecture, the Department of Classics, and the Teresa Lozano Long Institute of Latin American Studies.

Visual resources on campus include the Mari and James A. Michener Collection of American Painting; the Duncan Collection of Latin American Art; the Suida-Manning Collection of Renaissance and Baroque Art; an encyclopedic print collection; the Battle Collection of casts after ancient sculpture; and additional drawings, paintings, prints, sculptures, silver, and furniture. Visual resources in the Harry Ransom Humanities Research Center include rare books, manuscripts, photographs, film, and art.

## Areas of Study

Graduate study in art history is offered in traditional areas of Western art and in African and African American, Asian, Islamic, Latin American, Chicano/a, US Latino/a, and pre-Columbian art. The student may pursue the degree of Master of Arts or that of Doctor of Philosophy.

For Masters students, the general track allows students to cover diverse historical areas of art history; students who desire to pursue a more specialized approach may choose tracks from one of three areas: ancient (western and non-western), medieval to early modern, and modern.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Edward Chambers
Michael J Charlesworth
John R Clarke
Penelope J Davies
George F Flaherty
Julia E Guernsey
Linda D Henderson
Joan A Holladay
Ann C Johns
Janice Leoshko
Stephennie Mulder

Adele E Nelson
Moyosore Benjamin Okediji
Athanasio Papalexandrou
Susan W Rather
Ann M Reynolds
Astrid Runggaldier
Richard A Shiff
Cherise Smith
Jeffrey C Smith
David S Stuart
Louis A Waldman

## Admission Requirements

## Master of Arts

Students seeking admission to the Master of Arts degree program are expected to have an undergraduate degree in art history or to have completed substantial coursework in art history. Students must also demonstrate the capacity for advanced academic work.

## Doctor of Philosophy

For admission to the Doctor of Philosophy degree program, the student must have a master's degree in art history, or have completed substantial coursework in art history on both the undergraduate and graduate levels. Students with special backgrounds in other disciplines are judged on an individual basis.

## Degree Requirements, Art History

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The program requires 30 semester hours of coursework, including six hours in the thesis course and six hours in supporting work (supporting work consists of upper-division or graduate courses in such related areas as history, literature, anthropology, archaeology, classical civilization, philosophy, architecture, music, museum education, and area studies). In addition to Art History 395, Art Historical Methods, students must complete four seminars selected according to their chosen degree track (general, ancient, medieval to early modern, or modern). Students take an additional three semester hours of art history preferably as a seminar but, in certain cases, as a reading tutorial (Art History 396, Advanced Reading Tutorial) or a lecture tutorial (Art History 396K, Advanced Lecture Tutorial). Students must show evidence of the ability to read one foreign language by the end of three long-session semesters in the program.

## Doctor of Philosophy

Degree requirements are: (1) completion of five seminar courses, including coursework in at least two of the following chronological areas of Western and non-Western art: ancient, medieval to early modern, and modern; (2) reading competence in two foreign languages; (3) successful participation in the dissertation colloquium; (4) a written and oral qualifying examination that admits the student to candidacy; (5) the dissertation; and (6) the oral defense of the dissertation.

## Design

## Master of Fine Arts <br> Master of Arts

## For More Information

Campus address: Art Building (ART) 3.330, phone (512) 471-3377; campus mail code: D1300

Mailing address: The University of Texas at Austin, Graduate Program in Design, School of Design and Creative Technologies, 2301 San Jacinto Boulevard Stop D1300, Austin TX 78712-1412

E-mail: Graduate Coordinator. design@utexas.edu (Design@utexas.edu)
MFA in Design URL: https://designcreativetech.utexas.edu/mfa-design
MA in Design URL: https://designcreativetech.utexas.edu/ma-design

## Facilities for Graduate Work

After completing required safety training, graduate students in design may use the woodshop, computer lab/digital printing lab, risograph lab, in-house fabrication lab (equipped with ABS-plastic and thermal 3D Printers, large-scale CNC router, laser cutters, and vinyl cutters), and letterpress printing lab (featuring platen presses, proofing presses, bookbinding equipment, and an extensive collection of metal and wood type), housed in the ART Building and Anna Hiss Gymnasium (AHG).

Graduate students in design also have ready access to the book and periodical collections of the Fine Arts Library (FAL), where they may also check out photographic, video, audio, computer, and robotic equipment. The FAL is also home to the Foundry, a staffed maker space equipped with 3D printers, laser cutters, VR headsets, sewing machines, mills,
soldering guns, large-format printer, vinyl cutter, video wall, recording studio, and workstations with game development software.

## Areas of Study

Through advanced studio courses in design, elective courses in related fields, and design history/theory/criticism courses, the curricula of the graduate programs in design encourage students to take full advantage of the programs' location within a top-tier research university. Rather than offering traditional medium-based specializations in communication design, interaction design, or industrial design, the programs instead encourage students to integrate knowledge and modes of inquiry from other disciplines into their design practice, and to develop mastery in a range of image-making, typographic, modeling, prototyping, and/or coding skills most appropriate to their own area of investigation.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Katherine Canales
Kate Catterall
Gray B Garmon
Tamie Michele Glass
Carma Ryanne Gorman

Kelcey C Gray
Sam Lavigne
Jiabao Li
Monica Penick
Scott R Witthoft

## Admission Requirements

## Master of Fine Arts

In addition to meeting all general admission requirements laid out by the Graduate School, applicants to the Master of Fine Arts (MFA) degree program must submit a portfolio, a personal statement, and two letters of recommendation from individuals familiar with the applicant's academic and design work. The GRE is not a requirement for admission to the MFA program; but students who have taken the GRE, GMAT, LSAT, MCAT or other graduate-level standardized tests are encouraged to submit their score reports with their application.

Applicants for admission to the Master of Fine Arts (MFA) degree program are expected to be self-motivated, experienced practitioners of design with a strong portfolio of recent work, a clearly stated rationale for undertaking graduate study in design, and a well-defined area of investigation around which they propose to focus their coursework, research, and creation in the program.

## Master of Arts

In addition to meeting all general admission requirements laid out by the Graduate School, applicants to the Master of Arts (MA) degree program must submit a personal statement, current résumé/CV, and three letters of recommendation from individuals familiar with the applicant's academic and professional potential. The GRE is not a requirement for admission to the MA program, but students who have taken the GRE, GMAT, LSAT, MCAT or other graduate-level standardized tests are encouraged to submit their score reports with their application.

Students must enter the Master of Arts in Design Option III program in the summer semester. Applicants admitted to the Master of Arts in Design Option III program will be required to submit a nonrefundable enrollment deposit to secure enrollment in the program.

## Degree Requirements, Design

## Master of Fine Arts

Candidates for the MFA degree must complete at least 60 semester hours of coursework, chosen with the advice and approval of the graduate advisor. Students must complete at least 33 hours of studio coursework, at least 30 of which must be graduate studio courses in design; at least nine hours of academic studies concerned with design; and at least six hours in areas of study other than design. Remaining hours may be selected from graduate courses in any area of study at the University. Up to nine hours of upper-division undergraduate coursework in any subject may, with the approval of the graduate advisor, be counted toward the degree.

## Master of Arts

Candidates for the MA degree must complete at least 40 credit hours of coursework. Twenty-six credit hours will be in design and 14 credit hours will be prescribed electives specific to the student's track (area of focus). The MA degree does not require a Master's thesis or report.

## Dual Degree Programs

The School of Design and Creative Technologies offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor.

| Major(s) | Degree(s) |
| :--- | :--- |
| Medicine | Doctor of Medicine |

## Music

> Master of Music (in Music)
> Doctor of Musical Arts (in Music)
> Doctor of Philosophy (in Music) Master of Music (in Music and Human Learning) Doctor of Musical Arts (in Music and Human Learning) Doctor of Philosophy (in Music and Human Learning) Master of Music (in Conducting)
> Doctor of Musical Arts (in Conducting)

## For More Information

Campus address: Music Recital Hall (MRH) 3.706, phone (512) 232-2066; campus mail code: E3100

Mailing address: The University of Texas at Austin, Graduate Program, Butler School of Music, 2406 Robert Dedman Drive Stop E3100, Austin TX 78712

E-mail: mga@mail.music.utexas.edu
URL: http://www.music.utexas.edu/

## Facilities for Graduate Work

The Fine Arts Library has excellent facilities for research in its collection of books, scores, periodicals, microforms, and sound recordings. In addition, the Harry Ransom Center houses many special collections of importance, including the Kraus Libretti Collection, the Bachmann Collection, the Carlton Lake Collection, and the Theodore Finney Collection. The Butler School of Music also maintains a collection of authentic early instruments, non-Western instruments, and folk instruments that are available for performance.

## Areas of Study

Performance. Degrees in this area of concentration are awarded for performance on brass, woodwind, percussion, keyboard, and stringed instruments, and in voice, opera, collaborative piano, and chamber music. In addition to demonstrating the technical achievements of the artistperformer, the student is expected to exhibit a thorough knowledge of the theoretical, pedagogical, and historical aspects of the major, as well as a knowledge of the literature of the performance area.

Music and Human Learning. Students in this major study the fundamental principles of human learning and behavior as applied in all aspects of music activity, including performance, perception, composition, analysis, pedagogy, and the role of music in elementary and secondary schools and in higher education. Individual courses of study are uniquely designed to broaden and refine the knowledge and skills of experienced educators, preparing them for advanced careers as teachers and scholars in the various dimensions of research and professional education.

Musicology/Ethnomusicology. Students pursuing degrees in this area of concentration have the opportunity to acquire the appropriate tools and methods of research in both historical musicology and ethnomusicology, and to study the history of music from the remote past to the present as well as the nature and function of music in the cultures of the world. The student also has the opportunity to do research in any historical aspect of music and to undertake field research in any cultural area. This major provides preparation for positions in college teaching, in research, in music criticism, and, with additional training, in library work. A broad background in the humanities and social sciences is essential for this area of study. Languages, history, philosophy (aesthetics), psychology, anthropology, cultural studies, and sociology are supporting, related fields.

Composition. Students pursuing degrees in this area of concentration have the opportunity to acquire the tools to create music and convey their musical ideas through a variety of performance media. Students are expected to exhibit a thorough knowledge of the theoretical and historical basis of music and to develop strong pedagogical skills. A comprehensive general curriculum and optional concentrations in various areas of specialization help to prepare students for advanced careers as composers and teachers.

Conducting. Students in this major study the artistic, technical, physical, and leadership principles and skills required of successful conductors at the professional and postsecondary levels. Intensive coursework in conducting, score study, analysis, musicology, and theory is combined with opportunities to conduct University ensembles. Individual courses of study are tailored to prepare students for advanced careers as artists and teachers.

Theory. Students pursuing degrees in this area of concentration study the principles of music, develop skills in music analysis and scholarly research, and prepare themselves to become college teachers in music theory. Competence in keyboard performance, proficiency in aural skills, a thorough knowledge of the pedagogy of music theory, and a broad background in the humanities are essential for this area of study.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Gregory D Allen
Joel Braun
Nathaniel O Brickens
Andrew A Brownell
James W Buhler
Chelsea Burns
Thomas A Burritt
Charles Daniel Carson
Andrew F Dell'Antonio
Eric A Drott
Robert A Duke
Veit F Erlmann
John M Fremgen
James Gabrillo
Marianne Gedigian
Donald J Grantham
Jonathan F Gunn
Robert S Hatten
Jeffrey L Hellmer
Adam Holzman
Patrick Hughes
Kristin Wolfe Jensen
Jerry F Junkin
Brian D Lewis
Hannah Lewis
William L Lewis

## Admission Requirements

All applicants are required to furnish a statement of intent in graduate study and three letters of reference pertaining to their potential for graduate work in music, music and human learning, or conducting. Graduate Record Examinations scores are not required for students pursuing degrees in conducting or in music with concentrations in composition or performance. Applicants seeking admission to degree programs with a concentration in performance typically must perform a live audition. Exceptions and detailed instructions can be found on the Butler School of Music graduate admissions website. Those seeking admission to the degree program in conducting and certain areas of concentration within music must submit prescreening videos before arranging for a live audition on campus; those planning to major in music with a concentration in composition must send scores and recordings of their music; and those planning to major in music with a concentration in musicology, ethnomusicology, or music theory must submit samples of their written work. Those applying for admission to doctoral degree programs in music and human learning must submit samples of written work and video recordings of their teaching.

Diagnostic examinations in music theory and in music history and literature are required of all students before registration for the first semester of graduate work. Passing these examinations or remediation of the deficiencies by completing assigned courses is necessary for completion of every degree, and, in the case of doctoral students, is a prerequisite to doctoral comprehensive examinations.

Entering graduate students in music pursuing a concentration in voice are expected to have taken the equivalent of one semester each of Italian, French, and German, and two semesters of diction. All entering graduate students pursuing a degree with a concentration in voice are given a diagnostic examination consisting of reading in these three languages. The examination stresses proficiency in pronunciation and is used to help the student plan a program of study.

## Degree Requirements, Music

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Music

The Master of Music degree with a major in music includes the following areas of concentration: performance (including collaborative piano, opera coaching/directing, and chamber music), composition, theory, literature and pedagogy, musicology, and ethnomusicology. The Master of Music degree is also offered with a major in conducting and a major in music and human learning. Entering students should have a bachelor's degree (or the equivalent) from an accredited institution.

Most programs of study leading to the Master of Music require between 30 to 36 semester hours of coursework depending on the degree major and area of concentration. The program of work for music degrees with a concentration in musicology, ethnomusicology, music theory, and literature/pedagogy includes a three-hour Master's Report (Music 398M) in lieu of the six-hour Master's Thesis (Music 698A, Music 698B). A comprehensive examination is required of all master's degree candidates, usually in the final semester of study.

Further information about master's degrees is given in Degree Requirements (p. 23). Details of departmental requirements in the various areas of concentration are available from the graduate admissions coordinator.

## Doctor of Philosophy

The Doctor of Philosophy (PhD) degree in music is offered with concentrations in musicology, ethnomusicology, and music theory. The PhD degree is also offered with a major in music and human learning. Candidates for PhD degrees are required to pass a comprehensive examination and to write a dissertation based on original research. Information about requirements in the various areas of concentration is available from the graduate admissions coordinator.

## Doctor of Musical Arts

The Doctor of Musical Arts (DMA) degree allows for three majors: music, conducting, and music and human learning. The DMA degree in music offers concentrations in composition (including a jazz emphasis) and in performance (including opera, collaborative piano, jazz, and voice pedagogy emphases). The DMA degree in music and human learning includes jazz pedagogy and piano pedagogy emphases. Candidates for the DMA degree must pass a comprehensive examination. They must demonstrate outstanding professional competence, artistic maturity, and exceptional knowledge of the historical and practical aspects of their major field. Each candidate must prepare a scholarly treatise in a field appropriate to the major or complete the alternative requirements of the non-treatise degree option. For music majors pursuing a concentration in composition, an original musical work replaces the treatise. A jazz emphasis is also available in the performance and the composition majors.

Further information about requirements in various areas of concentration is available from the graduate admissions coordinator.

## Artist Diploma in Music Performance

The Artist Diploma is a highly specialized and performance-oriented non-degree graduate certificate program for exceptional musicians who have great potential for a professional career in music performance
at the international level. To be considered for admission, applicants must meet the admission requirements for performance majors. The program requires completion of at least 27 semester hours of graduate coursework, including but not limited to courses in performance, performance practice, and advanced music literature, as well as an artist recital course taken for each of three required recitals. Additional information is available from the graduate admissions coordinator.

## Studio Art

## Master of Fine Arts

## For More Information

Campus address: Art Building (ART) 3.330, phone (512) 471-3377; campus mail code: D1300

Mailing address: The University of Texas at Austin, Graduate Program in Studio Art, Department of Art and Art History, 2301 San Jacinto Boulevard D1300, Austin TX 78712-1421

Contact: Clare Thoman, Graduate Program Coordinator
URL: https://art.utexas.edu/graduate/studio-art

## Facilities for Graduate Work

Studios for all areas are housed in the Art Building, and graduate students generally have access to these facilities 24 hours a day, seven days a week. Graduate students are assigned an individual studio workspace; all students have access to a fully furnished wood shop that is also open evenings and weekends. Students have access to the 3D Fab Lab featuring equipment for three-dimensional milling, scanning, and printing. The studio art computer lab features fully equipped Macintosh graphics workstations and auxiliary hardware and software. Students also have access to the holdings of the Fine Arts Library, housed in the E. William Doty Fine Arts Building. Additionally, students have access to the cultural materials available for study at the Harry Ransom Research Center for the Humanities, to the circulating materials available at the Materials Lab in the School of Architecture, and to the exhibitions and collections of artworks housed at the Blanton Museum of Art.

The area studios contain the following facilities: for painting, wellventilated, well-lit, individual studios within a communal suite; for photography, individual studios and access to the wet black-and-white and digital darkrooms with their attendant equipment; for printmaking, individual studios and access to the well-equipped print studio including presses for lithography, intaglio and serigraphy; for sculpture, private studios and access to fabrication facilities for casting, welding, and moldmaking; and for transmedia, a group studio with access to the performance facility with green screen and the computer lab with image processors, video cameras, video mixers with chroma-key functions, 16mm film and digital multimedia equipment, and audio equipment.

## Areas of Study

The interdisciplinary studio art graduate program is structured around five studio areas: painting and drawing; photography and media; print; sculpture and extended media; and transmedia (video/performance/ digital media). Students are encouraged to practice across disciplines or conversely, to master a single area of studio practice. The curriculum is designed to privilege studio time while also delving into the academic riches available at The University of Texas at Austin. The course of study includes individual and group critiques, seminars taught by artists or art historians or other arts professionals, and discussions with visiting artists and critics. Students select a committee of three to four graduate
faculty for whom, each semester, they present their work in service of a discussion and evaluation of their progress.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Beverly Dominique Acha
Nicole Awai
Alexander Birchler
Troy D Brauntuch
Sarah A Canright
Scherezade Garcia-Vazquez
Teresa Hubbard
Beili Liu
Kristin Lucas

Richard E McMaster
Bogdan P Perzynski
Margo L Sawyer
Michael Smith
John S Stoney
Daniel D Sutherland
Jeff Williams
John A Yancey

## Admission Requirements

The applicant must be an early-career artist with a bachelor's degree in studio art. Applicants with bachelor's degrees in other fields will be considered if they have completed substantial coursework in studio art and art history or if their portfolio proves demonstrated interest and accomplishment in studio art. Students apply to up to two of the five specializations and submit online a 20 -image portfolio representing a coherent body of work made within the previous two years. Transmedia applicants must submit work online and may also provide additional materials on DVD or USB flash drive. Full application instructions are available on the program's website.

## Degree Requirements, Studio Art

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

The student must begin coursework in the fall semester. The program requires the completion of the following 60 semester hours over a period of two years in residence: 32 to 35 hours of studio coursework, three hours in art history and/or criticism, eight hours in studio seminars, four hours in professional practice seminar, three hours in a Master's portfolio report, four hours in a Master's exhibition seminar, and six hours in approved elective courses in support of the student's studio research. In addition, students must pass a review by faculty committee at the end of each semester. The 30-hour midpoint review is presented before all studio art Graduate Studies Committee faculty and studio art graduate students while the other semester-end reviews are private. The final review takes place at the thesis exhibition.

## Theatre and Dance

Master of Arts (Theatre)<br>Master of Fine Arts (Dance)<br>Master of Fine Arts (Theatre)<br>Doctor of Philosophy (Theatre)

## For More Information

Campus address: F. Loren Winship Drama Building (WIN) 1.142, phone (512) 471-5793, fax (512) 471-0824; campus mail code: D3900

Mailing address: The University of Texas at Austin, Graduate Program, Department of Theatre and Dance, 300 East 23rd Street Stop D3900, Austin TX 78712

E-mail: theatreanddance@utexas.edu
URL: http://theatredance.utexas.edu/

## Facilities for Graduate Work

The rare and unique materials in the Performing Arts Collection of the Harry Ransom Center, along with the collections in the Fine Arts Library and other units of the University Libraries, constitute one of the most extensive research facilities in the country. The Department of Theatre and Dance also maintains a collection of historical clothing for research purposes. The theatrical production facilities of the Performing Arts Center, described in the Fine Arts (p. 94) section, are unsurpassed.

## Areas of Study

Master of Arts. The Master of Arts with a major in theatre is offered in two areas: performance as public practice, and teacher training. The Master of Arts in performance as public practice is appropriate preparation for doctoral study; the Master of Arts in teacher training is an appropriate terminal degree for $\mathrm{K}-12$ teaching.

Master of Fine Arts. The Master of Fine Arts is offered in both theatre and dance. The major in theatre includes five specializations: directing, drama and theatre for youth and communities, live design and production, performance as public practice, and playwriting. While crossover study among all of the MFA specializations is encouraged, live design and production students declare a primary discipline among scene design, lighting design, costume design, costume technology, or integrated media. The major in dance has an emphasis in dance and social justice. The Master of Fine Arts provides advanced training for those specializing in theatre and dance and is an appropriate terminal degree in these areas.

Doctor of Philosophy. The doctoral degree in theatre is offered in performance as public practice. The program requires competence in research and allows the student to develop both a broad understanding of the field, including practical skills, and in-depth knowledge of a specialized area.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Megan Alrutz | Michelle Habeck |
| :--- | :--- |
| Charles Odell Anderson | Kirk E Lynn |
| Annie N Baker | Gesel Mason |
| Raquel M Barreto | Sven Ortel |
| Paul A Bonin | Francie Ostrower |
| Charlotte Canning | Robert Ramirez |
| Rusty Cloyes | Ramon H Rivera-Servera |
| Leah Cox | Rebecca Rossen |
| Tina Marie Curran | KJ Sanchez |
| Kathryn M Dawson | Roxanne Schroeder-Arce |
| Douglas J Dempster | Adriana Serrano |
| Franchelle Dorn | Lisa B Thompson |
| Lucien Douglas | Joel Valentin-Martinez |
| James J Glavan | Holly A Williams |

Laura G Gutierrez

## Admission Requirements

Master's degrees. The applicant must have a bachelor's degree and must have demonstrated interest and experience in theatre and/or dance. The Graduate Record Examinations General Test (GRE) is required for
admission to the performance as public practice and drama and theatre for youth and communities specializations.

Doctoral degree. Students admitted to the doctoral program must hold a master's degree from an accredited institution. All applicants must submit GRE scores.

## Degree Requirements, Theatre and Dance

Master of Arts. Of the 30 semester hours required for the degree, no more than nine hours may be in upper-division courses. At least 15 hours must be in the major; at least six must be outside the major. A written thesis is required, for which the student earns six hours of credit in Theatre and Dance 698. Other coursework is determined following an evaluation of the student's background and preparation.

Master of Fine Arts. Of the 60 semester hours required for the degree, no more than nine may be in upper-division courses. A minor of at least six hours in a supporting subject or subjects outside the major field is required. A thesis is required, for which the student earns six hours of credit in Theatre and Dance 698. Other coursework is determined following an evaluation of the student's background and preparation.

The requirements for the Master of Fine Arts are based on the assumption that the entering student has a Bachelor of Arts degree in theatre or dance, or a degree in a related field. Students with degrees in other disciplines may not have the necessary training or proficiency for some areas of the Master of Fine Arts program. They may be required to take additional upper-division coursework in theatre and/or dance.

Students with a Bachelor of Fine Arts degree may have training and proficiency beyond those of Bachelor of Arts graduates. These students may be granted waivers of some credit hours. Waivers are awarded only after careful evaluation by the faculty of the student's previous training and experience. No more than 20 semester hours of credit may be waived.

Doctor of Philosophy. The student's program of study, including coursework and other requirements to be met, must be approved by a committee appointed by the chair of the Graduate Studies Committee. Each student must demonstrate reading competence in two foreign languages, or in-depth knowledge of one foreign language. The student must pass qualifying examinations, write an acceptable dissertation, and pass an oral examination related to the dissertation. Detailed information about the requirements is available from the graduate advisor.

## Courses, Fine Arts

Please see the General Information Catalog for a list of courses. The following fields of study are housed at the college level: Fine Arts (F A).

For courses offered by each department within the College of Fine Arts, please see the corresponding department page in the following sections.

## Courses, Department of Art and Art History

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Art and Art History: Art Education (AED), Art History (ARH) and Studio Art (ART).

## Courses, Department of Theatre and Dance

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Theatre and Dance: Theatre and Dance (T D).

## Courses, Sarah and Ernest Butler School of Music

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the School of Music: Bassoon (BSN), Clarinet (CLA), Conducting (CON), Double Bass (D B), Drum Set (DRS), Ensemble (ENS), Euphonium (EUP), Flute (FLU), French Horn (F H), Guitar (GUI), Harp (HAR), Harpsichord (HSC), Music (MUS), Oboe (OBO), Opera (OPR), Organ (ORG), Percussion (PER), Performance (PRF), Piano (PIA), Recorder (REC), Saxophone (SAX), Trombone (TRO), Trumpet (TRU), Tuba (TBA), Vibraphone (VIB), Viola (VIA), Violin (VIO), Violoncello (V C), and Voice (VOI).

## Courses, School of Design and Creative Technologies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the School of Design and Creative Technologies: Design (DES) and Integrated Design (ITD).

# John A. and Katherine G. Jackson School of Geosciences <br> <br> Energy and Earth Resources 

 <br> <br> Energy and Earth Resources}

Master of Arts<br>Master of Science in Energy and Earth Resources

## For More Information

Campus address: E. P. Schoch Building (EPS) 1.144, phone (512)
471-9875, fax (512) 471-5585; campus mail code: C9000
Mailing address: The University of Texas at Austin, Energy and Earth
Resources, 2275 Speedway Stop C9000, Austin TX 78712
E-mail: Istephens@jsg.utexas.edu
URL: http://www.jsg.utexas.edu/eer/

## Facilities for Graduate Work

The program in energy and earth resources is interdisciplinary. The facilities of the Departments of Geological Sciences, Petroleum and Geosystems Engineering, Economics, Government, and Geography and the Environment, the Lyndon B. Johnson School of Public Affairs, and the McCombs School of Business are available. Materials located in the Walter Geology Library, the McKinney Engineering Library, and the Perry-Castañeda Library include an array of specialized publications, such as the contract research of the United States Department of Energy and its predecessors, a selective collection of United States and Texas government documents, conference proceedings, and society and association publications. In addition, a wide range of electronic information resources in science, business, and the social sciences is accessible through the University Libraries website.

## Areas of Study

Graduate study in energy and earth resources includes study in geological sciences, petroleum and geosystems engineering, economics, resource management, government, law, and policy studies. The student's program should represent as broad a spectrum as possible of energy and earth resources courses.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Jay L Banner
Fred C Beach
J Eric Bickel
John C Butler
Richard J Chuchla
James S Dyer
John S Dzienkowski
David J Eaton
Kasey M Faust
William L Fisher
Genaro J Gutierrez
Susan D Hovorka
Charles Kerans
Carey W King
J Richard Kyle
Larry W Lake
Benjamin D Leibowicz

Schonna R Manning
David Mohrig
James T O'Connor
Sheila M Olmstead
Jon E Olson
Varun Rai
Ehud I Ronn
Bridget R Scanlon
Kamy Sepehrnoori
John W Snedden
David B Spence
Scott W Tinker
Carlos Torres-Verdin
Andrew Waxman
Michael Webber
Michael Howard Young

## Admission Requirements

The entering student who wishes to pursue an advanced degree in energy and earth resources should have a bachelor's degree in one of the participating disciplines. Each advanced degree program is designed to provide a broad acquaintance with energy and earth resources problems, both from a technological and from a business, economic, law, or policy perspective.

## Degree Requirements, Energy and Earth Resources

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions

## Master of Arts

The Master of Arts degree in Energy and Earth Resources (EER) is intended for those who seek to build critical knowledge and skills with qualitative underpinnings and who desire to take graduate coursework and conduct a thesis project along the lines of the types carried out in the areas of business, humanities, law, liberal arts, policy, and some technical fields. Our belief is that every EER student, regardless of concentration, needs to be able to understand Earth and its controls on resource distribution; gather and analyze large data sets and derive useful information; make energy and earth resource decisions in the context of commercial viability; and make energy and earth resource decisions in the context of risk and uncertainty

Candidates for the Master of Arts degree must complete 30 semester hours of graduate-level coursework, three of which may be at the upperdivision undergraduate level with approval by the graduate advisor. All students must complete the following required courses: Geological

Sciences 386R, Geology of Earth Resources/Energy and Earth Resources 396 (Topic 5: Geology of Earth Resources), Energy and Earth Resources 396, Seminar in Energy and Earth Resources, or Energy and Earth Resources 396 (Topic 4: Resource Economics and Econometrics), Energy and Earth Resources 396 (Topic 2: Business, Finance, and Management), and Operations Research and Industrial Engineering 390R (Topic 17: Decision Analysis). The thesis (Energy and Earth Resources 698) counts for six of the 30 semester hours required for the degree. The program is offered with three concentrations: Resource Economics/Finance; Policy/ Law; and Technology (Resource Science and Engineering). Students must complete at least one course in each concentration and at minimum two courses in a single concentration. The thesis is designed to supplement the coursework in the concentration.

## Master of Science in Energy and Earth Resources

The Master of Science in Energy and Earth Resources degree is intended for those who seek a quantitative underpinning for their graduate work and who desire to conduct a thesis project that is research-based, along the lines of those prepared in engineering and the sciences. Our belief is that every EER student, regardless of concentration, needs to be able to understand Earth and its controls on resource distribution; gather and analyze large data sets and derive useful information; make energy and earth resource decisions in the context of commercial viability; and make energy and earth resource decisions in the context of risk and uncertainty.

Candidates for the Master of Science degree must complete 30 semester hours of graduate-level coursework, three of which may be at the upper-division undergraduate level with approval by the graduate advisor. All students must complete the following required courses:Geological Sciences 386R, Geology of Earth Resources/Energy and Earth Resources 396 (Topic 5: Geology of Earth Resources), Energy and Earth Resources 396, Seminar in Energy and Earth Resources, or Energy and Earth Resources 396 (Topic 4: Resource Economics and Econometrics), Energy and Earth Resources 396 (Topic 2: Business, Finance, and Management), and Operations Research and Industrial Engineering 390R (Topic 17: Decision Analysis). Energy and Earth Resources 698, Thesis counts for six of the 30 semester hours required for the degree. The program is offered with three concentrations: Resource Economics/Finance; Policy/Law; and Technology (Resource Science and Engineering). Students must complete at least one course in each concentration and at minimum two courses in a single concentration. The thesis is designed to supplement the coursework in the concentration

## Dual Degree Programs

The program in energy and earth resources offers the following dua degree programs in cooperation with the Lyndon B. Johnson School of Public Affairs and the McCombs School of Business. More information is available from the graduate advisor in each program.
Major(s)
Business administration
Global policy studies
Public affairs
Geological Sciences

Master of Arts

## Master of Science in Geological Sciences

Doctor of Philosophy

## For More Information

Campus address: John A. and Katherine G. Jackson Geological Sciences Building (JGB) 2.120, phone (512) 471-6098; campus mail code: C9000

Mailing address: The University of Texas at Austin, Graduate Program, Department of Geological Sciences, 2275 Speedway Stop C9000, Austin TX 78712

E-mail: geograd@maestro.geo.utexas.edu
URL: http://www.jsg.utexas.edu/

## Facilities for Graduate Work

Austin provides an ideal base from which to conduct research projects in all aspects of geological science. The University's central Texas location gives students ready access to exposures of Phanerozoic siliciclastic and carbonate strata and Precambrian igneous and metamorphic basement rocks. The presence of a karst aquifer beneath the city of Austin allows students to study issues related to urbanization, the demand for water, and contamination. Field-intensive studies for master's and doctoral degrees are continually in progress in Texas and in many other states. Field research is currently being conducted on every continent and ocean basin.

Analytical facilities are comprehensive and up-to-date. The electronmicrobeam laboratory houses a JEOL JXA-8200 electron microprobe with five wavelength-dispersive spectrometers and an energy-dispersive spectrometer, as well as a Phillips/FEI XL30 environmental scanning electron microscope and a JEOL T330A scanning electron microscope, both of which are equipped for energy-dispersive chemical analysis, cathodoluminescence imaging and spectroscopy, and orientational analysis using electron backscatter diffraction. Two inductively coupled plasma mass spectrometers are available for elemental and isotopic analysis of diverse geologic materials: a Micromass magnetic-sector multicollection device with nine Faraday cups, a Daly ion-counting channel, and three ion-counting channeltrons; and an Agilent quadrupole device. Both instruments can be interfaced with a Merchantek 213nm -wavelength laser-ablation unit for spatially resolved analysis. These instruments are complemented by a Finnigan-MAT 261 thermal ionization mass spectrometer with seven Faraday cups and one ioncounting channel. Ultraclean laboratories support preparation of samples for rubidium-strontium, uranium-lead, U-series disequilibrium dating, samarium-neodymium, and other isotopic analysis. Additional geochemical instrumentation includes two VG gas-source mass spectrometers for hydrogen, oxygen, nitrogen, and carbon stable-isotope analysis, and a Micromass Multiprep automated preparation system for water and carbonate analyses.

The Department of Geological Sciences houses a dual high-resolution X-ray computed tomographic scanner used for nondestructive threedimensional visualization and analysis of the internal structure of geologic samples; a Siemens D500 X-ray diffractometer with Datascan automation software and JADE pattern analysis; and a paleomagnetic laboratory with a shielded room, 2G cryogenic magnetometer, Bartington susceptibility meter, and ASC impulse magnetizer. Special microscopy facilities incorporate an Edge R400 real-time high-resolution threedimensional light microscope; a USGS-type gas-flow fluid inclusion stage; and a Technosyn luminoscope. Among additional facilities are a 1-m $\times 1.5-\mathrm{m} \times 10-\mathrm{m}$ flume for sediment transport studies and an experimental petrology laboratory containing hydrothermal pressure apparatus and one-atmosphere gas-mixing furnaces.

Geophysical research employs portable multichannel seismographs with vertical and three-component geophones; a ground-penetrating radar system; a LaCoste-Romberg gravimeter; an airborne Optech LIDAR system for fine-scale topographic mapping; an Optech ILRIS tripod-mounted laser scanning system for very-high-resolution outcrop topography; five portable broadband Guralp seismographs for teleseismic studies; two Vibroseis seismic sources, for both low- and high-frequency three-axis shaking; 10 dual-frequency geodetic-quality GPS receivers with choke-ring antennas; portable field magnetometers; and an aerogeophysical instrument package (radar, gravity, LIDAR, magnetometers) most often used in Antarctica. A field site south of San Antonio is available for calibration and testing of seismic instruments and techniques. Graduate students are frequent members of scientific crews on vessels of the University-National Oceanographic Laboratory System and of other nations, and students regularly conduct fieldwork in Antarctica using National Science Foundation Polar Programs facilities.

Facilities for data processing, data interpretation, and numerical simulation are extensive. There are multiple workstation clusters with Sun and SGI hardware, as well as Windows and Macintosh systems. Most major commercial software packages for seismic data processing and interpretation are available, along with software for GIS, potential field, synthetic aperture radar, and other applications.

The two research components of the Jackson School-the Bureau of Economic Geology and the Institute for Geophysics-are housed in adjoining buildings on the J. J. Pickle Research Campus. The two units contribute the expertise of more than 50 research scientists to the Jackson School. The bureau functions as the state geological survey for Texas and sells many different types of publications to the public. The institute includes the Hockley Seismic Station, located in Hockley, Texas, just north of Houston. The station, part of the IRIS Global Seismic Network, houses a broadband seismometer that collects information on global as well as Texas seismic events.

Reference materials include the 165,000-item Joseph C. and Elizabeth C. Walter Geology Library and Tobin International Map Collection, both located in the John A. and Katherine G. Jackson Geological Sciences Building. Research collections of about one million vertebrate paleontology specimens and about four million nonvertebrate specimens, including a type collection of about five thousand specimens, are housed at the J. J. Pickle Research Campus. The Bureau of Economic Geology maintains three major core storage facilities, containing nearly two million boxes of core and cuttings, mostly from North American sedimentary basins. The bureau also maintains a collection of nearly one million electric logs from Texas oil and gas wells.

Research support is provided by a well-equipped petrographic laboratory with a separate thin-section laboratory for student use, a machine shop, and an electronics shop. The department's staff includes analytical chemists, computer support specialists, a petrographic section technician, a computer graphics specialist, a photographer, and a machinist.

## Areas of Study

Areas of active research in the Department of Geological Sciences include studies in sedimentary depositional systems; hydrogeology; climate systems science; structural geology; marine geology and geophysics; regional tectonics; seismology; paleomagnetism; seismic reflection and refraction; isotope and aqueous geochemistry; sedimentary geochemistry; geomicrobiology; igneous, sedimentary, and metamorphic petrology; high-temperature geochemistry; ore deposits and industrial mineral resources; and vertebrate and invertebrate paleontology. Cooperative research projects are under way with the

Center for Space Research, the Institute for Geophysics, and the Bureau of Economic Geology.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

## Nathan L Bangs

Jay L Banner
Jaime D Barnes
Thorsten Becker
Christopher J Bell
Philip C Bennett
Srinivas V Bettadpur
Daniel O Breecker
Meinhard Bayani Cardenas
Ginny A Catania
Elizabeth Jacqueline Catlos
Jingyi Chen
Julia Allison Clarke
Mark P Cloos
Kerry H Cook
Jacob Aaron Covault
Ian W Dalziel
Peter Eichhubl
Peter Barry Flemings
Sergey B Fomel
James E Gardner
Omar Ghattas
John A Goff
Timothy Andrew Goudge
Stephen P Grand
Sean S Gulick
Patrick Heimbach
Marc Andre Hesse
Brian K Horton
Xavier Janson
Joel Peterson Johnson
Melissa Kemp
Charles Kerans
Richard A Ketcham
J Richard Kyle

John C Lassiter
Stephen E Laubach
Luc L Lavier
Jung-Fu Lin
Robert G Loucks
Matthew Alan Malkowski
Rowan Clare Martindale
Ashley Michelle Matheny
Tip Meckel
David Mohrig
Claudia I Mora
Lorena G Moscardelli
Sharon Mosher
Maria-Aikaterini Nikolinakou
Dev Niyogi
Yuko M Okumura
Cornel Olariu
Geeta Persad
Terrence M Quinn
Daniella M Rempe
Timothy B Rowe
Demian M Saffer
Mrinal K Sen
Timothy Michael Shanahan
John W Snedden
Kyle Thomas Spikes
Daniel Stockli
Chenguang Sun
Scott W Tinker
Nicola Tisato
Daniel Trugman
Harm J Van Avendonk
Zong-Liang Yang
Michael Howard Young

## Admission Requirements

The preliminary education of students who intend to become candidates for a graduate degree in geological sciences usually includes coursework in general geology, paleontology, mineralogy, petrology, structural geology, and field geology, as well as physics, chemistry, and calculus. Geophysicists and climatologists are expected to have a sound foundation in both mathematics and physics; paleontologists should include suitable preparation in the comparative morphology and genetics of living organisms. Students without the necessary foundation for advanced study and research may be required to take additional coursework.

## Degree Requirements, Geological Sciences

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Geological Sciences

The Master of Science in Geological Sciences requires 24 semester hours of coursework and a thesis; it is designed for those planning doctoral study or seeking employment in which research and problemsolving skills are essential. The degree program is designed for each student by their committee.

## Master of Arts

The Master of Arts degree program requires 30 hours of coursework including a three-hour Master's Report (Geological Sciences 398R); it is designed for students who wish to enhance their technical education. The Master of Arts degree program is designed in coordination with the student's faculty supervisor and requires approval of the graduate advisor.

## Doctor of Philosophy

A degree program for the Doctor of Philosophy is designed for each student by their committee. Within that design, students must complete 24 credit hours of formal coursework. A minimum of 15 credit hours must be taken in the major area, and six outside the major area for a letter grade. All graduate students must take Geological Sciences 298T, Supervised Teaching in Geological Sciences in their first semester and one semester of Geological Sciences 193, Technical Lecture Series. All PhD students must earn at least 30 credit hours at The University of Texas at Austin for the degree.

## Courses, Geosciences

For courses offered by each department within the John A. and Katherine G. Jackson School of Geosciences, please see the corresponding department page in the following sections.

## Courses, Department of Geological Sciences

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Geological Sciences: Geological Sciences (GEO).

## Courses, Energy and Earth Resources Graduate Program

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Energy and Earth Resources Graduate Program: Energy and Earth Resources (EER).

# School of Information Information Security and Privacy 

Master of Science in Information Security and Privacy

For More Information<br>Campus address: UT Administration Building (UTA) 5.202, phone (512) 588-3511; campus mail code: C4300<br>Mailing address: The University of Texas at Austin, Center for Identity, 2501 Speedway, C4300, Austin TX 78712<br>E-mail: msisp@utexas.edu (contact@identity.utexas.edu)

URL: msisp.ischool.utexas.edu

## Facilities for Graduate Work

Facilities for students in the School of Information include an Information Technology Laboratory, two computer classrooms, conservation and preservation laboratories, a video-editing suite, multimedia teaching stations in all classrooms, access to a usability and accessibility laboratory, an information retrieval and crowdsourcing lab, and a digital archeology lab, a computer vision lab, and a virtual reality lab. Students have access to advanced computer equipment and software for instructional and research use. Students receive a fullservice Internet account and have access to various computer operating systems, such as Macintosh, Windows, and Linux.

## Areas of Study

The Master of Science in Information Security and Privacy (MSISP) at the School of Information and the Center for Identity educates professionals who engage in information security and privacy at all levels of responsibility. The School of Information and the Center for Identity manage the program and cooperate in its planning and execution. The degree program offers a holistic, interdisciplinary curriculum ensuring that professionals from multiple market sectors, roles, and levels of responsibility acquire the knowledge and skills necessary to be effective stewards of information. Graduates of the program will be leaders of technological, policy, legal, and societal initiatives to advance information security and privacy.

The 21-month executive program provides graduate education for professionals while they continue their careers, as well as others with an interest in information security and privacy. Classes meet on one Friday and Saturday each month for five semesters. Students complete a capstone Professional Experience and Project course integrating their experience and their coursework to complete a project of their choice under faculty supervision. Students may participate in classes on campus or via distance learning, using synchronous online technologies. All students are required to attend an orientation session before beginning their first semester.

The Master of Science in Information Security and Privacy (MSISP) uses the depth and breadth of expertise that exists both within the School of Information and academic units throughout The University of Texas at Austin in order to provide an interdisciplinary program that addresses all aspects of information security and privacy. Coursework includes courses in technology, law, public policy, communications, social and cultural perspectives on identity, and business. All courses required for program completion are offered in accordance with University policies that govern non-formula-funded (Option III) programs.

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Suzanne Barber
Philip Doty
Kenneth Robert Fleischmann

Matthew S McGlone
SOO YOUNG RIEH
Huseyin Tanriverdi

## Admission Requirements

A student seeking to enter the Master of Science in Information Security and Privacy (MSISP) program must complete a bachelor's degree from an accredited institution in the United States or proof of equivalent education at a foreign institution. MSISP applicants must submit an application for admission to The University of Texas at Austin Graduate School including:

- UT Graduate and International Admissions Center (GIAC) Application for admission and Admission Fee. The electronic application is available here.
- One official transcript from each college or university attended.
- Satisfactory letters of reference from three persons attesting to the applicant's scholarly ability, character, and professional promise.
- Résumé/CV.
- Personal Statement addressing how the MS ISP program aligns with their intellectual, educational, and career pursuits. If the applicant wishes any special consideration of their past academic, personal, or career experiences, their statement of purpose is an appropriate place to make those requests.
- TOEFL or IELTS scores (international students only) International Students must submit official test results from either the TOEFL or IELTS exams, according to the guidelines provided by GIAC.

GRE test scores are not required for admission to the MSISP program.
The MSISP program requires accepted applicants to submit a nonrefundable enrollment deposit to secure enrollment in the program. This deposit is applied to Fall tuition.

## Degree Requirements, Information Security and Privacy

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks.
Please contact the program with concerns or questions.

## Master of Science in Information Security and Privacy

Students in the MSISP program must complete 30 hours of required coursework, including a three-hour Professional Experience and Project (PEP) course, under Information Security and Privacy 388L. The PEP Information Security and Privacy 388L will be undertaken during the student's final semester in the program and overseen by an Master of Science in Information Security and Privacy faculty member.

Applicants for MSISP degree candidacy are required to have an overall grade point average (GPA) of at least 3.00 in their MSISP coursework. Information Security and Privacy courses to be listed on the program of work for the MSISP degree may not be taken on the credit/no credit basis, with the exception of Information Security and Privacy 388L.

## Information Studies

Master of Science in Information Studies Doctor of Philosophy

## For More Information

Campus address: UT Administration Building (UTA) 5.202, phone (512) 471-3821, fax (512) 471-3971; campus mail code: D8600

Mailing address: The University of Texas at Austin, School of Information, 1616 Guadalupe Stop D8600, Room 5.202, Austin TX 78701

E-mail: graduateadmit@ischool.utexas.edu
URL: http://www.ischool.utexas.edu/

## Areas of Study

## Master of Science in Information Studies (MSIS)

The School of Information Master of Science in Information Studies (MSIS) program offers a pathway to diverse, high-demand information careers. As the field of information rapidly expands within the digital age, MSIS students engage in a flexible curriculum that provides the tools necessary to study, manage, and innovate the information systems around us. Our students learn to design new tools, analyze human activities, organize information, and ensure technology serves its intended users. Join the next generation of information creators, innovators, brokers, and designers.

- Informatics
- Human-Computer Interaction
- User Experience (UX) Research and Design
- Health Informatics
- Information Security, Privacy, and Policy
- Human-Centered AI and Data Science
- Data Engineering
- Information Organization and Access
- Information Retrieval and Search
- Curation and Preservation
- Archives and Records Management
- Librarianship
- Information Literacy


## Doctor of Philosophy (PhD)

Information systems and technologies are fundamentally shaping the behaviors of individuals, organizations, and society. To understand the dynamics of our world, and to help shape a future that reflects social values, research at the School of Information crosses disciplinary divides, bridges the arts and the sciences, and applies human insights to technological advances.

The School of Information Ph.D. program curriculum and immersive mentorship prepare students to become high-quality, high-impact researchers, scholars, and teachers. Throughout the doctoral program, students will learn to reason and evaluate ideas and data across disciplines, see beyond current approaches to problems, and cross disciplinary boundaries in search of answers to the grand challenges facing today's modern information society.

## Facilities for Graduate Work

Facilities for students in the School of Information include an Information Technology Laboratory, two computer classrooms, conservation and preservation laboratories, audio and video editing suites, multimedia teaching stations in all classrooms, and access to a usability and accessibility laboratory, an information retrieval and crowdsourcing lab, a digital archeology lab, a computer vision lab, and a virtual reality lab. Students have access to advanced computer equipment and software for instructional and research use, including 3-D printing and fabrication, supplementing the school's physical and wireless network and computer facilities. Students receive a fullservice Internet account and have access to various computer operating systems, such as Macintosh, Windows, and Linux.

## Accreditation

The University's program for the degree of Master of Science in Information Studies is accredited by the American Library Association.
(The ALA does not concern itself with accrediting programs at levels other than the master's degree.) The program for the certification of K -12 school librarians is accredited by the National Council for Accreditation of Teacher Education and approved by the State Board for Educator Certification.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Amelia Acker | Matthew Alan Lease |
| :--- | :--- |
| Jakki Bailey | Min Kyung Lee |
| Randolph G Bias | Eric T Meyer |
| Andrew P Dillon | Eric Nordquist |
| Ying Ding | Sarah S Norris |
| Kenneth Robert Fleischmann | SOO YOUNG RIEH |
| ANTHONY H GRUBESIC | Loriene Roy |
| Danna Gurari | Angela D Smith |
| Jacek Gwizdka | Ciaran Trace |
| Elliott Hauser | Bo Xie |
| James L Howison | Yan Zhang |

R David LANKES

## Admission Requirements

## Master of Science in Information Studies

All applicants to the School of Information's graduate programs must complete the general application procedures for the UT Graduate School. For full details, refer to the Graduate School's Admissions page. Please allow plenty of time to process your application. Find more information on admissions procedures here: https://ischool.utexas.edu/programs/ admissions.

## Integrated Program with Computer Science (BSCS/MSIS)

Admission to the integrated Bachelor of Science in Computer Science and Master of Science in Information Studies (BSCS/MSIS) program is open only to undergraduate students within the Department of Computer Science at The University of Texas at Austin. It results in the awarding of a Bachelor of Science in Computer Science degree, followed by the Master of Science in Information Studies degree.

## Integrated Program with Informatics (BSI or BA/MSIS)

Admission to the integrated Bachelor of Science in Informatics or Bachelor of Arts with a major in Informatics and Master of Science in Information Studies (BSI or BA/MSIS) program is open only to undergraduate students within the School of Information at The University of Texas at Austin. It results in the awarding of a Bachelor of Science in Informatics or a Bachelor of Arts with a major in Informatics degree, followed by the Master of Science in Information Studies degree.

## Doctor of Philosophy

The objective of the doctoral program is to prepare graduates to contribute to the discipline through research and creative leadership. Emphasizing research, the program allows students to pursue advanced studies in the information discipline and in related subject areas, to study appropriate method and theory, and to learn to engage in advanced research by carrying out a guided and supervised dissertation project The program is interdisciplinary; students must take courses from other University offerings to supplement those in the School of Information.

Detailed information is available at the School of Information's website.

## Degree Requirements, Information Studies

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Information Studies

The master's degree program entails 36 semester hours of coursework. All students must take three credit hours of core coursework during their first year of studies. Thirty credit hours of electives are to be taken from the range of courses offered by the School of Information and/or a mix of courses within the School of Information and elsewhere at UT Austin. Finally, each student must complete the Capstone Experience under one of the Capstone Experience Courses.

The Master of Science in Information Studies curriculum includes three elements:

1. Core Course - Required course that all School of Information students must take early in their program (three semester credit hours)
2. Electives - Elective courses ( 30 semester credit hours)
3. Capstone Experience - Capstone experience course (three semester credit hours)

## Endorsement of Specialization

The School of Information offers MSIS students the option to pursue an Endorsement of Specialization (EoS). The Endorsement of Specialization recognizes that a student has created a program of concentrated study within the 36 credit hours required for the Master of Science in Information Studies. The MSIS curriculum offers any number of options for students to craft a concentration or specialization once they have completed their required courses. Suggested areas of study and curriculum requirements can be located at: https:// www.ischool.utexas.edu/programs/endorsement

## Capstone Experience (including E-portfolio)

In the final semester of their academic studies, all MSIS students must complete a "capping" experience, which enables them to integrate their professional education and the intellectual and institutional vocations toward which they are striving. This is to be a culminating experience that synthesizes a variety of skills, knowledge, and expertise while demonstrating that the student can lead an independent project. When considering a Capstone experience, students are strongly encouraged to review the Capstone student manual and consult with their individual academic advisor as well as the iSchool's Career Development Director.

## Capstone Options

Students must complete one of the following options as an exit course only in their final semester.

Information Studies 388L, Professional Experience and Project: The PEP is intended to allow you to apply the knowledge you gleaned from your coursework to a real-world problem in a real-world setting. In a single semester, you will complete a fieldwork-based project under the primary guidance of a field supervisor from the organization sponsoring your project.

Information Studies 398R, Master's Report: - The master's report is a substantive, publishable-quality paper synthesizing a domain or area of investigation that demonstrates familiarity with major concepts and issues in a theoretical and rigorous manner. Working with the guidance of a faculty advisor and a second faculty reader, you will write a publishable-quality paper on a topic of your choice in a single semester.

Information Studies 698A/Information Studies 698B, Thesis: A master's thesis is a research project resulting in a substantive paper that involves original collection or treatment of data and/ or results. Working with the guidance of a faculty advisor and a second faculty reader, you will write a publishable-quality paper on a topic of your choice across two semesters. Since the master's thesis requires two consecutive semesters of course work, students who would like pursue the thesis option must make that decision before the end of the second semester in the program (if attending full-time).

## Integrated Program with Computer Science (BSCS/MSIS)

The integrated program requires completion of a total of 150 credit: 120 hours for the Option IV BSCS degree program and 30 hours of graduate coursework offered by the School of Information for the MSIS degree program. Students can complete the integrated program in five academic years of full-time study.

## Integrated Program with Informatics (BSI or BA/MSIS)

The integrated program requires completion of a total of 150 credits: 120 hours for the BSI/BA degree program and 30 hours of graduate coursework offered by the School of Information for the MSIS degree program. Students can complete the integrated program in five academic years of full-time study.

## Doctor of Philosophy

Students must complete at least 39 semester hours of coursework prior to entering candidacy, consisting of nine hours of core courses, nine hours of methods courses, and 21 hours of electives in the student's major area within and/or beyond the School of Information.

Students must also pass a qualifying examination before being admitted to candidacy. Finally, students must complete and defend a dissertation representing an original contribution to knowledge in the discipline.

Detailed information is available at the School of Information's website.

## Dual Degree Programs

The School of Information offers the following dual degree programs in cooperation with other divisions of the University.

| Major(s) | Degree(s) |
| :--- | :--- |
| English | Master of Arts |
| Global policy studies | Master of Global <br> Policy Studies |
| Latin American studies | Master of Arts |
| Law | Doctor of <br> Jurisprudence |
| Middle Eastern studies | Master of Arts |


| Public affairs | Master of Public <br> Affairs |
| :--- | :--- |
| Women's and gender studies | Master of Arts |

## Stackable Certificate Programs, Information Studies

Stackable graduate certificates are available to degree-seeking and non-degree-seeking graduate students. Some stackable certificates may be awarded following completion of program requirements, while others require simultaneous awarding of the graduate certificate and a graduate degree.

See the Stackable Certificates section (p. 14) of this catalog for additional information and policies related to stackable certificates.

The graduate program for this catalog section offers the following stackable certificate programs. To see a full list of graduate certificates offered at the University, please see the Graduate Study (p. 8) section of the Graduate Catalog.

## Information Studies: School Librarian

The Information Studies: School Librarian stackable graduate certificate is designed for certified teachers with at least two years of full-time classroom teaching experience from a public or private accredited school who plan to seek certification as a School Librarian from the Texas Education Agency (TEA). The program requires completion of 15 semester credit hours of coursework, including a three-hour practicum course. The stackable graduate certificate is available to degree-seeking and non-degree-seeking graduate students in the School of Information. Students are accepted in a summer semester and normally spend four semesters completing program requirements.

Requirements
Hours

| INF 387 | Administration (Topic 5: School <br> Library Management I) | 3 |
| :--- | :--- | :--- |
| INF 382L | Information Resources and <br> Services (Topic 3: Inquiry and <br> Information Seeking in K-12) | 3 |
| INF 387 | Administration (Topic 6: School <br> Library Management II) | 3 |
|  | Information Resources and <br> Services for Children and Young <br> Adults (Topic 3: Materials for | 3 |
| INF 388R | Children and Young Adults) |  |

Total Hours

## Courses, Information

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the School of Information: Information Security and Privacy (ISP), and Information Studies (INF).

## College of Liberal Arts African and African Diaspora Studies

Doctor of Philosophy

## For More Information

Campus address: Gordon-White Building (GWB), Suite 3.100, Phone: (512) 471-5180, Campus mail code: E3400

Mailing address: The University of Texas at Austin, Graduate Program, African and African Diaspora Studies Department, Mailcode E3400, Austin, TX 78712

Email: afr@austin.utexas.edu
URL: http://liberalarts.utexas.edu/aads/

## Facilities for Graduate Work

Graduate students in the African and African Diaspora Studies Department (AADS) have access to four specialized units dedicated to Black Studies scholarship. All four units are housed within the GordonWhite Building (GWB), a newly renovated space dedicated to scholarship, community building, and art.

African and African Diaspora Studies Department (AADS), as an academic unit, promotes scholar-activism through the study of the intellectual, political, artistic, and social experiences of people of African descent throughout Africa and the African diaspora. The more than 30 full-time departmental faculty members and jointly-affiliated faculty members represent the interdisciplinary nature of Black Studies.

The John L. Warfield Center for African and African American Studies (WCAAAS) supports the research and programmatic initiatives of faculty affiliates and students, and collaborates with local organizations in the investigation and enhancement of Black peoples' lives. Through research, programming, and community engagement, the Center supports scholarship and creative work that fosters social justice for people of African descent.

The Institute for Urban Policy Research and Analysis (IUPRA) produces cutting-edge policy and legal research aimed at strengthening Black communities, promoting social justice, and combating anti-Black racism. The institute's staff, academic fellows, and graduate students generate publications, reports, briefs, grants, and contracts with the aim of shaping policy that will lead to societal and institutional change beneficial to the lives of African Americans and other people of color in the state of Texas.

The Art Galleries at Black Studies (AGBS), formerly known as the Warfield Center Galleries, is the sole on-campus entity dedicated to showcasing narratives of the African and the African Diaspora. Comprised of two galleries-The Christian-Green Gallery and the Idea Lab-AGBS spaces serve as platforms for critical exchanges concerning the experiences, narratives, and histories of the Black Diaspora. AGBS is a living arts space that encourages, promotes, and sustains Black artistic expression.

Black Studies graduate students also have access to the University's extensive and world-renowned research library system, including the Perry-Castañeda Library with over 2.5 million volumes, the Human Rights Documentation Initiative, the Benson Latin American Collection, and the Harry Ransom Center. Additionally, the Black Diaspora Archive (BDA), the only archive of its kind at a higher education institution in the U.S., collects documentary, audiovisual, digital, and artistic works related to the Black Diaspora. While the geographic collecting area for the Black Diaspora is global, this collection is focused on materials generated in and/or describing experiences from the Americas and the Caribbean. Through a partnership between Black Studies, The University of Texas Libraries, and the Lozano Long Institute of Latin American Studies (LLILAS), the archive continues to grow into a collection sought after
by researchers and students throughout the world. Another collection, The Black Queer Studies Collection, features, promotes, and increases the discoverability of The University of Texas at Austin libraries' unique holdings in the area of Black Lesbian, Gay, Bisexual, Transgender, and Queer (LGBTQ) Studies. This groundbreaking project in librarianship addresses standard obstacles posed by the Library of Congress Subject Headings and information retrieval systems used to locate materials by and about Black diasporic LGBTQ people. Students are also encouraged to utilize campus-wide arts facilities including the Fine Arts Library, the Texas Performing Arts Center, and the Blanton Museum of Art.

## Areas of Study

The graduate program in AADS provides students with the skills and analytical frameworks necessary to engage interdisciplinary approaches for examining the lives of people of African descent throughout Africa and the African Diaspora, including the United States, the Caribbean, and Latin America.

AADS students interrogate understandings of Blackness and how it is expressed throughout the Diaspora, while engaging in subfields of critical race theory, Black queer theory, Black political theory and economics, Black arts and performance studies, Black diaspora history and anthropology, and Black feminisms. Students also critically engage Black Studies within the contexts of areas such as healthcare, education, psychology, and sociology. The program's objective is to provide students with the broad foundational knowledge necessary to pursue an academic career or conduct scholarly research in Black Studies, African and African Diaspora Studies, Africana Studies and/or related fields.

## Doctoral Portfolio Program in African and African Diaspora Studies

University of Texas at Austin doctoral students enrolled in other departments who are interested in African and African Diaspora Studies are invited to apply to the AADS Doctoral Portfolio Program. The program engages students in an advanced approach to interdisciplinary studies and provides tools for mapping of the intellectual, political, and creative breadth of African and African Diaspora Studies. Students in the program sustain a rigorous dialogue about African and African Diaspora Studies from an interdisciplinary methodological standpoint, become familiar with the diversity of faculty specialties within African and African Diaspora Studies, and are instructed in the application of the theoretical and conceptual tools of analysis and research on African-descended peoples.

Applicants to the portfolio program must submit a research statement along with their application. This statement will help the AADS Portfolio Administrator guide the student in the completion of 12 hours of graduate-level AADS coursework, including at least one AADS core course. All portfolio students are required to present their field-related research to an open audience prior to graduation.

The certification requirements for the doctoral portfolio program differ from the requirements for graduate degrees and should be undertaken only with the approval of the student's supervising advisor and the student's departmental graduate advisor. With the consent of a graduate student's home department, courses used to satisfy portfolio requirements may be included in the program of work for the doctoral degree. Applicants must be in good standing in an approved doctoral program, maintain a grade point average of 3.3 or better, and receive approval to join the portfolio program from their faculty advisor, their department's graduate advisor, and the African and African Diaspora Studies Portfolio Steering Committee. Although students can enter the African and African Diaspora Studies Portfolio Program at any point in
their doctoral work, it is recommended that they complete the portfolio requirements before being admitted to candidacy.

Additional requirements and application information are available here.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Abimbola Adunni Adelakun | Stephen H Marshall |
| :--- | :--- |
| Omoniyi Afolabi | Chelsi West Ohueri |
| Bedour Alagraa | Marcelo Paixao |
| Jossianna Arroyo Martinez | Samantha Nicole Pinto |
| Daina R Berry | Richard J Reddick |
| Simone Arlene Browne | Ashante M Reese |
| Danielle P Clealand | Cherise Smith |
| Kevin O Cokley | Christen Anne Smith |
| Ashley Farmer | Eric Tang |
| Kevin M Foster | Kevin J Thomas |
| Lyndon K Gill | Lisa B Thompson |
| Edmund T Gordon | Shirley E Thompson |
| Yasmiyn Irizarry | Pavithra Vasudevan |
| Monica A Jimenez | Patrick F Walter |
| Omi Osun Joni L Jones | Hershini Young |

## Degree Requirements, African and African Diaspora Studies

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

Students must complete 36 semester hours of coursework, including a prescribed number of hours in core coursework, professional development, and supporting coursework. As part of the 36 hours, students must complete a two-part Master's Report that consists of African and African Diaspora Studies 397R and 398R. African and African Diaspora Studies 398R must be taken in the final semester of program enrollment. Core coursework explores the theoretical and methodological foundations of black studies. Additional information about the Program of Work is available from the department.

## Doctor of Philosophy

AADS offers a 51-hour PhD degree plan for students entering with a graduate degree in a related field. This plan includes 45 hours of coursework and a minimum of 6 hours of dissertation, as required by the Graduate School. Coursework for the PhD varies based on a student's preparation in the field of Black Studies and/or their research interests. This most often affects students entering with a graduate degree; students who enter without a graduate degree must complete the African and African Diaspora Studies (AADS) MA degree requirements before taking the PhD qualifying examinations. Each student's degree plan will be determined by the AADS Graduate Studies Committee (GSC), the AADS graduate advisor, and the student's faculty advisor upon entry to the program. Students must complete a prescribed number of hours in core coursework, professional development, supporting coursework, and dissertation reading and writing, in addition to
qualifying examinations. Core coursework explores the theoretical and methodological foundations of Black Studies.

To advance to candidacy for the doctoral degree, all PhD candidates must pass qualifying examinations. Upon successful completion of the PhD coursework and qualifying examinations, students may apply to advance to doctoral candidacy and register for dissertation hours. The dissertation culminates in an original body of scholarly, independent research demonstrating the candidate's expertise in a selected area of concentration. In consultation with their faculty advisor, who serves as dissertation committee chair, the candidate selects a dissertation committee, including at least four committee members. At least three members of the full dissertation committee must be members of the AADS GSC, and at least one member of the committee must be from an outside department or program. More information about the doctoral coursework requirements, qualifying examinations, and dissertation process is available from the department.

## American Studies

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Burdine Hall (BUR) 437, phone (512) 471-7277, fax (512) 471-3540; campus mail code: B7100

Mailing address: The University of Texas at Austin, Graduate Program, Department of American Studies, 2505 University Avenue B7100, Austin TX 78712

E-mail: vcantu@austin.utexas.edu
URL: http://liberalarts.utexas.edu/ams/

## Facilities for Graduate Work

The University offers several unique resources for research on America. The Harry Ransom Center includes celebrated rare book and manuscript collections in American and modern literature; the Gernsheim Collection, one of the world's largest archives of photographs, negatives, and books related to the history of photography; the Performing Arts Collection, with material related to the theatre, movies, vaudeville, the circus, and the history of magic; and the New York Journal-American photographic archive. Recent major acquisitions include the papers of Norman Mailer, Woody Allen, David Foster Wallace, Woodward and Bernstein's records of the Watergate investigation, and the Magnum Archive Collection. The Nettie Lee Benson Latin American Collection is one of the world's great archives of materials about and from Latin America. The Dolph Briscoe Center for American History contains the early archives of Texas, the largest collection now extant of historical manuscripts dealing with Texas, an extensive collection of rare and scarce books, pamphlets, and broadsides related to Texas and Southwestern history, as well as major national collections related to journalists, political figures, and activists from the 1960s and 1970s. The holdings of the Blanton Museum of Art include the Mari and James A. Michener Collection of American Painting and the C. R. Smith Collection of Art of the American West. Winedale, an outdoor museum of restored 19th-century Texas buildings, is a center for research in historic preservation and material culture.

The University Libraries provide some of the best research facilities in the United States. Convenient to the University are other research facilities, including the Lyndon Baines Johnson Library and Museum, the Texas State Library and Archives, the United Daughters of the

Confederacy Library, the Catholic Archives of Texas, the Archives of the Episcopal Church, and the Republic of Texas Museum.

## Areas of Study

The University has one of the oldest and most highly regarded programs in American studies, which focuses on the cultural, social, and intellectual life of the United States, as well as the place of the United States and US citizens in the world. Students in the department analyze the American past and present from the perspectives of several disciplines, learn to synthesize their knowledge, and acquire the habits of mind needed for cultural analysis.

The program offers courses in areas such as American intellectual, cultural, and artistic life; race, ethnicity, and gender; cultural geography and material culture; and the public arts and popular culture. Specific courses are offered on topics such as immigration, transnationalism, and diaspora; American political theory; property, race, and critical legal studies; religion and psychology; childhood studies; food and foodways; animals; technology and design; social movements and radical political cultures; feminism, fashion, and beauty; the experiences of Latin American and Caribbean descendants in the United States; space and place; and public memory. The program also invites students to take advantage of the resources of the John L. Warfield Center for African and African American Studies, the Center for Asian American Studies, the Center for Mexican American Studies, the Schusterman Center for Jewish Studies, the Center for Women's and Gender Studies, and the Américo Paredes Center for Cultural Studies. American studies courses are sometimes cross-listed with other courses throughout the University; in addition to the department's core faculty, students may work with faculty members from departments such as anthropology, art and art history, English, geography and the environment, government, history, radio-television-film, religious studies, and from the School of Architecture, School of Law, and College of Education.

The courses that American studies students take outside the program train them in areas of expertise relevant to their central interests. With the approval of the graduate advisor in American studies, these courses may be in any of the liberal arts or in architecture, business, communication, education, fine arts, law, the sciences, or public affairs.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Ricardo C Ainslie<br>Alex A Beasley<br>Henry W Brands<br>Simone Arlene Browne<br>Erika M Bsumek<br>Craig A Campbell<br>Ivan Y Chaar Lopez<br>Edward Chambers<br>Lina Chhun<br>Cary Cordova<br>Janet M Davis<br>Caroline Faria<br>Laura G Gutierrez<br>John Hartigan<br>Steven D Hoelscher<br>Randolph R Lewis<br>Stephen H Marshall<br>Jeffrey L Meikle<br>Julia L Mickenberg<br>Lisa L Moore<br>Mary Magdalen Rivas-Rodriguez<br>Rebecca Rossen<br>Cherise Smith<br>Sharon L Strover<br>Eric Tang<br>Shirley E Thompson

Lauren Jae Gutterman

## Degree Requirements, American Studies

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office
and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The student's program must total 36 semester hours of credit and must have the approval of the graduate advisor. Requirements are 15 semester hours in American studies, consisting of six hours in the research course (American Studies 390), three hours in the required methodology course (American Studies 393), and six hours in cultural history (American Studies 385 and 386); the remaining required hours are nine semester hours in a field, or fields, outside of American studies; an additional nine semester hours of electives, primarily American in content, in another field, or fields, or within American studies. The program culminates in a master's report course (American Studies 398R) consisting of an article, after approval from the supervisor and second reader, submitted to a scholarly journal during the student's fourth semester. Typically, the article is based on a term paper or project from a course taken within the program.

## Doctor of Philosophy

To obtain the doctoral degree, a student must demonstrate reading competence in a foreign language, pass the American studies oral qualifying examination, prepare and defend a dissertation prospectus, which is intended to be an exploratory document and should be no longer than 20 pages, and write and defend a dissertation that is an original contribution to knowledge about American culture and that involves interdisciplinary research.

Students entering the PhD program, who did not complete their MA within the program, are required to complete six semester hours in cultural history (American Studies 385 and 386); three semester hours in the required methodology course (American Studies 393); three semester hours in the research course (American Studies 390); and six semester hours in electives (non conference courses), which may be within American studies or from outside departments. Additional hours may be required by the graduate advisor. The required coursework should be completed within the student's first year in the program.

While preparing for the oral examination, doctoral students will take independent reading courses (American Studies 392) under the direction of faculty members and with consultation from the graduate advisor. Through such coursework, the student will master three fields of specialization-American studies, a field of interest, and a dissertation field. These are the three fields of specialization on which the student is questioned in the oral qualifying exam. While preparing for the qualifying examination, students will be advised by the graduate advisor if additional coursework is needed. For students completing the Masters of Art degree in American studies at The University of Texas at Austin, the qualifying examination should be taken during the spring semester of the student's third year in the program. Following the qualifying examination, the student is expected to convene a dissertation prospectus meeting during the fall semester of the fourth year in the program. For students entering the doctoral program with a qualifying master's degree from an outside program, the qualifying examination should be taken in the spring semester of the student's second year in the program. Following the qualifying examination, the student is expected to convene a dissertation prospectus meeting during the fall of the third year in the program.

## Anthropology

Master of Arts Doctor of Philosophy

## For More Information

Campus address: Student Activity Center (SAC) 4.102, phone (512) 471-4206, fax (512) 471-6535; campus mail code: C3200

Mailing address: The University of Texas at Austin, Graduate Program, Department of Anthropology, 2201 Speedway C3200, Austin TX 78712

URL: http://liberalarts.utexas.edu/anthropology/

## Facilities for Graduate Work

Facilities available to graduate students in anthropology include the Dolph Briscoe Center for American History, the John L. Warfield Center for African and African American Studies, the Benson Latin American Collection, the Américo Paredes Center for Cultural Studies, and the Texas Archaeological Research Laboratory. The J. J. Pickle Research Campus and the Department of Anthropology offer facilities for research in antiquities conservation; geophysical survey; physical anthropology; paleontology; archaeomagnetic research; and primate anatomy and behavior. The department also maintains research facilities in archaeology, social anthropology, and linguistic anthropology.

## Areas of Study

Graduate study in anthropology is offered in the areas of biological anthropology, archaeology, linguistic anthropology, and sociocultural anthropology, with emphasis on North, Central, and South America, Micronesia, Central, South, and Southeast Asia, Madagascar, the Middle East, and Africa.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Kamran Ali
Craig A Campbell
Paola Canova
Iokepa Casumbal-Salazar
lyaxel Ixkan Cojti Ren
Jason Cons
Ronald Covey
Jonathan Crosson
Celina Aisha Davidson de Sa
James R Denbow
Anthony F Di Fiore
Patience LEpps
Veit F Erlmann
Richard R Flores
Kevin M Foster
Maria Franklin
Lyndon K Gill
Courtney Handman
John Hartigan
Heather Anne Hindman
Hiilei J Hobart
Mary E Ibarrola
John W Kappelman Jr
Elizabeth L Keating
Ward W Keeler
Edward C Kirk

Daniel A Law
Randolph R Lewis
Rebecca J Lewis
Martha Menchaca
Sofian Merabet
Chelsi West Ohueri
Robert M Oppenheim
Marina Louise Peterson
Denne N Reed
Enrique R Rodriguez
Arlene Rosen
Aaron G Sandel
Liza J Shapiro
Maria Sidorkina
James Slotta
Christen Anne Smith
Kathleen C Stewart
Pauline T Strong
David S Stuart
Circe Dawn Sturm
John W Traphagan
Fred Valdez Jr
Maria D Wade
Anthony K Webster
Samuel M Wilson
Anthony C Woodbury

## Degree Requirements, Anthropology

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The degree program is offered in two options: with a thesis or with a report. The thesis option requires 30 semester hours of coursework; the report option requires 33 . Both options require students to complete the following: six semester hours of core coursework in anthropology; a minimum of 12 additional semester hours of coursework in anthropology; a minimum of six semester hours of coursework commonly taken as a minor outside the Department of Anthropology; and either a dedicated report or thesis course. Students in archaeology, linguistic anthropology, and biological anthropology must take at least one core course from their particular subfield. Students in sociocultural anthropology must complete the core course in social anthropology (Anthropology 392M, Introduction to Graduate Social Anthropology) as well as the core course in cultural forms (Anthropology 392P, Introduction to Cultural Forms). Recommended minor areas for supporting work include Asian studies, art history, biology, communication, comparative literature, computer science, economics, English, geography, geological sciences, government, history, kinesiology, Latin American studies, linguistics, philosophy, psychology, sociology, statistics, Middle Eastern studies, American studies, women's and gender studies, cultural studies, African and African diaspora studies, Mexican American and Latino/a studies, Native American and indigenous studies, and ethnomusicology.

## Doctor of Philosophy

A Master of Arts or an equivalent degree in anthropology or a closely related field is required for admission to the doctoral program. The student must complete a total of three of the following core courses:

> - Anthropology 392K, Introduction to Graduate Archaeology
> - Anthropology 392J, Introduction to Biological Anthropology: Behavior, Genetics, and Variation
> - Anthropology 392L, Introduction to Biological Anthropology: Primate Morphology and Evolution
> - Anthropology 392M, Introduction to Graduate Social Anthropology
> - Anthropology 392N, Introduction to Graduate Linguistic Anthropology
> - Anthropology 392P, Introduction to Cultural Forms
> - Anthropology 392R, African Diaspora Anthropology
> - Anthropology 392S, Introduction to Graduate Feminist Anthropology
> - Anthropology 392T, Mesoamerica and Borderlands.

Students in archaeology, linguistic anthropology, and biological anthropology are required to complete the core course(s) in their subfield. Students in the sociocultural anthropology subfield are required to include both Anthropology 392M, Introduction to Graduate Social Anthropology and Anthropology 392P, Introduction to Cultural Forms among their core courses and may also, at their supervisor's request, be required to complete the graduate portfolio in cultural studies. Additional information about the graduate portfolio in cultural studies is published by the Américo Paredes Center for Cultural Studies. Additionally all students must complete at least one core course from outside of their subfield.

Students with an extensive background in a subfield may petition the Graduate Studies Committee for exemption from the core courses in that area.

Finally, all PhD students, regardless of subfield, must also fulfill a foreign language requirement; information about this requirement is available from the graduate advisor. Before advancing to candidacy, a comprehensive examination is given in three areas of specialization. The topics are selected by the student in consultation with an examination committee. Students must also write and defend a detailed prospectus on their dissertation research. After completing the comprehensive examination(s), the student files an application for candidacy and researches, writes and defends the dissertation.

## Asian Studies

Master of Arts (in Asian Studies)<br>Master of Arts (in Asian Cultures and Languages) Doctor of Philosophy (in Asian Cultures and Languages)

## For More Information

Campus address: Will C. Hogg Building (WCH) 4.134, phone (512) 471-5811, fax (512) 471-4469; campus mail code: G9300

Mailing address: The University of Texas at Austin, Graduate Program, Department of Asian Studies, 120 Inner Campus Drive G9300, Austin TX 78712

URL: http://liberalarts.utexas.edu/asianstudies/

## Facilities for Graduate Work

Asian materials are distributed throughout the University of Texas Libraries, including the Perry-Castañeda Library, the Fine Arts Library, the Benson Latin American Collection, the Lyndon Baines Johnson Library and Museum, and the Harry Ransom Center. Asian maps are located primarily in the Perry-Castañeda Library Map Collection and the Geology Library.

The Ransom Center houses one of the finest rare book and manuscript collections in North America. Among its archives are items from the personal library of Sir William Jones, founder of the Asiatic Society; correspondence and manuscripts of novelist Paul Scott, Anita Desai, and Raja Rao; papers of Samuel Selvon and Nancy Wilson Ross; rare photographs attributed to Deen Dayal; and photo albums once owned by the Earl of Mayo. Sanskrit manuscripts from Dr. Patrick Olivelle were also added after he completed work on the Manavadharmasastra. Within the manuscript and book collections acquired from Great Britain are numerous titles on the British Empire. Among the materials in the Lyndon Baines Johnson Library and Museum are oral histories and policy papers related to Kashmiri politics, the Food for Peace Program, international relations with the subcontinent, and an extensive collection on the Vietnam War. The Benson Latin American Collection contains over 4,000 volumes that cover immigration from Asia to the Caribbean and South America, and the associated cultural phenomena of the diasporic communities.

## Areas of Study

The Master of Arts with a major in Asian studies is an interdisciplinary degree with a regional concentration on East Asia (China, Japan, Korea), South Asia, or both. The degree is intended primarily for those preparing for careers in fields such as business, communication, government, information studies, law, the military, and teaching, or to prepare for further advanced study in another discipline or area studies program.

The Master of Arts and Doctor of Philosophy degrees with a major in Asian cultures and languages are intended for students whose career objective is college or university teaching. For these degrees, students concentrate in Chinese, Hindi, Japanese, Korean, Malayalam, Sanskrit, Tamil, Telugu, or Urdu.

There is considerable flexibility in meeting degree requirements. Each student, in consultation with the graduate advisor and faculty mentor, designs an individual program within the framework of the requirements given in Degree Requirements (p. 113).

Graduate courses are offered regularly in the histories, cultures, religions, languages, and literatures of Asia. The study of these languages and cultures may also be included in programs leading to master's or doctoral degrees in other disciplines.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Kamran Ali
Joel P Brereton
Kirsten Cather
Sung-Sheng Yvonne Chang
Indrani Chatterjee
Wenhong Chen
Adam John Clulow
Donald R Davis Jr
David J Eaton
Oliver Freiberger
Lalitha Gopalan
Sumit Guha
Kathleen M Higgins
Heather Anne Hindman
Madeline Y Hsu
Brian Hurley
Syed A Hyder
Ward W Keeler
Shanti Kumar
Janice Leoshko
Huaiyin Li

## Admission Requirements

## Master of Arts with a Major in Asian Studies

This program is intended for students who wish to acquire deeper knowledge in Asian studies and related language skills in order to pursue a career in business, government, nongovernmental organizations, or the like, or to prepare for further study in another discipline or area studies program. Successful applicants hold a bachelor's degree, often in a related field, and have a strong interest in China, Japan, Korea, South Asia, or some combination of these. Since they will specialize in one of these geographic areas and study at least one language of that area to an advanced level, previous language training is highly recommended. Those who apply to the program without language training may complete first- and second-year college level language coursework after they are admitted, but these courses will not count toward the semester hours required for the master's degree.

## Master of Arts / Doctor of Philosophy with a Major in Asian Cultures and Languages

This program is intended for students who wish to obtain a doctorate in order to pursue an academic career in the study of China, Japan, Korea, or South Asia. They may apply to enter the program with a
bachelor's degree in area studies or a related field. Most applicants will have knowledge of an Asian language before applying for admission. Students without this knowledge but whose applications are otherwise outstanding may also be accepted into the program. Students may complete first- and second-year college level language coursework after they are admitted, but these courses will not count toward the credit hours required for their master's and doctoral degrees. Successful applicants holding only a bachelor's degree will initially be enrolled in the master of arts program, with the expectation that after obtaining the master's degree they will continue their study in the doctoral phase of the program. Applicants who already hold a master's degree in a related field may be admitted directly to the doctoral phase of the program. Such applicants normally have an advanced level of proficiency in the language and graduate-level coursework in the area of their specialization.

## Degree Requirements, Asian Studies

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

All graduate students in the Department of Asian Studies are required to complete an annual report detailing their progress in the program. Annual reports are reviewed by the Graduate Studies Committee each spring.

## Master of Arts with a Major in Asian Studies

Students are required to take three semester hours of coursework in Asian history, in addition to either an additional three hours in Asian history or three hours in social sciences relating to their regional area of study. Students are also expected to show proficiency in a language relevant to their interests as determined by their advisor and mentor, either by completing six semester hours of advanced language study with a grade of at least $B$ in each course, or by passing a proficiency examination.

Students may choose either the report option or the thesis option to conclude their master's program. The report option consists of at least 30 semester hours of coursework, including the report course, which is a three-hour, one-semester project in which the student conducts research and writes a report on a given topic. The thesis option consists of at least 30 semester hours of coursework, including the thesis course, which is a six-hour, two-semester project in which the student does indepth research on a given topic.

Students who choose the thesis option must take at least 12 hours of courses in their area of specialization, with no more than six hours in any one discipline (such as literature, religion, visual culture, etc.). Students who choose the report option must take at least 15 semester hours of such electives, with no more than nine hours in any one discipline.

Up to nine hours of undergraduate upper-division coursework, including language coursework, may be counted toward the degree.

## Master of Arts / Doctor of Philosophy with a Major in Asian Cultures and Languages

This program requires a minimum of 48 semester hours of coursework and consists of two phases. The first phase (master of arts) requires 30 semester hours of coursework, including the report course. Students
must take at least three courses in their area of specialization-for example, in Japanese culture, Indian religion, or Chinese literature. They must also take one graduate course that introduces them to research methods of the appropriate discipline-for example, in historiography, ethnography, or literary theory/criticism-and another course in history or in the social sciences relating to their regional area of study. Up to nine hours of upper-division undergraduate coursework may be counted toward the master's degree.

In December of the second year in the master's program, students will receive a formal review to determine if they may continue on to the doctoral program. To complete the master's degree phase, students are expected to show proficiency in a language offered by the Department of Asian Studies, either by completing six semester hours of advanced language study with a grade of at least $B$ in each course or by passing a proficiency examination. To complete the master's degree program, students must submit, in the last semester of their coursework (normally the fourth semester), a report that shows their ability to conduct independent research. Successful completion of this report is required for admission to the PhD phase.

The PhD phase of the program requires at least 18 semester hours of coursework beyond the master's degree, prior to the completion of dissertation courses. In total, MA/PhD students must complete at least 24 semester hours in the major and minor areas of specialization and six semester hours in theory and methodology related to the major and/or minor area(s).

Students admitted directly to the PhD program must complete at least 30 semester hours of coursework in addition to the dissertation courses. Within their field of expertise (China, Japan, Korea, or South Asia), students must complete 24 semester hours in the major and minor areas of specialization, and six semester hours in theory and methodology related to the major and/or minor area(s). Areas of specialization must be approved by the graduate advisor and mentor.

All PhD students are expected to demonstrate fifth-year proficiency in one Asian language prior to defending the dissertation.

Competency in at least one modern foreign language that will be used in research is required. The research language may be a European language, such as French or German, or a modern Asian language. If the student chooses to study an Asian language as the research language, the language should be one that is pertinent to the student's professional development, such as Hindi for students whose primary language of study is Sanskrit. The choice of language(s) and the required level of proficiency are determined by the mentor and dissertation supervisor in consultation with the graduate advisor.

To be admitted to candidacy for the doctoral degree, students must take comprehensive examinations in their area of specialization, pass a dissertation prospectus hearing, and demonstrate research-level proficiency in the language(s) of their field. Normally, students take their comprehensive examination, including an oral defense, in the third or fourth semester of the PhD phase.

After passing the comprehensive examination, the student, in consultation with the graduate advisor and graduate mentor, selects five faculty members to form a dissertation committee; the chair of the committee is the student's dissertation supervisor. After passing the dissertation prospectus hearing, the student may advance to doctoral candidacy.

Published guidelines regarding the comprehensive examination, dissertation prospectus hearing, admission to candidacy, and completion of the dissertation are available from the Department of Asian Studies.

## Dual Degree Programs

The Department of Asian Studies offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Business administration | Master of Business <br> Administration |
| Public affairs | Master of Global <br> Policy Studies |
| Public affairs | Master of Public <br> Affairs |

## Classics

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Waggener Hall (WAG) 123, phone (512) 471-5742, fax (512) 471-4111; campus mail code: C3400

Mailing address: The University of Texas at Austin, Graduate Program, Department of Classics, 2210 Speedway C3400, Austin TX 78712

E-mail: classics@austin.utexas.edu
URL: liberalarts.utexas.edu/classics/

## Facilities for Graduate Work

The Classics Library, located within the department in Waggener Hall and managed by its own staff, houses more than 30,000 volumes spanning all areas of classical studies. Supporting collections and staff members are located in the Perry-Castañeda Library, the Architecture and Planning Library, the Fine Arts Library, and other University Libraries units. Holdings of the Harry Ransom Center include a collection of Greek papyri from Egypt and numerous Renaissance editions of classical texts. The Battle Collection of Plaster Casts and a collection of ancient pottery are housed in the Blanton Museum of Art. Graduate students also have access to the Swenson Coin Collection; the Meritt and Reinmuth squeeze collections; a collection of drawings, photographs, and notes on ancient architecture by Lucy Shoe Meritt; and a substantial study collection of material objects from around the ancient Mediterranean, including Egypt and the Near East. Additional resources within the department include a comprehensive photographic archive of prehistoric Aegean and Cypriot inscriptions and related research materials maintained by the Program in Aegean Scripts and Prehistory; visual media that include more than 15,000 digital images and more than 70,000 slides; a well-equipped computer laboratory linked to major classical databases; and a full-time instructional technology and media staff.

Through the Institute of Classical Archaeology, the department sponsors archaeological fieldwork at Metaponto in southern Italy and at Chersonesus on the Black Sea. The Institute for the Study of Antiquity and Christian Origins conducts fieldwork at Ostia in Italy.

## Areas of Study

Classics is an interdisciplinary field embracing all areas of classical antiquity: language, history, literature, material culture, philosophy, religion, and so on. Within this broad area, the only limitation on programs of study is the availability of specialists to direct a student's work. The department offers a special concentration in classical
archaeology, and the Departments of Classics and Philosophy offer a cooperative doctoral program in ancient philosophy. The faculty also maintains close links with the Departments of Art and Art History, English, French and Italian, History, and Religious Studies, and with the comparative literature program. A cooperative arrangement with the Institute of Nautical Archaeology at Texas A\&M University makes courses in nautical archaeology and ancient seafaring available for University of Texas at Austin credit.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Deborah Beck
Naomi Campa
Pramit Chaudhuri
Lesley A Dean-Jones
Jennifer V Ebbeler
Michael Gagarin
Karl Galinsky
Sean Gurd
Robert J Hankinson

## Degree Requirements, Classics

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

Course requirements are 33 semester hours of coursework. For students in the language and literature program this may, and for students who concentrate in archaeology it typically does, include the report course, a one semester course of supervised research. No more than nine hours of upper-division coursework may be included in the program. The program of coursework is planned individually by the student in consultation with the graduate advisor. At least 18 semester hours must be in Greek, Latin, or both. At least six semester hours of supporting work is required, either in classics or in related fields such as anthropology, art history, comparative literature, geography, history, linguistics, and philosophy. The master's degree student has no formal qualifying examinations before beginning the report as such, but the program requires the completion of certain PhD qualifying exams during the period of work on the Master's.

## Doctor of Philosophy

Admission to the doctoral program is subject to the approval of the Graduate Studies Committee and normally requires a Master of Arts degree with a major in classics or a closely related field. The department awards the PhD in classics, and all students must demonstrate competence in both Greek and Latin. Students with a special interest in classical archaeology or ancient philosophy may pursue a concentration in either area.

Course requirements. Students who concentrate in language and literature must complete one seminar in each of the following categories: Latin, Greek, prose literature, verse literature, material culture, as well as two historical courses and one upper division or graduate course offered outside the department. A broad and changing menu of seminars provides training in many areas of study and methods of research. Students who concentrate in classical archaeology or ancient
philosophy have special course requirements, which are described on the department's website.

Examination requirements. To be admitted to candidacy for the doctoral degree, students must pass the following written examinations: translation in Greek; translation in Latin; ancient history; separate exams on Greek and Latin literature followed by an oral examination covering both; translation in German; and translation in a second modern language. A timetable with the recommended schedule for completion of the PhD requirements is available on the department's website.

Students who concentrate in ancient philosophy must pass an examination in ancient philosophy and take additional coursework in Philosophy.

Students who concentrate in classical archaeology must pass the following written examinations: translation in Greek or in Latin; Greek archaeology; Roman archaeology; ancient history; translation in German; and translation in a second modern language.

Other requirements. Students concentrating in language and literature or in classical archaeology must also submit a portfolio of research papers. For the precise requirements (which vary between the two programs), see the department's website.

## Comparative Literature

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Calhoun Hall (CAL) 217, phone (512) 471-1925; campus mail code: B5003

Mailing address: The University of Texas at Austin, Graduate Program in Comparative Literature, 208 West 21 st Street B5003, Austin TX 78712

E-mail: complit@austin.utexas.edu
URL: http://liberalarts.utexas.edu/complit/

## Facilities for Graduate Work

Comparative Literature offers a core of courses in the discipline and draws on the teaching and scholarly resources of faculty members in more than 20 programs in language, literature, culture, and area studies. In addition to the University Libraries facilities, special collections in the Harry Ransom Center and the Benson Latin American Collection, for example, offer opportunities for research.

## Areas of Study

Students seeking the Master of Arts degree are expected to develop a broad knowledge of the theory and practice of comparative literature, both through coursework and through the completion of a report or thesis. In addition, they expand their acquaintance with a single worldlanguage literature by studying it at the graduate level.

Students seeking the doctoral degree are expected to develop extensive knowledge of one world-language literature and broad knowledge of a second. They are required to complete, in effect, the equivalent of a master's degree in one world-language literature, while demonstrating proficiency in either two additional languages or in one additional language and a third area of relevant study. The program also prepares students in literary theory and criticism and in the scholarly and critical methods of studying the relationships among various literatures and cultures. Interdisciplinary study is also encouraged, as students explore
the interrelationships between literature and other fields (such as art history, gender studies, ethnic studies, anthropology, film, philosophy, and psychology) as part of their programs of work. After fulfilling all requirements in the areas of literature, theory, and language and passing both qualifying and comprehensive examinations, students choose a period, genre, or historical, cultural, intellectual, or critical problem on which to write a dissertation.

Work toward the Master of Arts and Doctor of Philosophy is offered in collaboration with the Departments of Asian Studies, Classics, English, French and Italian, Germanic Studies, Middle Eastern Studies, Slavic and Eurasian Studies, and Spanish and Portuguese, as well as many areastudies centers within the College of Liberal Arts. Additionally students may undertake relevant coursework in anthropology, history, linguistics, philosophy, LGBTQ studies, women's and gender studies, African and African diaspora studies, Asian-American studies, Mexican-American and Latina/o studies, art and art history, music, radio-television-film, and other units approved by the graduate advisor in comparative literature.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Omoniyi Afolabi
Kamran Ali
Katherine M Arens
Minou Arjomand
Douglas G Biow
Marc Bizer
Jason R Borge
Pascale R Bos
Daniela Bini Carter
Kirsten Cather
Sung-Sheng Yvonne Chang
Hector Dominguez-Ruvalcaba
Alison K Frazier
Alan W Friedman
Thomas Jesus Garza
John M Gonzalez
Karen Grumberg
Sabine Hake
Michael P Harney
Geraldine Heng
Neville Hoad
Syed A Hyder

David D Kornhaber
Naomi E Lindstrom
Keith A Livers
Carol H MacKay
Tracie M Matysik
Lisa L Moore
Gabriela Polit
Guy P Raffa
Wayne A Rebhorn Jr
Cory A Reed
Elizabeth Richmond-Garza
Sonia Roncador
Cesar A Salgado
Martha A Selby
Jeffrey Walker
Alexandra K Wettlaufer
Lynn R Wilkinson
Jennifer M Wilks
Hannah Chapelle Wojciehowski
Helena Woodard
Marjorie C Woods

## Degree Requirements, Comparative Literature

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

To earn the Master of Arts degree with a major in comparative literature, the student must complete either 31 semester hours of coursework, including the six-hour thesis course, or 34 hours of coursework, including the three-hour report course. The student must also demonstrate a high degree of competence in one world language and sufficient competence in a second world language. Additional information about these requirements is available from the graduate advisor.

## Doctor of Philosophy

To be admitted to candidacy for the doctoral degree, the student must have earned a master's degree in comparative literature, in a single world language and literature, or in a related discipline such as art history, folklore, or philosophy. In addition, they must have passed the qualifying examination, which tests the student's knowledge of literary theory and critical methodology and of the first world language and literature.

The student is expected to take at least 30 semester hours of coursework beyond the Master of Arts level, including six semester hours for the dissertation. Each student must also pass a comprehensive examination, which is normally taken upon completion of coursework, and a prospectus examination, which must be taken by the end of the long-session semester after the semester in which the student passes the comprehensive examination. The student must then write a dissertation, which may involve, for example, the comparison of works, traditions, themes, writers, or periods from two or more different literatures and cultures. The dissertation may involve the study of literature and some other discipline. It may be a substantial translation, equipped with a general introduction analyzing the work chosen and/ or discussing the problems and theory of translation and provided with detailed, explanatory notes. It may be some other project that the student designs under the supervision of the dissertation committee and that satisfies the aims and interests of the program. Each student should develop a thorough command of two world languages, and proficiency in either a third world language or a relevant area of study. For the purposes of the comprehensive examination, a student may designate as the third area of study either the third world language or another discipline related to the program-for example, an interdisciplinary field, a set of courses linked by a critical or theoretical question, or a topic in cultural studies.

Complete information about the world language requirement, course requirements, and the qualifying and comprehensive examinations is available from the graduate advisor.

## Economics

## Master of Arts <br> Master of Science in Economics Doctor of Philosophy

## For More Information

Campus address: Bernard and Audre Rapoport Building (BRB) 1.116, phone (512) 471-3211, fax (512) 471-3510; campus mail code: C3100

Mailing address: The University of Texas at Austin, Graduate Program, Department of Economics, 2225 Speedway Stop C3100, Austin TX 78712

URL: http://liberalarts.utexas.edu/economics/

## Areas of Study

The Department of Economics offers graduate study and research in the core areas of microeconomics, macroeconomics, and econometrics and in a broad selection of applied areas. Current area offerings are listed in the graduate program's handbooks.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies
Committee (GSC) in the spring 2022 semester.

Jason Ira Abrevaya
Daniel A Ackerberg
Manuela Angelucci
Jorge Francisco Balat
Venkataraman Bhaskar
Saroj Bhattarai
Christoph Boehm
Svetlana Boyarchenko
Marika Cabral
Olivier Coibion
Stephen Donald
Andres Pablo Drenik
Stefano M Eusepi
Michael L Geruso
Brendan Andrew Kline
Leigh L Linden
Victoria Marone

Eugenio Javier Miravete
Andreas I Mueller
Richard Murphy
Gerald S Oettinger
Nitya Pandalai-nayar
Aysegul Sahin
David S Sibley
Vasiliki Skreta
Daniel T Slesnick
Dean E Spears
Maxwell B Stinchcombe
Caroline Desiree Thomas
Robert Town
Stephen J Trejo
Cody Tuttle
Thomas E Wiseman
Haiqing Xu

## Admission Requirements

Applicants may apply directly to the PhD and Master of Arts (Option III) degree programs. The Master of Science in Economics degree is only available to students who are admitted to the PhD program in Economics. Admission to the PhD program requires significant prior training in economics and mathematics. Admission to the Master of Arts (Option III) program requires sufficient prior training in mathematics, while undergraduate coursework in economics is strongly encouraged. Note that applicants admitted to the Master of Arts (Option III) program must submit a nonrefundable enrollment deposit to secure enrollment in the program.

## Degree Requirements, Economics

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The Master of Arts Option III degree program is designed for students pursuing a terminal master's degree in economics. The degree is offered on a coursework-only basis; i.e. it is not offered with a thesis option or a report option. Students are required to take a minimum of 30 hours of coursework, including a foundational sequence of courses in economic theory and econometrics. All courses required for program completion are offered in accordance with University policies that govern non-formula-funded (Option III) programs and are delivered in a face-to-face format with the option for a hybrid online format in limited circumstances. Course requirements and details of hybrid online coursework are described in depth in the Department's MA Program Handbook. This degree is a STEM Designated Degree Program, as identified by the Department of Homeland Security for purposes of the 24 -month STEM optional practical training extension. Applicants admitted to the program must submit a nonrefundable pre-enrollment tuition fee to secure enrollment in the program.

## Master of Science in Economics

The Master of Science in Economics (MSEcon) degree is designed for students pursuing the Doctor of Philosophy in Economics. To complete the degree, students must complete at least 39 hours* of coursework. First, students must complete a foundational sequence of core courses in macroeconomic theory, microeconomic theory, econometrics, and mathematics for economists. Second, they must also complete the field course requirements designed to provide students with expertise
in specific research areas. These requirements are described in more detail in the Department's MSEcon, PhD Program Handbook. This degree does not require completion of a thesis or final report. This degree is a STEM Designated Degree Program, as identified by the Department of Homeland Security for purposes of the 24-month STEM optional practical training extension.

## Doctor of Philosophy

To obtain the Doctor of Philosophy degree, students must complete the requirements for the Master of Science in Economics degree, as well as the following requirements:

1. Students must complete the comprehensive exam requirements.
2. Students must pass the second-year paper requirement.
3. Starting with the third year, students must participate in the writing seminar for their area of specialization and must make significant progress on their research by the end of each academic year.
4. Students must complete a minimum of six credit hours of dissertation.
5. Finally, students must write a dissertation of original research and have the dissertation approved by their dissertation committee following an oral defense.

Most students finish their degree in five years with 93 total credit hours, but some take six years with 111 total credit hours. This includes credits for writing seminar, research, and dissertation courses taken in the third and later years. These requirements are described in more detail in the Department's MSEcon, PhD Program Handbook. This degree is a STEM Designated Degree Program, as identified by the Department of Homeland Security for purposes of the 24-month STEM optional practical training extension.

## English

## Master of Arts <br> Master of Fine Arts (in Creative Writing) Doctor of Philosophy

## For More Information

Campus address: Calhoun Hall (CAL) 210, phone (512) 471-5132 or (512) 475-6356; campus mail code: B5000

Mailing address: The University of Texas at Austin, Department of English, Graduate Program, 204 West 21st Street Stop B5000, Austin TX 78712

URL: http://liberalarts.utexas.edu/english/graduate-program/ information.php

## Facilities for Graduate Work

Facilities for graduate work include an excellent library system and a world-renowned research library, the Harry Ransom Center. The Ransom Center provides materials for critical, textual, and bibliographical studies, with its extensive holdings in earlier British literature (including the Pforzheimer Library), modern British and American literature, theatre arts, photography, and other significant subjects for literary and cultural research. The Benson Latin American Collection is one of many campus resources for advanced work in non-European literature and language. The Department of Rhetoric and Writing offers rich opportunities for teaching and study; and the Digital Writing and Research Laboratory enjoys a national reputation for investigating the intersections among technology, language, and literature.

## Areas of Study

Courses are offered in the following areas of study: American literature to 1900; 20th and 21 st-century American literature; African American and African Diaspora literature; Mexican American and Latinx literature; U.S. race and ethnic studies; archival studies; comparative literature; film and media studies; literary and critical theory; medieval literary studies; Renaissance literature; 18th-century British literature; 19thcentury British literature; modern British and Irish literature; modernist studies; global anglophone literature; book history and bibliography and textual studies; digital literacies and literatures; drama, theatre, and performance; ethnic and Third-World literature; language and linguistics; literature and the environment; disability studies and health humanities; poetry and poetics; popular culture and cultural studies; rhetoric; feminist and LGBTQ studies; and women's literature.

The department also offers workshops in poetry and fiction for students enrolled in the MFA program, as well as craft seminars in fiction, poetry, and creative non-fiction.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Frederick Luis Aldama
Minou Arjomand
Samuel Baker
Janine Barchas
JK Barret
Phillip J Barrish
Chad J Bennett
Lance Bertelsen
Daniel J Birkholz
Mary E Blockley
Casey A Boyle
Douglas S Bruster
Mia E Carter
Oscar H Casares
Jennifer T Chang
Davida H Charney
Tanya Elizabeth Clement
James H Cox
Jackie Cuevas
Elizabeth Cullingford
D D Davis
Rasha Diab
Linda Ferreira-Buckley
Alan W Friedman
John M Gonzalez
Scott Graham
Jonathan Edward carey Harvey
Elizabeth A Hedrick
Geraldine Heng
Jacqueline M Henkel
Angela Hill
Lars Hinrichs
Neville Hoad
Heather Houser
Vox Jo Hsu
Coleman Hutchison

Jose Guadalupe Izaguirre III
Bret Anthony Johnston
Alison Kafer
Martin W Kevorkian
David D Kornhaber
Donna Marie Kornhaber
Peter N LaSalle
James N Loehlin
Mark G Longaker
Edward Allen MacDuffie III
Carol H MacKay
Eric S Mallin
Elizabeth McCracken
Julie A Minich
Lisa L Moore
Gretchen Murphy
Neil R Nehring
Lisa Olstein
Domino R Perez
Samantha Nicole Pinto
Aaron Thomas Pratt
Wayne A Rebhorn Jr
Roger William Reeves
Elizabeth Richmond-Garza
Patricia Roberts-Miller
John P Rumrich
Donnie Johnson Sackey
Elizabeth D Scala
Cathy Jean Schlund-Vials
Ana Schwartz
Clay Spinuzzi
Deborah Unferth
Jennifer M Wilks
Hannah Chapelle Wojciehowski Helena Woodard

Marjorie C Woods

## Degree Requirements, English

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office
and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

A total of 30 semester hours of coursework is required. Details are available from the graduate advisor.

As preparation for the English graduate program, a strong undergraduate background in British and American literature and language is desirable, as well as advanced coursework in related fields.

## Master of Fine Arts (in Creative Writing)

The Master of Fine Arts (MFA) degree is offered in creative writing. Students choose to write either fiction or poetry. A total of 48 semester hours of coursework is required during the three-year program of study. As a part of the program of study, students work as teaching assistants for undergraduate literature and creative writing courses. Students complete the MFA degree program with a successful master's report displaying their talent and craft as fiction writers or poets.

## Doctor of Philosophy

To enter the doctoral degree program, all students must pass an early career review which focuses on their graduate coursework and their performance as teachers. Students must pass the review at the end of the spring semester of the second year of graduate study.

Students advance to candidacy for the doctoral degree after completing a minimum of 39 hours of formal coursework, including the hours completed before the early career review; certifying their foreign language competency; and passing both the third year examination and the prospectus examination. Specific details about each requirement are available from the graduate advisor.

## Dual Degree Programs

The Department of English offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Information Studies | Master of Science in |
|  | Information Studies |

## French and Italian

Master of Arts (in French)<br>Master of Arts (in Italian Studies)<br>Doctor of Philosophy (in French)<br>Doctor of Philosophy (in Italian Studies)

## For More Information

Campus address: Rainey Hall (HRH) 2.110A, phone (512) 471-5531, fax (512) 471-8492; campus mail code: B7600

Mailing address: The University of Texas at Austin, Graduate Program, Department of French and Italian, 201 West 21 st Street Stop B7600, Austin TX 78712

URL: http://liberalarts.utexas.edu/frenchitalian/

## Facilities for Graduate Work

The University offers excellent resources to serve the needs of graduate students in French and Italian. Among the outstanding collections are the Carlton Lake collection of manuscripts and rare editions of modern

French writers from Baudelaire to Beckett, the papers of the Princess Bibesco, the Artinian collection of Guy de Maupassant material, and the Surrealist archive of reviews and original documents. The Italian collections (Ranuzzi, Aldine, Medici, Bodoni, Parsons, and Weinreb) in the Harry Ransom Center offer medieval and Renaissance manuscripts and incunabula, as well as thousands of manuscripts from modern and contemporary writers such as Luigi Pirandello, Paolo Volponi, and Carlo Levi. The Suida-Manning Collection, in the Blanton Museum of Art, is one of the finest collections of Renaissance and Baroque art in the United States and constitutes another world-class resource for graduate study.

Several multimedia language laboratories, equipped with the latest digital aids, furnish excellent opportunities for technical and professional preparation for teaching and research in Romance languages and linguistics. A large collection of recordings of dialect materials in the Romance languages is also available.

## Areas of Study

Graduate programs in French include concentrations in French studies (literature, film, and culture) and linguistics. The program in Italian studies addresses Italian literature, cinema, and culture.

## French

## Degree Requirements

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

Applicants to the graduate program in French apply directly to the PhD. The Master of Arts (MA) degree is awarded on the way to the PhD provided that the student fulfills the requirements described below. The master's degree program in French requires that the candidate have a bachelor's degree with a major in French or demonstrate equivalent knowledge. Master of Arts (MA) degree plans are available with a concentration in French studies or linguistics.

The program in French Studies requires 30 semester hours of coursework, including two courses outside the department. Coursework is designed around three main organizing structures: Historic Periods, Literary/Artistic Genres, and Theoretical Approaches. Students are expected to gain breadth of exposure in the various areas and begin to develop a depth of knowledge in a specific field.

Completion of the program in French Linguistics requires four semesters or 30 semester hours of coursework with a minimum of 24 semester hours of coursework in French Linguistics.

## Doctor of Philosophy

The doctoral program is offered in French Studies and French Linguistics. Information about required courses in each of these areas is available from the department. An examination committee is formed for each candidate; with the graduate advisor, the committee oversees the student's progress and eventually administers a comprehensive examination based on coursework and reading lists. One of the graduate faculty members conducting the examination may come from outside the program. Eighteen to 36 semester hours of coursework beyond the MA are normally required for the degree. An approved dissertation prospectus is required for all doctoral candidates before they may begin to write the dissertation. A final oral defense of the dissertation is required of all candidates.

In French Studies, the candidate is expected to take courses outside of the department in related areas of interest, such as French history, art history, comparative literature, and anthropology. Candidates must pass a comprehensive exam on three areas of expertise before beginning work on the dissertation. The comprehensive examination will consist of a one- to two-hour oral examination conducted by three to four graduate faculty members. For the concentration in French Studies, students must demonstrate competency in Italian, Spanish, German, Russian, Arabic, or any other modern language approved by the graduate advisor at a fourth semester level.

In French Linguistics, students are expected to take courses that provide a thorough understanding of both the theory and the practice of their subject. Coursework for the PhD normally consists of 60 semester credit hours of graduate content courses. The precise nature of the courses will vary with the needs of the individual student, and must be approved in consultation with the graduate advisor. Coursework completed for the master's degree may be counted toward this requirement. Students who are admitted with an MA in French from another institution should expect to take a minimum of 30 to 36 semester hours beyond the MA level. Students must demonstrate competency in Italian, Spanish, German, Russian, Arabic, or any other modern language approved by the graduate advisor at a fourth semester level. Candidates must pass a comprehensive exam structured into two parts: a written component consisting of two research papers based on topics proposed by the members of the student's comprehensive exam committee, and an oral component consisting of a discussion and question session based on the exam papers. The students' comprehensive exam committee will comprise three to four graduate faculty members, one of which may come from outside the program.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

David P Birdsong
Marc Bizer
Carl S Blyth
Benjamin Claude Brower
Barbara Ellen Bullock
Mounira M Charrad
Judith G Coffin
Emily L Drumsta
Patience L Epps
Zenzi Margareta Griffin
Julie Hardwick
Lars Hinrichs

David D Kornhaber
Richard P Meier
Sofian Merabet
Martha G Newman
Herve Picherit
Marc Pierce
Cinzia Russi
Almeida J Toribio
Alexandra K Wettlaufer
Lynn R Wilkinson
Hannah Chapelle Wojciehowski

## Italian

## Degree Requirements

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The master's degree program in Italian studies requires that the candidate have a bachelor's degree with a major in Italian or demonstrate equivalent knowledge. A Master of Arts in Italian studies may be awarded on the way to the Ph.D provided that the student fulfills the requirements described below.

The program requires 36 semester hours of coursework, which may include one three-hour upper-division undergraduate course approved by the graduate advisor. Students must take at least 24 semester hours of graduate coursework in Italian literature, cinema, and culture offered by the Italian graduate faculty of the Department of French and Italian, and six to nine graduate-level semester hours in a supporting subject or subjects in another program, department, or college. Italian studies students must take C L 380F , French 381M , or another graduate course on critical or literary theory approved by the graduate advisor. Students must also demonstrate reading competence in one foreign language other than Italian by earning a grade of at least $B$ in a reading course approved by the graduate advisor, in a second-year college language course, or on an examination approved by the graduate advisor.

## Doctor of Philosophy

Several courses are required of all doctoral candidates; information about them is available from the department. An examination committee is formed for each candidate; with the graduate advisor, the committee oversees the student's progress and eventually administers a comprehensive examination based on coursework and reading lists.

Although the doctoral degree is not awarded on the basis of a specific number of courses or semester hours of credit, six courses (or eighteen semester hours) beyond the master's degree are usually required. With the approval of the graduate advisor, one of these courses may be an undergraduate course that satisfies the requirement for proficiency in a foreign language other than Italian. With the help of the graduate advisor, each student is expected to design an individual course of study and define a primary subject and supporting subject(s) of study. The graduate advisor must approve the student's selection of courses; at least nine hours of coursework must be in one supporting subject. Students must also demonstrate reading competence in a foreign language other than Italian by earning a grade of at least $B$ in a reading course approved by the graduate advisor, in a fourth-semester college course, or on an examination approved by the graduate advisor.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Miroslava Benes
Douglas G Biow
Paola Bonifazio
Daniela Bini Carter
John R Clarke
Penelope J Davies
Andrew F Dell'Antonio
Alison K Frazier
Linda D Henderson

## Geography

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Patton Hall (RLP) 3.306, phone (512) 471-5116, fax (512) 471-5049; campus mail code: A3100

Mailing address: The University of Texas at Austin, Graduate Program, Department of Geography and the Environment, 305 East 23rd Street Stop A3100, Austin TX 78712

URL: http://liberalarts.utexas.edu/geography/

## Facilities for Graduate Work

The teaching and research facilities of the Department of Geography and the Environment are housed in Patton Hall, home to other liberal arts programs and departments. There are also research labs in the adjacent Student Activities Center.

Environmental Information Systems Laboratory. This laboratory provides comprehensive resources for learning and research in cartography, geographic information systems (GIS), remote sensing, and spatial statistics. It contains 25 microcomputers connected by Ethernet to the campus network and the Internet. The laboratory is also equipped with scanners, digitizers, plotters, GPS receivers, a station for field mapping, and audiovisual equipment for hypermedia production. The computers run a variety of software for microcomputer mapping and GIS, remote sensing, computer-assisted drafting, and statistical analysis.

Digital Landscape Laboratory. The Digital Landscape Laboratory is a GIS and remote sensing facility designed to support research in the modeling and characterizing of Earth's varied processes through geomorphology, biogeography, and landscape ecology. The laboratory includes a server, high-speed Ethernet connections, Windows-based workstations, scanners, and a large-format plotter.

Environmental Analysis Laboratories. The Soils and Geoarchaeology Laboratory, the Laboratory of Soils and Sediments, the Geosciences Laboratory, and the Environmental Hydrology and Water Quality Laboratory are equipped for field study and laboratory analysis of soils, sediments, pollen, water, fluvial and lake systems, and archaeological materials. Used as research facilities, these laboratories are integral to graduate study in geomorphology, paleoecology, hydrology, biogeography and cultural ecology, morphodynamics, and geoarchaeology. High technology equipment includes a laser granulometer, an X-ray fluorescence analyzer, magnetic susceptibility meters, 210Pb dating by alpha spectroscopy, an Acoustic Doppler Current Profiler (ADCP), a digital echosound coupled to a DGPS system, a dual frequency Stratabox for geophysics surveys, microscopes, samplers, mechanical augers, a vibracorer, spectrophotometers, and other water quality multi-analyzers, among other equipment. Two small boats and two outboard engines are available for research in rivers, lakes, and dams. Additionally, there is a dedicated environmental geoscience classroom for hands-on laboratory learning.

University Libraries. The University Libraries are noted for their collections on Latin America, the Middle East, South Asia, and the American West.

Special research, training, and financial aid opportunities are available through area studies centers and research institutes in African and African American studies; Australian studies; East Asian studies; Latin American studies; Middle Eastern studies; Russian, East European, and Eurasian studies; and South Asian studies. Language training is available in Arabic, Bengali, Chinese, Hebrew, Hindi, Japanese, Korean, Malayalam, Persian, Sanskrit, Serbian/Croatian, Tamil, Telugu, Turkish, Urdu, Yoruba, and all major European languages. Additional University research facilities used by graduate students in the Department of Geography and the Environment include the Bureau of Economic Geology, the Center for Energy and Environmental Resources, the Center for Research in Water Resources, the Center for Transportation Research, the Marine Science Institute, the Center for Space Research, and the Population Research Center.

## Areas of Study

The graduate curriculum in geography enables students to obtain an understanding of the heritage and philosophical foundations of the discipline, of contemporary thought and practice in its various subfields,
and of the theories, analytical tools, and techniques currently used in geographic research.

Faculty and graduate students have contributed in many ways to understanding and managing the earth's diverse cultural and physical environments, ranging from local to global scales across the full range of human history. Current clusters of faculty research include space, place, and social worlds; environmental changes and surface processes; and digital landscapes.

Faculty associated with the space, place, and social worlds cluster investigate how socio-cultural and political-economic processes such as urbanization, agricultural transformation, industrialization, poverty, health care, migration, and mediated communication interact to produce diverse socio-spatial realities across urban, regional, national, and global scales.

Faculty associated with the environmental changes and surface processes cluster study biotic, climatic, geomorphic, and anthropogenic factors and processes.

Faculty associated with the digital landscapes cluster explore the theoretical and applied issues associated with the acquisition, measurement, representation, analysis, simulation, and visualization of digital geographic information.

The faculty has a strong international orientation and is well prepared to guide students in research in Latin America, South Asia, Southern Africa, and Europe, as well as in the Southwestern and Western regions of the United States. The department encourages interdisciplinary and collaborative work that takes advantage of the University's extensive scholarly resources.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Paul C Adams
Eugenio Yatsuda Arima
Sheryl Luzzadder Beach
Timothy Beach
Kelley A Crews
William Doolittle
David J Eaton
Caroline Faria
Thomas Garrison

## Degree Requirements, Geography

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

To obtain a master's degree in geography, students must complete either 30 semester hours of coursework, including 18 hours of geography, six hours in a minor subject, and six hours in the thesis course; or 36 semester hours of coursework, including 27 hours of geography, six hours in a minor subject, and three hours in the report course. Students who wish to substitute courses in another field for geography courses must demonstrate that these substitutions are appropriate to their program of study and must have the consent of the graduate advisor and the supervising professor for the courses substituted. First-year master's degree students must complete Geography 390K in the fall semester and Geography 390L in the spring semester, with a grade of at least
$B$ in each course. All students must also demonstrate proficiency in a foreign language or in a quantitative or qualitative method. The student's supervising committee and the graduate advisor oversee fulfillment of this requirement.

Each student must enroll in at least two organized courses in geography during their time in the graduate program. These courses must be taught by different full-time faculty members within the department, as approved by the graduate advisor. Geography 390K, 390L, 397, and 398T may not be counted toward this requirement. Geography 397, Conference Course in Geography, may be counted only once toward the degree. By the middle of the second semester, the student should have chosen a supervising committee.

When all course requirements and the language or methods requirement have been fulfilled, the student completes the degree by presenting independent research in the form of a thesis or report.

## Doctor of Philosophy

All students entering the doctoral program must hold a Master of Arts degree or the equivalent.

To qualify for advancement to candidacy, a student must do the following:

1. Complete, with a grade of at least $B$, two required seminars, Geography 390 K and 390L, in the first year of study. All doctoral students must also take three courses taught by different full-time faculty members within the department, as approved by the graduate advisor. Geography 390K, 390L, 397, and 398T may not be counted toward this requirement. Doctoral students may repeat Geography 397, Conference Course in Geography, but this course may be counted only twice toward the degree.
2. Fulfill the language requirement by demonstrating proficiency in one language other than English. Non-native English speakers may fulfill the requirement by demonstrating proficiency in English. Proficiency must be approved by the student's dissertation supervisor and the graduate advisor. In exceptional cases, the requirement may be waived with the approval of the graduate advisor.
3. Fulfill the methods requirement by demonstrating proficiency in either a quantitative or a qualitative method, as approved by the student's dissertation supervisor and the graduate advisor.
4. Select a faculty supervisor and dissertation committee by the end of the second semester; the student may later change supervisors and alter the committee if appropriate.
5. Present a Program of Work that meets the approval of the dissertation supervisor.
6. Demonstrate comprehensive knowledge in two areas of specialization in geography.
7. Pass a qualifying examination.

After admission to candidacy, a student has completed the formal program of coursework and engages in the research and writing of the dissertation, culminating in an oral defense of the dissertation.

## Dual Degree Program

The Department of Geography and the Environment offers the following dual degree program in cooperation with another division of the University. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Community and regional planning | Master of Science |

## Germanic Studies

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Burdine Hall (BUR) 336, phone (512) 471-4123; campus mail code: C3300

Mailing address: The University of Texas at Austin, Graduate Program, Department of Germanic Studies, 2505 University Avenue Stop C3300, Austin TX 78712-1802

E-mail: germanicstudies@austin.utexas.edu
URL: http://liberalarts.utexas.edu/germanic/

## Facilities for Graduate Work

The Department of Germanic Studies is committed to scholarship and teaching at high professional standards, nationally and internationally, in order to support students' individual achievement and to foster their career development, both within and beyond the academy, Faculty research and teaching activities are interdisciplinary and transcultural, engaging cultural studies, linguistics, literature, digital humanities, and second language studies. The graduate program offers coursework informed especially by twenty-first century research on emerging and traditional forms of textuality and media; contemporary problems of cultural identity, migration and exile, and cultural contact; and significant theoretical, practical, and digital approaches to the humanities. Primary sources and archives (digital, media, or textual) feature prominently in the program, approached through the lenses of contemporary theories, models, and tools for language, cultural and media studies. The Department's research profile stresses work with texts as part of media cultures, investigating cultural practices, and understanding language communities; it does so by building on and moving beyond traditional scholarly models to create contemporary contexts for research and teaching in the humanities, as well as for related careers in the public sphere.

The department encourages programs of study that combine German and other Germanic cultures, especially Danish, Dutch, Norwegian, and Swedish; it welcomes work that makes substantial links between cultural sites in different periods and different regions, as well as between different scholarly disciplines and research paradigms. Course offerings of the resident faculty are supplemented by visiting scholars from Europe, including long-term German Academic Exchange Service (DAAD) lecturers, and occasional writers or scholars in residence. While completing core requirements within the department, students are encouraged to pursue links to and coursework in other programs in the University. The campus' infrastructure for digital research and teaching is first-rate and rapidly evolving, aiming to create new communities and forums for scholarly research and teaching, as well.

The University Libraries are state-of-the-art. They are among the 10 largest collections in the country and focus especially on digital collections. The Harry Ransom Center, the campus rare books library, has substantial holdings in German drama, manuscripts, and publishers' correspondence; and the Blanton Museum of Art has one of the largest collections of prints, drawings, and paintings in the country, including significant holdings in European graphic arts.

## Areas of Study

All students in the graduate program take a core of required courses In consultation with the graduate advisor, each student chooses a
concentration to aid in the choice of electives. Concentrations are developed by students in consultation with the graduate program to accommodate their individual career goals and interests. Students' concentrations may include courses from outside the department that are related to the major area of study.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Katherine M Arens<br>Kirsten L Belgum<br>Hans C Boas<br>Pascale R Bos<br>Kirkland Alexander Fulk<br>Sabine Hake<br>Nicholas A Henry<br>Peter Hess

John M Hoberman
Barbara Laubenthal
Marc Pierce
Thorsten Ries
Sandra B Straubhaar
Jurgen K Streeck
Lynn R Wilkinson

## Admission Requirements

Entering graduate students must have a bachelor's degree (or the equivalent from a university outside the United States), ordinarily with a major in German or the appropriate Germanic language.

## Degree Requirements, Germanic Studies

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The master's degree program requires 33 semester hours of coursework, of which three hours are earned in the report course, German 398R, Master's Report

The core program consists of three courses: usually German 381 (Topic 2: Introduction to Synchronic Linguistics: German) or German 381 (Topic 3: Introduction to Diachronic Linguistics: Germanic); German 398T, Supervised Teaching in German; and one course from among German 386, Periods in Germanic Literature; German 382M, Topics in Cultural History; or German 382N, Topics in Intellectual History. Additional coursework required for program completion will accommodate the student's declared area of specialization and will include seven electives chosen in consultation with the graduate advisor.

In their final semester, while enrolled in German 398R, Master's Report, students must pass an oral examination of up to one and onehalf hours based on the master's report and coursework completed in the declared area of the specialization

Students must also demonstrate reading competence in one foreign language other than English and the language of the students' major field of study (usually German); students with competence in English and another Germanic language are strongly encouraged to choose German as their other language.

## Doctor of Philosophy

The doctoral program usually requires 27 semester hours of coursework beyond the master's degree. In consultation with the graduate advisor, students develop primary and supporting areas of specialization, with the primary area usually being the area of the proposed dissertation.

These areas should represent professionally acknowledged focuses for research and teaching in the field, covering the broad spectrum of literature, cultural, and linguistic specializations represented in the major professional organizations.

Students are expected to complete the core program for the Master of Arts degree or its equivalent before final admission to the doctoral program (including demonstrated reading competence in an additional foreign language, as described above). Students must fulfill the following requirements: (1) successfully complete the qualifying procedure to confirm entrance into the doctoral program, administered by the Graduate Studies Committee; (2) demonstrate reading competence in one additional foreign language other than German or the language of concentration; (3) near the completion of all coursework, pass the candidacy procedure; and (4) defend the completed dissertation in the final oral examination.

## Government

> Master of Arts
> Doctor of Philosophy

## For More Information

Campus address: Batts Hall (BAT) 2.116, phone (512) 471-5121, fax (512) 471-1061; campus mail code: A1800

Mailing address: The University of Texas at Austin, Graduate Program, Department of Government, 158 West 21 st Street A1800, Austin TX 78712

E-mail: gov-gpo@austin.utexas.edu
URL: http://liberalarts.utexas.edu/government/

## Facilities for Graduate Work

With more than 60 full-time or jointly appointed members, the Department of Government is one of the largest political science faculties in the country. The department houses important research centers, including the Innovations for Peace and Development Lab, the Politics of Race and Ethnicity Lab, the Public Policy Institute, and the Policy Agendas Project, and its faculty are affiliated with a variety of global research initiatives, like the Comparative Constitutions Project and the AidData Research Consortium. The department's research resources include excellent computer facilities and an extensive collection of machine-readable social science data.

Students in the department also take advantage of many of the University's research facilities and programs, including the Teresa Lozano Long Institute of Latin American Studies and Centers for East Asian Studies; Russian, East European, and Eurasian Studies; and Middle Eastern Studies. Many other units provide institutional support for political scientists, including the Brazil Center, the Edward A. Clark Center for Australian and New Zealand Studies, the Center for European Studies, the John L. Warfield Center for African and African American Studies, and the South Asia Institute.

The University has one of the largest academic libraries in the United States, with many collections of value for research in government and politics; these include the Benson Latin American Collection, the Grattan collection on Australia, the Woodrow Wilson collection, the Tobenkin collection on the Russian Revolution, the Jaffe collection on political radicalism, and a variety of special materials on southern and western Americana, Southwestern history and politics, India, East Asia, the Middle East, Africa, and the British Commonwealth. The library system also includes the Dolph Briscoe Center for American History, the Harry

Ransom Center, and the Tarlton Law Library. The campus is the site of the Lyndon Baines Johnson Library and Museum, an invaluable resource for the study of twentieth-century politics.

## Areas of Study

All candidates for graduate degrees are expected to develop a broad competence in the discipline as a whole as well as expertise in specific areas. The program offers specialized instruction in the following fields: American politics, comparative politics, international relations, methodology, political theory, public law, and public policy.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Jeffrey B Abramson
Richard Albert
Bethany L Albertson
Zoltan D Barany
Daniel M Brinks
Jason M Brownlee
J Budziszewski
Terrence Leon Chapman
Alison Craig
Zachary S Elkins
Derek Epp
Michael G Findley
James K Galbraith
John Gerring
Nate Gilmore
Kenneth F Greene
Benjamin G Gregg
Roderick P Hart
Wendy A Hunter
Gary J Jacobsohn
Nathan Michael Jensen
Stephen August Jessee
Bryan Davidson Jones
David L Leal
Sanford V Levinson
Tse-Min Lin
Amy H Liu
Xiaobo Lu
Robert C Luskin

Patricia Maclachlan
Raul L Madrid
Eric Leon Mcdaniel
Patrick J McDonald
Robert G Moser
Daniel Nielson
Lorraine S Pangle
Thomas L Pangle
Ami Pedahzur
H W Perry Jr
Tasha S Philpot
Lucas A Powe Jr
David F Prindle
Brian Richter
Brian E Roberts
Daron R Shaw
Zeynep Somer-Topcu
Bartholomew H Sparrow
David B Spence
Devin A Stauffer
Sean M Theriault
Jeffrey K Tulis
Maurizio Viroli
Hannah L Walker
Rachel Wellhausen
Timothy Daniel Werner
Kurt G Weyland
Christopher Wlezien
Michael Scott Wolford

## Degree Requirements, Government

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The master's degree program requires either 24 semester hours of coursework and Government 698, the thesis course; or 30 hours of coursework and Government 398R, the report course. At least six hours must be taken as supporting work outside the department.

## Doctor of Philosophy

A doctoral degree candidate must earn credit for a minimum of 42 hours of coursework while fulfilling the following general requirements: (1)
complete foundation courses in political science and more specialized coursework in major and minor fields of study; (2) participate in a second-year review; (3) pass a written examination in the major field; (4) prepare and defend a dissertation proposal; and (5) write an original dissertation and successfully defend it in oral examination. Additional information on specific requirements and procedures is available from the department.

## History

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Garrison Hall (GAR) 1.104B, phone (512) 471-3261, fax
(512) 475-7222; campus mail code: B7000

Mailing address: The University of Texas at Austin, Graduate Program, Department of History, 128 Inner Campus Drive, Stop B7000, Austin TX 78712

URL: http://liberalarts.utexas.edu/history/graduate/overview.php

## Facilities for Graduate Work

Graduate students in history have access to major collections of research materials in a number of fields. The Benson Latin American Collection of printed and manuscript materials is of international importance for research and study in the history of Latin America in general and Mexico in particular. The Lyndon Baines Johnson Library and Museum and its Oral History Project offer an unprecedented wealth of material for the study of United States history in the Eisenhower, Kennedy, and Johnson years. In the Perry-Castañeda Library, the Harry Ransom Center, and the Dolph Briscoe Center for American History are major collections related to the history of science, 20th-century writers, British and European history, and the history of Texas, the South, and the West, and documents of the United States and of the United Nations. The Natchez Trace Collection in the Dolph Briscoe Center for American History provides an unparalleled resource for the study of the history of the lower Mississippi region in the 19th century. At the Episcopal Theological Seminary of the Southwest near the University campus are the national archives of the Episcopal Church, containing books and manuscripts from the colonial period onward.

## Areas of Study

Graduate study in history is offered in the following major fields: Africa; Atlantic; East Asia; early modern Europe; history of science, technology, and medicine; Latin America; medieval Europe; Middle East; modern Europe; South Asia; and United States.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Kamran S Aghaie
Kamran Ali
Chad Alvarez
Alex A Beasley
Daina R Berry
Douglas G Biow
Marion Enid Bodian
Henry W Brands
Benjamin Claude Brower
Erika M Bsumek
Walter L Buenger Jr
Virginia Garrard Burnett
Matthew J Butler
Jorge Canizares
Indrani Chatterjee
Adam John Clulow
Judith G Coffin
David F Crew
Janet M Davis
Susan Deans-Smith
Lina Maria Del castillo
James R Denbow
Yoav Di-Capua
Jennifer V Ebbeler
Oloruntoyin O Falola
Ashley Farmer
William E Forbath
Alison K Frazier
Joshua Frens-String
Seth W Garfield
Laurie B Green
Sumit Guha
Lauren Jae Gutterman
Julie Hardwick
Madeline Y Hsu
Bruce J Hunt

William Inboden
Monica A Jimenez
Jacqueline Jones
Peniel E Joseph
Neil D Kamil
Mark A Lawrence
Talitha L LeFlouria
Philippa Judith Levine
Huaiyin Li
Tatjana Lichtenstein
William R Louis
Alberto A Martinez
Monica Munoz Martinez
Tracie M Matysik
Steven Mintz
A Azfar Moin
Leonard Nathaniel Moore
Joan H Neuberger
Mary C Neuburger
Martha G Newman
Aaron O'Connell
Robert A Olwell
Abena Dove agyepoma Osseo-asare
Megan Margaret Raby
Carlos E Ramos
Mark Ravina
Annette M Rodriguez
Denise A Spellberg
Jeremi Suri
Cynthia M Talbot
Shirley E Thompson
Alan Tully
Juliet E K Walker
Marjorie C Woods
Charters S Wynn
Emilio Zamora

## Degree Requirements, History

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks.
Please contact the program with concerns or questions.

## Master of Arts

The degree is offered in three options: with thesis, with report, and without thesis or report. The thesis option requires at least 30 semester hours of coursework, including one research seminar; the report option requires at least 33 hours, including two research seminars; and the option without thesis or report requires at least 36 hours, including two research seminars. All options require at least six hours of supporting coursework taken outside the major field of specialization in history; some or all of these six hours may be taken either within or outside the department. With the exception of the major field in United States history, all options require demonstrated competence in a foreign language. Each student's Program of Work must be approved by the student's primary advisor and the graduate advisor.

## Doctor of Philosophy

The Graduate Program Committee maintains close control over admission to the doctoral program; students are reviewed each year until they enter candidacy, and are approved for continuation only if the committee believes the student will excel in doctoral work.

The doctoral degree student must complete at least 36 hours of graduate work, at least 24 of which must be in history. At least six of the required 24 hours must be in research seminars (or at least three of the 24 hours if the student has written a master's thesis at the University). The student must also complete a 12-hour supporting field outside the major field of interest in history; some or all of these 12 hours may be taken either within or outside the department. Courses taken at the University for the master's degree are counted toward the hours required for the doctoral degree. The graduate advisor may also permit transfer of up to 12 hours of graduate credit from another institution.

The student must fulfill the foreign language requirement for the major field as prescribed in the department's Official Guide to Graduate Study in History.

To qualify for admission to candidacy for the doctoral degree, the student must pass both a written and an oral examination in the major field.

The student must meet any other requirements prescribed individually by the Graduate Studies Committee or by the dissertation supervisory committee.

## Human Dimensions of Organizations

## Master of Arts

## For More Information

Campus address: IC² Institute (IC2) 3.100 phone (512) 471-3067; campus mail code: A0300

Mailing address: The University of Texas at Austin, Graduate Program in Human Dimensions of Organizations, 2815 San Gabriel St. A0300, Austin TX 78705

E-mail: hdo@austin.utexas.edu
URL: http://hdo.utexas.edu

## Facilities for Graduate Work

The human dimensions of organizations (HDO) program combines faculty and resources from the departments of anthropology, English, government, linguistics, philosophy, psychology, religious studies, rhetoric and writing, sociology, marketing, and mathematics, as well as the School of Information. Facilities of these academic units, including laboratory, library, and other research facilities, are available for use. Students also have access to University-wide library and computer facilities; to the vast archival materials held at the Harry Ransom Center; and to personnel, facilities, and expertise at the IC ${ }^{2}$ Institute.

Additionally, classrooms, meeting spaces, and research facilities are accessible to students during the program's non-standard teaching times twice a month on Friday evenings and Saturdays. This schedule has been tailored to meet the needs of the program's graduate students, who are typically employed full time while in the program.

As part of the distance-learning program, live videoconferencing facilities are also be available to students unable to commute to Austin, enabling distance learners to attend classes in real time.

## Areas of Study

The Master of Arts degree in human dimensions of organizations, designed for students with at least three years of work experience, provides working professionals with a comprehensive understanding of human behavior and experience as it relates to today's global marketplace. To deepen students' understanding of these principles, the program's coursework focuses on conceptualizing and implementing organizational change from a range of approaches, including cultural, ethical, linguistic, and psychological perspectives, and using both qualitative and quantitative research methods.

The program's curriculum requires students to examine real-world challenges through a variety of disciplinary lenses. By acquiring skills central to specific disciplines, students are able to draw on a range of approaches to analyze, consider, and improve the structure and function of organizations.

The program's faculty is made up of specialists in the College of Liberal Arts and from across the University.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Daniel A Bonevac<br>Mary Rose<br>Davida H Charney<br>Clay Spinuzzi<br>Zachary S Elkins<br>Elizabeth L Keating<br>Pauline T Strong<br>Arthur B Markman<br>John W Traphagan<br>Paul B Woodruff

Elizabeth Richmond-Garza

## Admission Requirements

An admissions committee composed of Human Dimensions of Organizations Graduate Studies Committee members evaluates applications, giving preference to candidates who demonstrate a strong academic background and a clear sense of their research goals in the HDO program. Other requirements include: (1) an official GRE or GMAT score taken within the past five years (foreign students are required to submit TOEFL scores as well); (2) a resume or CV detailing relevant work and academic experience; (3) two essays; and (4) three letters of recommendation. Applicants must also meet the minimum requirements for graduate study at the University.

## Degree Requirements, Human Dimensions of Organizations

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The Master of Arts Option III degree program is designed for students pursuing a terminal master's degree in human dimensions of organizations. Students are required to take 36 -hours of coursework, which are offered in a prescribed sequence. Each semester begins with an intensive week of study on the University campus, followed by twicemonthly classes on both Friday evenings and Saturdays. The degree is offered in a coursework-only option and culminates with the completion of a capstone project, which should apply to a challenge facing a specific organization. All courses required for program completion are offered
in accordance with University policies that govern non-formula-funded (Option III) programs. Applicants admitted to the program must submit a nonrefundable enrollment deposit to secure enrollment in the program.

## Humanities, Health, and Medicine

Master of Arts

## FOR MORE INFORMATION

Campus address: Humanities Institute, William C. Powers Student Activity Center (WCP) 4.138, phone (512) 471-9056

Mailing address: The University of Texas at Austin, Humanities Institute, HHM Graduate Program, Mail Stop F1900, P.O. Drawer 7219. Austin, TX 78713-7219

E-mail: HHM@austin.utexas.edu
URL: https://liberalarts.utexas.edu/humanitiesinstitute/health-and-humanities/ma-in-humanities,-health-medicine/index.php

## Facilities for Graduate Work

The field of Humanities, Health, and Medicine (HHM) explores and promotes relationships among the humanities on the one hand and health and health care on the other. The methods and substance of humanistic disciplines have the power to transform health care for all by enhancing human connections, deepening the capacity for empathy, and improving our understanding of the cultural and social contexts in which health, illness, and care occur. At the same time, focusing on health and health care reinvigorates and reveals new relevance for humanistic scholarship and teaching in a society increasingly dominated by STEM fields. The transdisciplinary nature of Humanities, Health, and Medicine and the flexible design of the Master of Arts program allow students to take courses and study with faculty across campus, including in the College of Liberal Arts, the Moody College of Communications, the Steve Hicks School of Social Work, the College of Education, the School of Nursing, and the School of Information, among other campus units. Faculty from the Dell Medical School are also available to help advise student research. The Humanities, Health, and Medicine program is housed in the University of Texas Humanities Institute, which sponsors monthly Health Humanities Research Seminars and other health humanities initiatives. Other facilities for graduate work include the University's excellent library system, which is equipped with reference librarians who have subject expertise in all relevant fields, and the Harry Ransom Center, a world-renowned center for humanities research.

## Areas of Study

Both the conceptual capaciousness of the field and the significant inventory of relevant graduate and upper-division undergraduate courses that the University offers gives students the ability to design, in collaboration with the graduate advisor, a coherent program of study that matches their interests, desires, and post-degree goals. A combination of structure and flexibility allows for the creation of individualized study plans with different emphases, some of which might include, for example, Health and Culture; History of Medicine; Health, Ethics, and Social Justice; Narrative Health and Medicine; and Critical Disability Studies. Students also have the option of complementing their MA degrees with Graduate Portfolios in, for example, Disability Studies and Health Communications.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Phillip J Barrish Erin Eileen Donovan
Gloria Gonzalez-Lopez
Scott Graham
Tracie C Harrison
Alison Kafer
Philippa Judith Levine
Michael S Mackert
Chelsi West Ohueri
Abena Dove agyepoma Osseo-asare
James W Pennebaker
Sharmila Rudrappa
Margo L Sawyer
Martha A Selby
Pauline T Strong

Julie A Minich

## Degree Requirements: Humanities, Health, and Medicine

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

A total of 30 semester credit hours of coursework is required. These 30 hours may but are not required to include a Master's Report (three hours) or a Master's Thesis (six hours). Up to nine hours of upper-division coursework may also be included. Further details are available from the graduate advisor.

## Dual Degree Programs

The Humanities Institute offers the following dual degree program. More information is available from the graduate advisor.

| Major(s) | Degree(s) |
| :--- | :--- |
| Medicine | Doctor of Medicine |

# Iberian and Latin American Languages and Cultures 

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Benedict Hall (BEN) 2.116, phone (512) 471-4936, fax (512) 471-8073; campus mail code: B3700

Mailing address: The University of Texas at Austin, Graduate Program, Department of Spanish and Portuguese, 150 W 21 st St., B3700, Austin TX 78712

URL: http://liberalarts.utexas.edu/spanish/

## Facilities for Graduate Work

The Perry-Castañeda Library contains extensive holdings related to the history, languages, and cultures of Spain, Portugal, and Latin America. Students also have access to an array of electronic databases, journals, and books related to these areas through the University Libraries website. In addition, the Benson Latin American Collection is the world's foremost university research collection for Latin American studies, with more than eight hundred thousand volumes as well as extensive collections of manuscripts, maps, photographs, and broadsides.

The several language and computer laboratories furnish excellent opportunities for technical and professional preparation for teaching
and research in Romance languages and linguistics. A large collection of tape recordings of dialect materials is also available.

## Areas of Study

Graduate work in Iberian and Latin American languages and cultures is offered in three tracks: Iberian and Latin American Literatures and Cultures, Luso-Brazilian Cultural and Media Studies, and Iberian and Latin American Linguistics.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Jossianna Arroyo Martinez | Kelly McDonough |
| :--- | :--- |
| Carl S Blyth | Melissa D Murphy |
| Jason R Borge | Jorge Perez Perez |
| Barbara Ellen Bullock | Adela Pineda |
| Luis Ernesto Carcamo-Huechante | Gabriela Polit |
| Hector Dominguez-Ruvalcaba | Cory A Reed |
| Michael P Harney | Sergio Romero |
| Orlando R Kelm | Sonia Roncador |
| Dale A Koike | Cesar A Salgado |
| Lorraine Leu | Sandro Sessarego |
| Naomi E Lindstrom | Madelin Sutherland-Meier |
| Belem G Lopez | Almeida J Toribio |

## Admission Requirements

All entering students must hold a bachelor's degree with a major in Spanish and Portuguese or must demonstrate equivalent knowledge. All students must demonstrate proficiency in a second language; this requirement may be fulfilled by exam, previous credit, or 10 to 12 semester hours of additional coursework at The University of Texas at Austin.

## Degree Requirements, Iberian and Latin American Languages and Cultures

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The Master of Arts (MA) degree is available only to students enrolled in the PhD degree program in Iberian and Latin American languages and cultures who are allowed by the Graduate Studies Committee to receive a master's degree after having successfully submitted and defended a doctoral qualifying paper in the fourth semester. If the doctoral qualifying paper is deemed unacceptable, the student may still petition to receive the MA after successfully completing 30 semester credit hours.

## Doctor of Philosophy

## General Requirements

The doctoral program in Iberian and Latin American languages and cultures includes three tracks that share the same five-year structure, described below. These tracks are (1) Iberian and Latin American literatures and cultures, (2) Luso-Brazilian cultural and media studies, and (3) Iberian and Latin American linguistics. All students must demonstrate proficiency in a second language beyond Spanish or

Portuguese. In the first and third tracks, the second language may be any language other than English that is relevant to the student's proposed field of study and is approved by the graduate advisor. Students in the second track must choose Spanish or Portuguese as the second language.

Students seeking the PhD in Iberian and Latin American languages and cultures must complete a minimum of 54 semester hours of coursework. Coursework includes the following required courses: Iberian and Latin American Languages and Cultures 380 (Tracks 1 and 2), 385T, 394, $395,396,398 \mathrm{~T}$, and $399 \mathrm{~W}, 699 \mathrm{~W}$, or 999W. The remaining semester hours may be fulfilled through elective courses at the graduate level, as approved by the graduate advisor. At least 15 of the 27 semester hours of elective coursework must come from courses offered by the Department of Spanish and Portuguese. Of these electives at least one must be a graduate seminar on a Peninsular topic, and at least one must be a graduate seminar on a Luso-Brazillian topic (total of two courses).

For doctoral students, the fourth long semester is dedicated to the elaboration of the doctoral qualifying paper. In the first half of the semester, each student must write and submit a paper demonstrating a mastery of a specialized topic, theoretical rigor, sophisticated research techniques, and a command of structure, academic style, and organization. If the committee, consisting of the student's advisor and two other readers deem the paper acceptable, the student will defend the paper before the committee during the second half of the semester.

Upon the successful completion of the doctoral qualifying paper, in the fifth long semester, students will enroll in nine hours of additional elective coursework.

The sixth and seventh long semesters are dedicated to the preparation of the doctoral dissertation fields and proposal. In the sixth long semester, in consultation with a Dissertation Fields Committee (consisting of the three Graduate Studies Committee faculty members from the department, including the student's advisor, and one faculty member from outside the department), each student will prepare and write critical summaries of a number of field lists. If the Dissertation Fields Committee considers the list and accompanying summaries acceptable, the student will develop a doctoral dissertation proposal, under the supervision of their supervisor(s), which the student will defend in a meeting with the Dissertation Proposal Committee (consisting of the four committee members with the option of adding one more) before the twelfth week of the seventh long semester. The student will also enroll in Iberian and Latin American Languages and Cultures 385T during the seventh long semester.

## Tracks

All graduate students in Tracks 1 and 2 must complete Iberian and Latin American Languages and Cultures 380 as well as 12 semester hours of elective coursework in their first three long semesters. By the end of the third long semester, students must have selected or been assigned a mentor from among the department's graduate faculty.

## Track 1: Iberian and Latin American Literatures and Cultures

The Iberian and Latin American literatures and cultures track addresses the broad range of linguistic and cultural contacts that currently comprise our field. This track allows students to complete their primary coursework in Spanish, with a focus that may include the multiple languages and cultures of Latin America (including the U.S.), Spain, the Caribbean, Africa, or Asia, or related diasporas. Students will then choose a specialization in the literature and culture of a second language relevant to their research. This could be Portuguese, Nahuatl, a Mayan language, French, Arabic, Hebrew, Yiddish, Yoruba, a Creole language, etc.

## Track 2: Luso-Brazilian Cultural and Media Studies

The Luso-Brazilian cultural and media studies track is designed for students who wish to acquire the cultural capital and critical thinking skills crucial to a global understanding of Brazil, Portugal, and the Portuguese-speaking populations of Africa and Asia. While also addressing a range of media and cultural contacts, this option allows students to complete their primary coursework in Luso-Brazilian literature, film, and culture, choosing either Spanish or another relevant language as the basis of a secondary research focus. This track is designed to bridge the traditional divide between Brazil, the Americas, and the Lusophone world.

## Track 3: Iberian and Latin American Linguistics

In the Iberian and Latin American linguistics track, students pursue coursework in areas that bridge theoretical and applied approaches in the study of the structural and meaning-bearing properties of standardized and local languages, the sociolinguistics of the IberoAmerican world, the development of second languages in natural and academic settings, and the qualitative and quantitative analysis of speech samples collected in the field and in the laboratory. This training is supported and augmented by coursework in the core linguistic areas of phonology and syntax as well as in the research methods of phonetics, discourse analysis, corpus linguistics, psycholinguistics, and anthropological linguistics through the offerings of graduate programs in the Department of Spanish and Portuguese and allied departments, including linguistics, French and Italian, curriculum and instruction, psychology, communication, anthropology, and Latin American studies.

## Latin American Studies

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Sid Richardson Hall (SRH) 1.301, phone (512) 232-2402, fax (512) 471-3090; campus mail code: D0800

Mailing address: The University of Texas at Austin, Graduate Program, Teresa Lozano Long Institute of Latin American Studies, 2300 Red River Street Stop D0800, Austin TX 78712

URL: http://liberalarts.utexas.edu/llilas/
Email: Ililas-graduate-program@utlists.utexas.edu (llilas-graduateprogram@utlists.utexas.edu)

## Facilities for Graduate Work

The Benson Latin American Collection is the most complete library of its kind in the United States, containing more than 800,000 volumes of printed material in addition to manuscripts, maps, newspapers, and microfilms. Of special interest are the 20,000 reels of microfilm copies of archival material sourced in Mexico, Spain, England, and Washington DC. Other campus libraries, including the Perry-Castañeda Library, the Fine Arts Library, the Walter Geology Library, and the Architecture and Planning Library, contain additional Latin American material. Students also have access to a variety of electronic journals, books, and bibliographic tools through the University Libraries website.

About 65 faculty members regularly teach courses dealing with Latin America, and some 150 additional faculty members have Latin American interests in a wide variety of fields.

## Areas of Study

Graduate work toward a degree in Latin American studies may be concentrated in any academic area in which courses with Latin American content are offered.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Omoniyi Afolabi
Ricardo C Ainslie Chad Alvarez
Rosental C Alves
Ronald J Angel
Eugenio Yatsuda Arima
Jossianna Arroyo Martinez
Javier Auyero
Sheryl Luzzadder Beach
Charles E Berg
Jason R Borge
Daniel M Brinks
Virginia Garrard Burnett
Matthew J Butler
Esther Calzada
Jorge Canizares
David Cannatella
Paola Canova
Luis Ernesto Carcamo-Huechante
Karma Ruth Chavez
Jason Cons
Ronald Covey
Jonathan Crosson
Megan J Crowhurst
Ian W Dalziel
Donna De Cesare
Susan Deans-Smith
Lina Maria Del castillo
Anthony F Di Fiore
Hector Dominguez-Ruvalcaba
William Doolittle
David J Eaton
Zachary S Elkins
Karen Engle
Patience LEpps
George F Flaherty
Kenneth Flamm
Richard R Flores
Daniel G Fridman
Seth W Garfield
Lyndon K Gill
Gloria Gonzalez-Lopez
Edmund T Gordon
Kenneth F Greene
Julia E Guernsey
Lauren E Gulbas
Laura G Gutierrez
Patricia I Hansen
Brian K Horton
Wendy A Hunter
Benjamin Ibarra Sevilla
Orlando R Kelm

Gregory W Knapp
Dale A Koike
Fernando Luiz Lara
Daniel A Law
David L Leal
Lorraine Leu
Leigh L Linden
Naomi E Lindstrom
Sarah L Lopez
Raul L Madrid
Leticia Junqueira Marteleto
Kelly McDonough
Martha Menchaca
Sofian Merabet
Juan Miro
Robin D Moore
Marcelo Paixao
Jose L Panero
Gabriela Polit
Joseph Earl Potter
Megan Margaret Raby
Carlos E Ramos
Enrique R Rodriguez
Nestor P Rodriguez
Victoria E Rodriguez
Sergio Romero
Sonia Roncador
Cesar A Salgado
Roxanne Schroeder-Arce
Sandro Sessarego
Bjorn Ingmunn Sletto
Christen Anne Smith
Patricia Ann Somers
Kathleen C Stewart
Chandler W Stolp
Joseph Straubhaar
David S Stuart
Almeida J Toribio
Rebecca M Torres
Luis Urrieta
Fred Valdez Jr
Maria D Wade
Peter Ward
Catherine Elizabeth Weaver
Kurt G Weyland
Jennifer M Wilks
Patricia A Wilson
Anthony C Woodbury
Kenneth R Young
Emilio Zamora
Luis H Zayas

## Admission Requirements

The entering master's degree student must have a bachelor's degree, with a major in any discipline. Reading and speaking knowledge of Spanish or Portuguese is required.

Students must hold a master's degree by the time they enter the doctoral program. On rare occasions, admission to the doctoral program may be granted to students without a master's degree; such students are required to earn the master's degree en route to the PhD.

## Degree Requirements, Latin American Studies

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The Latin American Studies Master's Program is interdisciplinary and very flexible. In consultation with the graduate advisor and faculty mentor(s), students should design their program of study to incorporate basic theory and methodology courses relevant to their academic interests. Two degree plans are available: Plan A: Thesis Option and Plan B: Two Reports in Lieu of Thesis (one in the major field and one in the minor).

Students must choose a major (15 semester hours of coursework) and a minor ( 9 semester hours). Major and minor fields may be: (a) any disciplinary areas that offer Latin American or relevant methodological content coursework, such as Anthropology, Community and Regional Planning, Economics, Geography, Government, History, Sociology, Public Policy, Literature/Culture, Art History, etc.; (b) any interdisciplinary areas with content relevant to the student's academic interests such as African and African Diaspora Studies, Mexican American and Latina/o Studies, Native American and Indigenous Studies, Religious Studies, Women's and Gender Studies, etc.; (c) general themes such as violence, feminism, the environment, media, LGTBQ studies, etc.; or (d) methodologies such as Statistics, Geographical Information Systems, Information Technologies, qualitative methods, etc.

Students may also organize their coursework to fulfill the requirements for one of the Portfolio Programs offered by the Graduate School. Typical Portfolio Programs that some Latin American Studies Master's students complete include: Digital Studies, Native American and Indigenous Studies, and Women's and Gender Studies.

Most plans require the completion of at least 33 semester hours of coursework. The only required courses for the LAS MA program are the Proseminar (Latin American Studies 384) and the thesis (Latin American Studies 698A and Latin American Studies 698B) or the primary and secondary report courses (Latin American Studies 397R and 398R). Dual degree programs may require a different number of hours.

Under all of the Master of Arts degree plans, the student must develop a proficiency in Spanish, Portuguese, or an indigenous language of Latin America. Examinations are held each academic year, and the student may repeat them until proficiency is indicated.

During the first year after admission, students will work to select two supervising professors to serve in their thesis committee. The committee chair or mentor must be a member of the Latin American Studies Graduate Studies Committee. The second member or reader can be a faculty member from any other unit within The University of Texas at

Austin. The thesis format must be in accordance with the Graduate School requirements and must also be approved by the two thesis committee members. Master's students who wish to write a thesis or report in a language other than English must consult with their mentor(s) and the graduate advisor before submitting a formal petition to the Graduate School.

## Doctor of Philosophy

The doctoral program in Latin American Studies is dedicated to providing flexible yet rigorous training for a select number of excellent students whose proposed doctoral program requires an interdisciplinary approach. Our doctoral students combine interdisciplinary training with a focus on practical applications, acquiring not only specialist knowledge of their chosen subject, but also a range of skills and expertise in problem solving and connecting ideas. Upon completion of the degree, students frequently enter academic and non-academic professions in which they apply theoretical and methodological knowledge to real-world problems. As part of this training, students are required to participate in a professional placement before defending their doctoral dissertation.

Doctoral students must complete at least 30 semester hours of coursework beyond the master's degree program, excluding hours in the dissertation courses (Latin American Studies 399W, Latin American Studies 699W, and/or Latin American Studies 699W). The only required course for the LAS Doctoral program is the Proseminar (Latin American Studies 384). Upon approval of the Graduate Advisor, the LAS 384 requirement may be waived only for those students that satisfactorily completed this requirement as part of their MA program in Latin American Studies at UT Austin.

## PhD Years 1 and 2

The first two years of the doctoral program are typically dedicated to coursework. Doctoral students must choose a major ( 15 semester hours of coursework), a first minor (9 semester hours), and a second minor (6 hours) using this form. Major and minor fields may be: (a) any disciplinary areas that offer Latin American or relevant methodological content coursework, such as Anthropology, Community and Regional Planning, Economics, Geography, Government, History, Sociology, Public Policy, Literature/Culture, Art History, etc.; (b) any interdisciplinary areas with content relevant to the student's academic interests such as African and African Diaspora Studies, Mexican American and Latina/o Studies, Native American and Indigenous Studies, Religious Studies, Women's and Gender Studies, etc.; (c) general themes such as violence, feminism, the environment, media, LGTBQ studies, etc.; or (d) methodologies such as Statistics, Geographical Information Systems, Information Technologies, qualitative methods, etc.

Students may also organize their coursework to fulfill the requirements for one or more of the Portfolio Programs offered by the Graduate School. Typical Portfolio Programs that some Latin American Studies doctoral students complete include: African and African Diaspora Studies, Cultural Studies, Digital Studies, Native American and Indigenous Studies, and Women's and Gender Studies.

During the first year after admission, students will work to select one or two supervising professor(s) from within the Latin American Studies Graduate Studies Committee membership for their dissertation committee. The supervising professor(s) will serve as chair(s) of the dissertation committee and will be responsible for coordinating the program of study with the student and the Teresa Lozano Long Institute of Latin American Studies graduate advisor. The supervising professor must be from the academic area about which the work is being written. Coursework and other requirements for the degree are decided
upon jointly by the student, the dissertation committee char, and the graduate advisor.

## PhD Year 3: Advancing to Candidacy

Students are required to take comprehensive examinations and to defend their dissertation prospectus by the end of the third year in residence. Students are admitted to candidacy upon passage of written and oral examinations conducted by a three member examination committee. The three member examination committee must be comprised of members of the Latin American Studies Graduate Studies Committee and are chosen by the student in consultation with the mentor(s) and graduate advisor. A dissertation research proposal (i.e., the dissertation prospectus) must be submitted and be approved by the three-member examination committee no later than one semester after the student has successfully passed the comprehensive exams. Doctoral students in Latin American studies must prepare a dissertation prospectus of an interdisciplinary nature. Approval of the proposal requires defending it in an oral forum. More information regarding the doctoral examination and prospectus defense process can be found here.

## PhD Years 4 and 5: Research, Dissertation Writing, \& Defense

A dissertation committee of at least four professors will be selected by the student and the mentor before being approved by the graduate advisor and the Graduate School. This is required to complete the process of advancing to candidacy. Three of those members (including the dissertation chair) must be members of the Latin American Studies Graduate Studies Committee. The fourth member should be from a unit outside of Latin American Studies and could be either a faculty at UTAustin or elsewhere (i.e., pending approval of dissertation chair and graduate advisor). Once the student has advanced to candidacy, the remaining of the doctoral program is centered on the preparation of the dissertation.

The dissertation format must be in accordance with the Graduate School requirements and must also be approved by all members of the dissertation committee. Doctoral students who wish to write a dissertation in a language other than English must consult with their mentor(s) and the graduate advisor before submitting a formal petition to the Graduate School.

Students are expected to develop a high level of competence in reading and speaking in Spanish, Portuguese, or an indigenous language. They must also attain reading-level competence in another language appropriate to the program of study and approved by the dissertation committee and graduate advisor.

Additional details on both the master's and the doctoral degree program are available here or from the graduate advisor.

Examples on previous theses and dissertations produced by the Latin American Studies program can be found here.

## Dual Degree Master's Programs

The Teresa Lozano Long Institute of Latin American Studies offers the following dual degree programs. More information is available here.

| Major(s) | Degree(s) |
| :--- | :--- |
| Business administration | Master of Business |
|  | Administration |
| Communication studies | Master of Arts |


| Community and regional planning | Master of Science <br> in Community and <br> Regional Planning |
| :--- | :--- |
| Global policy studies | Master of Global <br> Policy Studies |
| Information studies | Master of Science in <br> Information Studies |
| Journalism and media | Master of Arts |
| Law | Doctor of <br> Jurisprudence |
| Public affairs | Master of Public <br> Affairs |
| Radio-television-film | Master of Arts <br> Social Work |

## Linguistics

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Sherri and Robert L. Patton, Jr. Hall (RLP) 4.304, phone (512) 471-1701, fax (512) 471-4340; campus mail code: B5100

Mailing address: The University of Texas at Austin, Graduate Program, Department of Linguistics, 305 East 23rd Street Stop B5100, Austin TX 78712

URL: http://liberalarts.utexas.edu/linguistics/

## Facilities for Graduate Work

The University Libraries have extensive collections in linguistics and related fields, in major world and regional languages, and in minority and indigenous languages. The Benson Latin American Collection houses a major archive of materials on or in indigenous and colonial languages of Latin America. The Archive of the Indigenous Languages of Latin America (AILLA) is a digital archive of original sound recordings and related documentary resources on indigenous languages of Latin America that is curated on campus.

Members of the department maintain laboratories for research in experimental phonetics and laboratory phonology, descriptive and documentary linguistics, psycho- and neurolinguistics, and signed language linguistics. The facilities of Information Technology Services and Liberal Arts Instructional Technology Services (LAITS) are among the most comprehensive at American universities.

The principal areas of study within the department (phonology and phonetics, syntax and semantics, descriptive and documentary linguistics, linguistics of signed languages, and computational linguistics) maintain active student-faculty research groups that sponsor colloquia, conferences, and/or reading groups. The department also hosts a general linguistics colloquium with outside and on-campus speakers. Conferences include the biennial Conference on Indigenous Languages of Latin America and two annual student-run conferences, the Texas Linguistics Society conference and the Symposium about Language and Society-Austin (SALSA).

The Department of Linguistics has close links, including cross-listed faculty members and courses, to such adjacent departments as Anthropology; Computer Science; Speech, Language, and Hearing Sciences; Philosophy; Psychology; Slavic and Eurasian Studies; English; Germanic Studies; Middle Eastern Studies; Mexican-American and

Latina/o Studies; French and Italian; Spanish and Portuguese, as well as area studies centers such as the South Asia Institute and the Teresa Lozano Long Institute of Latin American Studies.

## Areas of Study

Through its core courses, the Department of Linguistics provides every doctoral student a thorough foundation in phonetics, phonology, syntax, semantics, and linguistic field methods. The department has five primary research areas: computational linguistics, phonetics and phonology, syntax and semantics, documentary and descriptive linguistics (especially of Latin American languages), and signed language linguistics. The department also offers strong training in historical linguistics and psycho- and neurolinguistics. The faculty seek to give students broad training in linguistics alongside their eventual specialization in one or more subfields.

A student's Program of Work in linguistics may be combined with supporting work in other areas such as specific languages; anthropology; computer science; philosophy; psychology; statistics; or speech, language, and hearing sciences.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

## David I Beaver

John T Beavers
Megan J Crowhurst
Ashwini S Deo
Patience L Epps
Katrin E Erk
Johan A Kamp
Daniel A Law
Jessy Li

Fernando Llanos Lucas
Kyle Mahowald
Richard P Meier
Scott P Myers
David G Quinto-Pozos
Rajka Smiljanic
Stephen M Wechsler
Anthony C Woodbury

## Admission Requirements

Admission to graduate work is not necessarily restricted to those who have a Bachelor of Arts degree with a major in linguistics, although this background is recommended. A number of other fields can also provide valuable preparation.

## Degree Requirements, Linguistics

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

Candidates for the master's degree must complete 36 semester hours of coursework and submit a thesis or report for approval by a supervising committee.

The following coursework is required. A course used to fulfill requirement 1 or 2 may not also be used to fulfill requirement 3 .

1. Linguistics $380 \mathrm{~K}, 380 \mathrm{~L}, 380 \mathrm{M}, 381 \mathrm{M}$, and 385.
2. Six additional hours of research equivalencies (Linguistics 381 K , 381L, 389C, 389D, 389P, 389S, 389V, 395, any advanced course or non-core area course) in the primary area of interest.
3. Six hours in a minor area.
4. Linguistics 398R or 698.
5. The remaining six hours of coursework for the report option, or the remaining three semester hours for the thesis option, must be fulfilled by courses approved by the graduate advisor.

During the first year, students write a first-year paper in conjunction with a research course. During the second year, they write their master's report or thesis.

The department has no formal language requirement, but the faculty recommends that students have or acquire some familiarity with at least one language other than their native language.

## Doctor of Philosophy

Candidates for the doctoral degree in linguistics must complete the following courses. A course used to fulfill requirement 1 or 2 may not also be used to fulfill requirement 3 .

1. Linguistics $380 \mathrm{~K}, 380 \mathrm{~L}, 380 \mathrm{M}, 381 \mathrm{M}, 385$, and 397.
2. At least one research equivalency (Linguistics $381 \mathrm{~K}, 381 \mathrm{~L}, 389 \mathrm{C}$, 389D, 389P, 389S, 389V, 395, any advanced course or non-core area course, including approved courses in other departments) each semester during the first three years.
3. Six hours in a minor area.
4. The remaining 12 hours of coursework must be fulfilled by courses approved by the graduate advisor.

The minor area and research equivalency courses form a core part of the Program of Work which must be approved by the graduate advisor.

The department has no formal language requirement, but the faculty recommends that students have or acquire some familiarity with at least one language other than their native language.

Admission to candidacy. To qualify for admission to candidacy for the doctoral degree, a student must complete 54 semester hours approved for the Program of Work; complete first- and second-year research papers approved for the requirement by the graduate advisor; and submit a qualifying paper and have it approved by a faculty committee.

# Mexican American and Latina/o Studies 

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Gordon White Building (GWB) 2.102, phone (512)
471-4557, fax (512) 471-9639; campus mail code: F9200
Mailing address: The University of Texas at Austin, Graduate Advisor, Department of Mexican American and Latina/o Studies, 210 West 24th Street Inner Campus Drive Stop F9200, Austin TX 78712

E-mail: Ivg@austin.utexas.edu
URL: https://liberalarts.utexas.edu/mals/graduate/phd-program.php

## Facilities for Graduate Work

In the 1960s, Mexican American student activists at The University of Texas at Austin agitated for the creation of an academic program responsive to their lives, experiences, and ways of knowing. From their efforts, in 1970, UT Austin created the Center for Mexican American Studies (CMAS), with Américo Paredes named as its first director. Over the past fifty years, UT Austin has become an important scholarly center
for Mexican American, Chicano/a/x, and Latino/a/x Studies. What was once a small center borne of struggle is now the Center for Mexican American Studies (CMAS), the Latino Research Institute (LRI), and the Department of Mexican American and Latina/o Studies (MALS).

In addition to the expertise of the faculty, graduate students have access to the extensive resources of the Nettie Lee Benson Latin American Collection, the Mexican American Library Program, and the Harry Ransom Center. The University's Central Texas location also provides opportunities for field research within the growing Mexican American and Latina/o/x population across the Southwestern United States, and for research in Mexico, Central America, and the Caribbean as well.

## Areas of Study

The Department of Mexican American and Latina/o Studies (MALS) is comprised of faculty members whose teaching and research are at the forefront of innovation in multiple areas of study, including the following: immigration, borders, carcerality, race, language, gender, sexuality, class, public health, culture, indigeneity, performance, disability, and digital humanities.

The Doctor of Philosophy Degree is designed to prepare graduates not only for traditional academic employment in the field of Mexican American and Latina/o studies and related fields, but also for careers in the arts, advocacy and related professions in which advanced knowledge of Mexican American and Latina/o studies is crucial. Emphasis is placed on the knowledge, methods, and skills needed for scholarly teaching, original research, intellectual leadership, creative expression, and problem solving in both the interdisciplinary field of Mexican American and Latina/o/x Studies and in core disciplines identified by each student.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

## Chad Alvarez

Karma Ruth Chavez
Danielle P Clealand
Maria Eugenia Cotera
Richard R Flores
Rachel Valentina Gonzalez-Martin

Laura G Gutierrez
Michael Roy Hames Garcia
Belem G Lopez
Julie A Minich
Deborah Parra-Medina

## Admission Requirements

Applicants must meet the minimum requirements for graduate study at the University. An admissions committee composed of Graduate Studies Committee members in Mexican American and Latina/o studies also evaluates applications, giving preference to candidates who demonstrate a strong academic background and a clear sense of the areas they wish to pursue through the doctoral degree program.

## Degree Requirements, Mexican American and Latino/a Studies

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The Master of Arts (MA) degree is only open to students enrolled in the PhD degree program in Mexican American and Latina/o Studies. Details are available from the graduate advisor.

## Doctor of Philosophy

Students pursuing the Doctor of Philosophy degree are required to complete 45 credit hours of coursework including six credit hours of dissertation work. A coursework checklist can be found on the Department of Mexican American and Latina/o Studies website.

The PhD program requires completion of a minimum of 45 credit hours of coursework. With the approval of the Mexican American and Latina/ o Studies Graduate Studies Committee, this may include up to 33 credit hours of coursework completed in satisfaction of MA program requirements at UT Austin and up to 6 credit hours of graduate-level coursework transferred from another institution. Students must earn a minimum grade of $B(3.0)$ in all coursework taken in satisfaction of PhD program requirements.

Required Courses (not including dissertation) include: Mexican American Studies 395C, Theories in Mexican American and Latina/o Studies; and Mexican American Studies 395M, Interpretive Methods

Required Dissertation Courses include: Mexican American Studies 399W, Mexican American Studies 699W, and Mexican American Studies 999W.

Required for Students Seeking Employment as Assistant Instructors: Mexican American Studies 398T, Supervised Teaching in Mexican American and Latina/o Studies (may be taken outside the department with the permission of the graduate advisor when not offered in Mexican American and Latina/o Studies).

Elective courses ( 27 credit hours) are chosen in consultation with the student's primary advisor and the MALS graduate advisor.
Elective courses should satisfy the following requirements:1) At least 5 graduate-level courses offered by Mexican American and Latina/o Studies; 2) Up to 4 graduate-level courses offered by other departments or interdisciplinary programs/institutes; 3) One humanities course; and 4) One social science course.

Students with a master's degree from another institution may elect to take up to a maximum of six credit hours of conference coursework in preparation for the qualifying exam and Mexican American Studies 398T, Supervised Teaching in Mexican American and Latina/o Studies .

Students without a master's degree must write a master's report and take a Master's Report Course: Mexican American Studies 398R

Students entering the doctoral program without a master's degree may elect to take up to a maximum of nine credit hours of conference coursework in their third year to prepare for the qualifying exam.

All students must complete a qualifying exam prior to advancing to candidacy and continuing in the program. If a student does not pass the examination, they will not continue onto candidacy and their doctoral degree program will be terminated. If a student is given a conditional pass, they will have one month to make the corrections and/or edits requested by the committee. Failure to meet the one-month deadline or implement the requested changes will result in termination from the PhD program.

Before completing the program, all students must demonstrate competence in one language in addition to English (preferably Spanish, Portuguese, or a relevant Indigenous language) by means approved by the Graduate Studies Committee.

## Middle Eastern Languages and Cultures

## Doctor of Philosophy

The Department of Middle Eastern Studies administers the master's and doctoral degree programs in Middle Eastern Languages and Cultures.

## For More Information

Campus address: Calhoun Hall (CAL) 528, phone (512) 471-3881, fax (512) 471-7834; campus mail code: F9400

Mailing address: The University of Texas at Austin, Graduate Program, Middle Eastern Studies, 204 W 21 st Street, Stop F9400, Austin TX 78712

URL: https://liberalarts.utexas.edu/mes/index.php

## Facilities for Graduate Work

University library holdings on the Middle East form one of the leading collections in North America. These include over 200,000 items in Arabic, Hebrew, Persian, Turkish, Kurdish, Tajiki, and Azerbaijani, among other relevant languages of the region. The collection includes a comprehensive set of Western-language reference works, general texts, monographs, and essential journals (print and electronic) that support teaching at all levels, alongside a large body of more specialized books, periodicals, manuscripts, archival documents, and electronic resources serving the needs of advanced researchers. Among the collection's strengths are robust holdings of late $19^{\text {th }}$ - and early $20^{\text {th }}$ century Arabic periodicals; works of Islamic law; Arabic, Persian, and Azeri literature; a unique set of microfilms of Arabic manuscripts of the Zaydis of Yemen; Middle East banking ephemera; Iranian cinema and film studies; a virtually complete set of Turkish and Azerbaijani periodicals that forms a unique national resource; and more than 2,000 volumes of census records on Middle Eastern countries. Among our unique Israeli resources are cinema periodicals in print, the literary journal Iton 77 and the fanzine Queer Eye digital collections, a collection of publications (in Arabic) by the Palestinian Forum of Israel Studies based in Ramallah, and a collection of publications by the Zochrot NGO, Tel Aviv.

Electronic material supporting Middle Eastern studies is also extensive and includes electronic databases such as JSTOR and ATLA; the PerryCastañeda digitized map collection; the Encyclopedia of Islam; Geschichte der arabischen Litteratur and Brockelmann in English; Foreign Office Files for the Middle East; the Kotobarabia Arabic e-book collections; The Encyclopaedia Judaica; Encyclopedia of Jewish History and Culture, the Encyclopedia of Jews in the Islamic World and the Judaic Classics Library. The department has also donated to the main library a collection of approximately four thousand English-language books and reference works, some 10,000 digitized slides, and hundreds of films and periodicals. The Harry Ransom Center holds writers' personal papers, including those of T. E. Lawrence, Paul Bowles, Freya Stark, Richard Burton, and others with a special Middle Eastern connection. The Ransom Center has significant holdings relating to Judaica, including the Isaac Bashevis Singer Archive, the Leon Uris Archive, and a portion of the literary archive of Bernard Malamud. The Dolph Briscoe Center for American History holds the Development Communication Archive, donated by the federal Agency for International Development, which consists of more than 350 linear feet of original records on issues ranging from agriculture and the environment to health and community development; about a quarter of the documents cover Middle Eastern projects. University faculty members and students also have access to vast centralized resources such as the Center for Research Libraries' (CRL) collection in Chicago and the digital, full-text searchable CRL Alliance Global Press Archive with Eastview.

## Areas of Study

The Department of Middle Eastern Studies offers master's and doctoral degrees in Middle Eastern Languages and Cultures. At the doctoral level, students select a field of study from among the following: linguistics (theoretical linguistics or language pedagogy), literatures/cultures, history, Hebrew Bible/ancient Near East, or Islamic studies.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Kamran S Aghaie
Mahmoud M Al-Batal
Olla N Al-Shalchi
Kamran Ali
Samy Ayoub
Hina Azam
David P Birdsong
Pascale R Bos
Benjamin Claude Brower
Jason M Brownlee
Kristen Elizabeth Brustad
Mounira M Charrad
Rasha Diab
Emily L Drumsta
Patience L Epps
Caroline J Frick
Kathryn Fuller
Mohammad Ghanoonparvar
Karen Grumberg
Jo Ann Hackett
John Huehnergard
Syed A Hyder

Jonathan Kaplan
Mikiya Koyagi
Shanti Kumar
Mohammad A Mohammad
A Azfar Moin
Stephennie Mulder
Avigail Noy
Jeannette Okur
Athanasio Papalexandrou
Na'ama Pat-El
Esther L Raizen
Elizabeth Richmond-Garza
Jonathan Wyn Schofer
Sonia T Seeman
Faegheh S Shirazi
Nahid Siamdoust
Denise A Spellberg
Jeremi Suri
Thomas Levi Thompson
Bruce Wells
Hannah Chapelle Wojciehowski

## Admission Requirements

## Master of Arts

Offered by the Department for Middle Eastern Studies, the Master of Arts (MA) in Middle Eastern Languages and Cultures (MELC) is an interdisciplinary academic degree designed to broaden and deepen the student's knowledge of the languages and cultures of the Middle East prior to taking advanced PhD coursework. Courses taken at The University of Texas at Austin for the MA degree in MELC, but not the MA report or thesis courses, may count toward the hours required for the PhD. The MELC MA degree is to be taken as part of the MELC PhD program. It is not a terminal MA degree. Students who are interested in a terminal MA degree should consider the MA in Middle Eastern Studies offered by the Center for Middle Eastern Studies. The MA program in Middle Eastern Languages and Cultures is understood as a step in preparing students for the PhD. Students will not be admitted for the MA alone. The entering student must have a bachelor's degree from an accredited college or university.

## Doctor of Philosophy

In applying to the doctoral program in Middle Eastern Languages and Cultures, students select an area of study from among the following: linguistics (theoretical linguistics or language pedagogy), literatures/ cultures, history, Hebrew Bible/ancient Near East, or Islamic studies. Through the course of their studies, students develop methodological expertise in at least one of the following areas: textual analysis, literary theory, linguistic theory, cultural theory, or the theories and methodologies of historical inquiry. Because scholarship in Middle Eastern languages and cultures requires a high degree of language
proficiency, students normally complete a Master of Arts in the area of concentration before acceptance into the PhD program. In exceptional cases, the Graduate Admissions Committee may take extensive study outside of a master's program into account. For students specializing in a living language tradition, advanced proficiency in the language of concentration is required. Students focusing on the ancient Near East should have three years of Biblical Hebrew and either knowledge of Biblical Aramaic or experience with a second ancient Semitic language, as well as background in the critical study of the Hebrew Bible.

## Degree Requirements, Middle Eastern Languages and Cultures

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

Both the thesis and report options require 30 semester hours of coursework, which is to be chosen in consultation with the student's supervisor or the graduate advisor. The thesis option requires at least 24 semester hours of coursework, to be taken on a letter-grade basis, and six semester hours (Middle Eastern Studies 698A and 698B) of thesis coursework culminating in an approved thesis. The report option requires 27 semester hours of coursework, to be taken on a letter-grade basis, and three semester hours (Middle Eastern Studies 398R) of report coursework culminating in an approved report.

All students are expected to maintain a minimum 3.50 grade point average in order to remain in good standing. Failure to maintain this minimum average will result in a warning letter and one semester of probation, during which time the student is expected to return to a minimum 3.50 average. The program has the discretion to dismiss students who are unable to meet this requirement after one additional semester.

## Doctor of Philosophy

The program is designed to increase the breadth and depth of the student's knowledge and to develop a capacity for independent scholarly research. The courses required are determined by the student's interests in consultation with the doctoral supervisor.

The aim of the program is to educate and mentor scholars and teachers of the languages and cultures of the Middle East with the depth to support a sustained research career and the breadth to teach a range of courses on Middle Eastern topics. Students learn to design and execute research projects that will help redefine the frontiers of discovery in their field. Teaching experience helps prepare them to communicate new knowledge to experts and non-experts alike.

In applying to the program, students select an area of study from among the following: linguistics (theoretical linguistics or language pedagogy), literatures/cultures, history, Hebrew Bible/ancient Near East, or Islamic studies. Through the course of their studies, they develop methodological expertise in at least one of the following areas: textual analysis, literary theory, linguistic theory, cultural theory, or the theories and methodologies of historical inquiry. During their first year, incoming students choose or are assigned a faculty mentor with whom they plan to work in their major field. This mentor oversees the student's selection of courses for registration and the design of the student's course of study. Students are also encouraged to seek the advice of other faculty members in the program on their studies and their progress.

Students must develop a mastery of at least one major Middle Eastern language and must demonstrate scholarly research skills and potential. A period of study abroad in the region of specialization is strongly recommended for students of living languages. Study of a second Middle Eastern language is strongly encouraged, and competency in a research language (typically German or French) is required. Doctoral candidates are also expected to present papers at academic or professional conferences before graduation.

PhD students normally take three years of coursework beyond the master's degree. Before taking the comprehensive examinations, each student must demonstrate, through formal testing, proficiency in the language required by their major field. Reading knowledge in one research language (typically German or French) is required and must be demonstrated by passing a reading test administered by the department.

To be admitted to candidacy for the degree, the student must pass comprehensive written and oral examinations. The purpose of the examinations is to certify that the student has sufficient knowledge for an academic career, and has the skills and abilities required to complete a doctoral dissertation. Examinations are normally taken during the fourth year of the program.

After passing these examinations, candidates set up a dissertation committee with the help of their supervisor. This committee approves the dissertation prospectus as a prerequisite to candidacy, guides the student in writing and revising the dissertation, and administers the final oral dissertation defense.

All students are expected to maintain a minimum 3.50 grade point average in order to remain in good standing. Failure to maintain this minimum average will result in a warning letter and one semester of probation, during which time the student is expected to return to a minimum 3.50 grade point average. The program has the discretion to dismiss students who are unable to meet this requirement after one additional semester.

## Middle Eastern Studies

Master of Arts

The Center for Middle Eastern Studies administers the master's degree in Middle Eastern studies.

## For More Information

Campus address: Calhoun Hall (CAL) 528, phone (512) 471-3881, fax (512) 471-7834; campus mail code: F9400

Mailing address: The University of Texas at Austin, Graduate Program, Middle Eastern Studies, 204 W 21 st Street Stop F9400, Austin TX 78712

URL: https://liberalarts.utexas.edu/mes/index.php

## Facilities for Graduate Work

University library holdings on the Middle East form one of the leading collections in North America. These include over 200,000 items in Arabic, Hebrew, Persian, Turkish, Kurdish, Tajiki, and Azerbaijani, among other relevant languages of the region. The collection includes a comprehensive set of Western-language reference works, general texts, monographs, and essential journals (print and electronic) that support teaching at all levels, alongside a large body of more specialized books, periodicals, manuscripts, archival documents, and electronic resources serving the needs of advanced researchers. Among the collection's strengths are robust holdings of late $19^{\text {th }}$ - and early $20^{\text {th }}-$ century Arabic periodicals; works of Islamic law; Arabic, Persian, and Azeri literature; a unique set of microfilms of Arabic manuscripts of the

Zaydis of Yemen; Middle East banking ephemera; Iranian cinema and film studies; a virtually complete set of Turkish and Azerbaijani periodicals that forms a unique national resource; and more than 2,000 volumes of census records on Middle Eastern countries. Among our unique Israeli resources are cinema periodicals in print, the literary journal Iton 77 and the fanzine Queer Eye digital collections, a collection of publications (in Arabic) by the Palestinian Forum of Israel Studies based in Ramallah, and a collection of publications by the Zochrot NGO, Tel Aviv.

Electronic material supporting Middle Eastern studies is also extensive and includes electronic databases such as JSTOR and ATLA; the PerryCastañeda digitized map collection; the Encyclopedia of Islam; Geschichte der arabischen Litteratur and Brockelmann in English; Foreign Office Files for the Middle East; the Kotobarabia Arabic e-book collections; The Encyclopaedia Judaica; Encyclopedia of Jewish History and Culture, the Encyclopedia of Jews in the Islamic World and the Judaic Classics Library. The department has also donated to the main library a collection of approximately four thousand English-language books and reference works, some 10,000 digitized slides, and hundreds of films and periodicals. The Harry Ransom Center holds writers' personal papers, including those of T. E. Lawrence, Paul Bowles, Freya Stark, Richard Burton, and others with a special Middle Eastern connection. The Ransom Center has significant holdings relating to Judaica, including the Isaac Bashevis Singer Archive, the Leon Uris Archive, and a portion of the literary archive of Bernard Malamud. The Dolph Briscoe Center for American History holds the Development Communication Archive, donated by the federal Agency for International Development, which consists of more than 350 linear feet of original records on issues ranging from agriculture and the environment to health and community development; about a quarter of the documents cover Middle Eastern projects. University faculty members and students also have access to vast centralized resources such as the Center for Research Libraries' (CRL) collection in Chicago and the digital, full-text searchable CRL Alliance Global Press Archive with Eastview.

## Areas of Study

Offered by the Center for Middle Eastern Studies (CMES), the Master of Arts (MA) in Middle Eastern studies (MES) is an interdisciplinary academic degree designed to broaden and deepen the student's knowledge of the Middle East and its languages. The MES MA degree is a terminal MA degree. It may be undertaken in the context of one of seven dual degree programs that allow graduate students to simultaneously earn an MA in MES and a second degree from one of UT's professional schools. MA degree requirements are the same for all MES MA students, whether or not they pursue a dual degree. There is a good deal of flexibility in meeting degree requirements; each student, in consultation with the graduate advisor, designs an individual program within the framework of the requirements described in Degree Requirements (p. 135). Many students in this program enter careers in academia, business, communication, government, global policy studies, public affairs, information studies, law, and the military.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Ari Adut
Kamran S Aghaie
Olla N Al-Shalchi
Kamran Ali
Germine Gigi Awad
Samy Ayoub
Hina Azam
Zoltan D Barany
Benjamin Claude Brower
Jason M Brownlee
Mounira M Charrad
Rasha Diab
Emily L Drumsta
David J Eaton
Karen Grumberg
Geraldine Heng
Syed A Hyder
Jonathan Kaplan
Mikiya Koyagi

Mohammad A Mohammad A Azfar Moin
Stephennie Mulder
Mary C Neuburger
Avigail Noy
Jeannette Okur
Thomas G Palaima
Athanasio Papalexandrou
Na'ama Pat-El
Esther L Raizen
Sonia T Seeman
Faegheh S Shirazi
Nahid Siamdoust
Denise A Spellberg
Jeremi Suri
Thomas Levi Thompson
Alexander Ariel Weinreb
Bruce Wells

## Admission Requirements Master of Arts

Students seeking admission to the MA in MES must have a BA from an accredited college or university. Students seeking admission to a Dual Degree program must apply to both CMES and the second academic unit for admission, and undergo admissions evaluations by both units. Dual degree students typically spend a third year at CMES (or a fourth, in the case of the dual degree in Law).

## Degree Requirements, Middle Eastern Studies

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

This program consists of at least 30 semester hours, including a six-semester-hour thesis; or at least 33 semester hours, including a three-semester-hour report. With the exception of Middle Eastern Studies 698A, 698B, and 398R, all courses must be taken on the letter-grade basis. For the 30 -semester-hours thesis option, students complete 12 semester hours of Middle Eastern studies graduate coursework, six hours of intermediate to advanced Middle Eastern language coursework, up to six semester hours of concentration coursework relevant to their thesis, and six semester hours of thesis. For the 33-semesterhours report option, students complete 15 hours of Middle Eastern studies coursework, six hours of intermediate to advanced Middle Eastern language courses, up to nine semester hours of concentration coursework relevant to their report, and three semester hours of report.

For administrative purposes, a coursework option is available to dualdegree students who are required by their other graduate program to take the 698A and 698B courses, or 398R course, so that the student does not need to complete two theses, two reports, or one thesis/one report. In such cases, a Center for Middle Eastern Studies Graduate Studies Committee member must still serve as either the supervisor, cosupervisor, or second reader.

Language requirement (six semester hour minimum): The student must complete either two upper-division or graduate-level courses in one modern Middle Eastern language while enrolled in the degree program.

These two courses shall be applied to the Middle Eastern studies major area coursework requirement. Students who are native speakers of a Middle Eastern language must complete these courses in a different modern Middle Eastern language than their native language.

All students are expected to maintain a minimum 3.50 grade point average in order to remain in good standing in the program. Failure to maintain this minimum average will result in a warning letter and one semester of probation, during which time the student is expected to return to a minimum 3.50 grade point average. The program has the discretion to dismiss students who are unable to meet this requirement after one additional semester.

## Dual Degree Programs

The Center for Middle Eastern Studies offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Business administration | Master of Business <br> Administration |
| Global policy studies | Master of Global <br> Policy Studies |
| Information studies | Master of Science in <br> Information Studies |
| Journalism and media | Master of Arts |
| Law | Doctor of <br> Jurisprudence |
| Public affairs | Master of Public <br> Affairs |
| Radio-television-film | Master of Arts |

## Philosophy

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Waggener Hall (WAG) 329, phone (512) 471-6093, fax (512) 471-4806; campus mail code: C3500

Mailing address: The University of Texas at Austin, Graduate Program, Department of Philosophy, 2210 Speedway Stop C3500, Austin TX 78712

E-mail: graduatephilosophy@austin.utexas.edu
URL: http://liberalarts.utexas.edu/philosophy/

## Areas of Study

The Department of Philosophy offers areas of concentration across the discipline and offers special programs in cooperation with other departments: (1) ancient philosophy, with the Department of Classics; (2) history and philosophy of science, with the Department of History; and (3) philosophy and cognitive science, with the Departments of Linguistics, Psychology, and Computer Science. For descriptions of these programs, students should consult the graduate advisor.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

David I Beaver
Daniel A Bonevac
Lawrence Ray Buchanan
J Budziszewski
Jonathan Dancy
John Deigh
Joshua Dever
Sinan Dogramaci
Julia L Driver
Daniel Drucker
Katherine Laura Dunlop
Matthew L Evans
Robert J Hankinson
Kathleen M Higgins
Cory F Juhl
Robert C Koons

## Degree Requirements, Philosophy

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The master's degree program with report requires completion of Philosophy 384F and 398R, and 27 additional semester hours of graduate coursework in philosophy or 21 additional semester hours of graduate coursework in philosophy and six hours of upper-division or graduate coursework in a supporting subject. The master's degree program with thesis requires completion of 30 hours of graduate coursework in philosophy, or 24 hours of graduate coursework in philosophy including Philosophy 698 and six hours of upper-division or graduate coursework in a supporting subject.

## Doctor of Philosophy

In addition to the general requirements given in Degree Requirements (p. 21), the requirements for the doctoral degree are as follows:

1. Philosophy 384F and 389, completed in the first year of graduate study.
2. A graduate course in each of the following: history of philosophy (any period up to or including Kant), metaphysics and epistemology, and ethics.
3. Philosophy 398T, a one-semester teaching internship.
4. Five additional graduate courses in philosophy.
5. Proficiency in a language other than English, or two additional graduate seminars in philosophy, or two additional upper-division or graduate seminars in a related area approved by the Graduate Studies Committee chair. Proficiency in a foreign language may be shown by completion of four semesters of coursework, or the equivalent, either before or after admission to the program.
6. Completion and defense of a dissertation prospectus, by the end of the third year.
7. Completion and defense of a dissertation.

## Psychology

## For More Information

Campus address: Sarah M. and Charles E. Seay Building (SEA) 3.210, phone (512) 471-6398, campus mail code: A8000

Mailing address: The University of Texas at Austin, Department of Psychology, Graduate Program, 108 East Dean Keeton A8000, Austin TX 78712

Email: psygradoffice@austin.utexas.edu
URL: http://liberalarts.utexas.edu/psychology/

## Facilities for Graduate Work

The Department of Psychology is located in the Sarah M. and Charles E. Seay Building. State-of-the-art computer networking is integrated into the building; there are computer facilities, computerized laboratories, and technological support for students and faculty members. Laboratory facilities include environmental control of sound, light, and temperature, with vibration-free areas for auditory and vision research. A number of specialized research centers are located in the building, including the Children's Research Center, the Center for Perceptual Systems, the Institute for Mental Health Research, and the Clinical Training Clinic.

The Biomedical Imaging Center (BIC), located in the Norman Hackerman Building, and in the Health and Discovery Building at the Dell Medical School, is an interdisciplinary, multi-methods facility specializing in noninvasive neuroimaging. The core of the center are two Siemens 3T MRI scanners used by many researchers for studies of human perception, memory, decision-making, and behavior. Unique emphases at the BIC include a strong connection to supercomputing resources at the Texas Advanced Computing Center (TACC), real-time fMRI, high-resolution / 3D visual presentation, and support for developmental studies. The facility also contains a number of resources for imaging in model systems, as well as imaging-informed fabrication and machining.

Graduate students and faculty members in the Department of Psychology participate in research programs with graduate students and faculty members in the Department of Human Development and Family Sciences, also housed in the Seay Building, and in many other fields, including biological sciences, communication, computer science, educational psychology, kinesiology, linguistics, pharmacy, and sociology. The Hogg Foundation for Mental Health and the Waggoner Center for Alcohol and Addiction Research provide additional collaborative opportunities.

## Areas of Study

Graduate work is offered in the following areas of specialization: behavioral neuroscience; clinical psychology; cognition, brain and behavior; developmental psychology; individual differences and evolutionary psychology; perception, brain, and behavior; and social and personality psychology; Students are admitted for graduate work in one of these areas. Students in any of these areas may also complete a neuroimaging track in psychology or the portfolio in applied statistical modeling. The program in clinical psychology has been approved by the Commission on Accreditation of the American Psychological Association (APA) and the Psychological Clinical Science Accreditation System (PCSAS). The program in general psychology is a STEM Designated Degree Program, as identified by the Department of Homeland Security for purposes of the 24-month STEM optional practical training extension.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Jennifer S Beer
Christopher G Beevers
David M Buss
Caryn L Carlson
Frances Anne Champagne
Jessica Alice Church-Lang
Alexandra L Clark
Lawrence K Cormack
James Patrick Curley
Kaya de Barbaro
Yvon Delville
Juan M Dominguez
Michael P Domjan
Audrey Duarte
Joseph Edward Dunsmoor Jr Catharine H Echols
Kim Fromme
Andrew David Gaudet
Bertram Gawronski
Wilson S Geisler III
David L Gilden
F Gonzalez-Lima
Andrea C Gore
Robbe Lieve Theofiel Goris
Samuel D Gosling
Zenzi Margareta Griffin
Andreana P Haley
Kathryn Paige Harden
Mary Myleen Hayhoe
Marlone Deshaun Henderson

## Degree Requirements, Psychology

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The psychology graduate program is designed primarily to lead to the degree of Doctor of Philosophy. Students intending to earn the doctoral degree may enroll for the Master of Arts with special permission. The department does not admit students solely for a Master's degree. The department's requirements for the Master of Arts are 30 hours of coursework, including Psychology 384M; one course from two of the core content groups (the core content groups are available on the Department of Psychology website); at least two thesis courses (Psychology 698A and 698B); and fulfillment of the general requirements of the Graduate School. An empirical thesis is required.

## Doctor of Philosophy

Graduate training in the Department of Psychology is flexible and every effort is made to permit students to take courses that fit their own interests and professional goals. Students may engage in considerable work in computer sciences, biology, sociology, mathematics, or other fields. All graduate students must complete at least two advanced statistics courses, one to be taken during the first year, an ethics course, coursework in their area of specialization, research hours, dissertation courses, and three core courses from at least two of the following core content groups: (1) behavioral neuroscience/psychopharmacology;
(2) cognitive/perceptual systems; (3) social/developmental/clinical/ evolutionary psychology. One core course must be taken the first year;
the remaining requirements must be fulfilled during the first three years. Students are expected to maintain a 3.0 (B average) in all coursework and must complete up to 99 hours for the PhD in Psychology.

In addition, students are expected to participate in professional development. This includes participation in seminars, workshops, research, and teaching positions. It is also expected that students attend annual conferences and present on their research.

Clinical students complete additional coursework specific to Clinical training as governed by the American Psychology Association. They are also expected to complete an internship and to demonstrate ultimate suitability for the practice of professional psychology. Upon confirmation of completion of degree requirements in clinical psychology, the following will appear on the clinical students' transcripts: name of the internship, location (city and state), start and end dates, and if it was accredited by the American Psychological Association Commission on Accreditation (Per the Association of State and Provincial Psychology Boards (ASPPB)).

Students are formally evaluated by the entire faculty at the end of the first year. This evaluation is based on the student's performance in the first-year core courses and other coursework, demonstration of research aptitude, and potential for professional competence. In subsequent years, students are evaluated annually and expected to demonstrate competence in their area of specialization, develop research skills, and develop professional skills.

The department's general requirements for the doctoral degree include completion of the core courses and other appropriate courses, research, completion of area requirements, and preliminary and final oral examinations related to a dissertation that gives evidence of the student's ability to carry out independent investigation in the major field.

## Religious Studies

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Burdine Hall (BUR) 530, phone (512) 232-7737; campus mail code: A3700

Mailing address: The University of Texas at Austin, Graduate Program, Department of Religious Studies, 2505 University Avenue Stop A3700, Austin TX 78712

URL: http://liberalarts.utexas.edu/rs/graduate/
E-mail: RSGradCoord@austin.utexas.edu

## Facilities for Graduate Work

Graduate students in religious studies have access to significant collections of research materials in a number of fields. The PerryCastañeda Library houses nearly two hundred thousand volumes cataloged under categories pertaining to religious studies. The University Libraries also have extensive microfilm and microfiche holdings of document collections and provide access to important online collections of source materials. University Libraries' substantial holdings in history, classics, sociology, anthropology, Asian studies, and Middle Eastern studies are invaluable to students studying religion. Special collections in the Harry Ransom Center, the Benson Latin American Collection, and the Dolph Briscoe Center for American History also offer opportunities for research.

## Areas of Study

Students develop specialization in areas of concentration that are defined geographically, historically, or in some cases, methodologically. In all areas of concentration, students study the development of and interactions between religious phenomena in their particular cultural and historical contexts, and they use relevant theories and methodologies to understand these phenomena. Students define their major, supporting, and thematic fields within their area(s) of concentration.

Students take a set of required courses established by each of these concentrations and fields in order to develop the research and interpretative skills necessary for original research and to learn the contextual knowledge necessary for understanding religion within a particular geographical and chronological framework.

The four areas of concentration are Religion in the Ancient Mediterranean, Religion in the Americas, Religion and Society, and Religions in History.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Hina Azam
Joel P Brereton
Khytie Brown
Virginia Garrard Burnett
Matthew J Butler
Ashley Coleman Taylor
Jonathan Crosson
Donald R Davis Jr
Alison K Frazier
Oliver Freiberger
Steven J Friesen
Jennifer Graber

```
Courtney Handman
Syed A Hyder
Jonathan Kaplan
Mallory Emiko Matsumoto
A Azfar Moin
Martha G Newman
Jonathan Wyn Schofer
Chad Eugene Seales
Geoffrey Smith
Denise A Spellberg
John W Traphagan
Bruce Wells
```


## Degree Requirements, Religious Studies

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

To obtain the master's degree in religious studies, students must complete a total of 30 semester hours: either 27 hours of coursework and a three-hour report; 24 hours of coursework and a six-hour thesis; or 30 hours of coursework with no thesis or report. Students who wish to pursue the no-thesis, no-report degree option must obtain approval in advance from the Department of Religious Studies. Prior graduate coursework will be taken into consideration. All students must complete at least 18 semester hours of graduate coursework in religious studies. No more than six hours of upper-division undergraduate credit may be counted toward the degree. All students must complete a theory and methods course (Religious Studies 383M) and must participate in departmental and concentration colloquia.

Students also complete the core courses required for their area of specialization. Specific course numbers are available from the office of the graduate coordinator.

In addition, in consultation with a faculty advisor, each student identifies a related field outside the major field in which to complete six hours of graduate coursework. This coursework may be either from outside the department or in another area of religious studies. The related field must be approved by representatives of the Graduate Studies Committee.

Each student's progress is reviewed after the fourth semester of study by the Graduate Studies Committee. This committee makes one of three recommendations: that the student (1) proceed to the doctoral degree requirements upon satisfactory completion of the master's degree requirements; (2) be reviewed again before proceeding to the doctoral degree requirements; or (3) leave the program.

## Doctor of Philosophy

A doctoral student in religious studies must complete 60 semester hours of coursework, including the doctoral seminar in religious studies (Religious Studies 384D), dissertation research and writing courses, and additional courses related to the student's concentration. Courses taken to complete the master's degree requirements (except for the master's report or thesis) also count toward the total number of hours. Students who enter with a master's degree from another institution may petition to have up to six hours of coursework (not including the thesis hours) transferred toward the doctoral requirements. While in residence, doctoral students must participate in the departmental and concentration colloquia.

Students enter the program having chosen one of the four areas of concentration. They must fulfill the foreign language requirements for the concentration. In addition, each student identifies a thematic topic that crosses geographical and temporal boundaries and completes other courses necessary for exam preparation. Each student's progress is reviewed during the eighth semester of study, at which time it is normally expected that the student has been admitted to doctoral candidacy.

To qualify for admission to candidacy for the doctoral degree, students must complete the prescribed course of study in the concentration area and pass qualifying exams in four fields: (1) the major field; (2) the supporting field(s); (3) the thematic field; and (4) the special topic or dissertation field. The exams consist of written essays for each field and an oral defense of the essays. Candidacy is also contingent upon regular participation in the departmental and concentration colloquia, as certified by the graduate advisor. To file for doctoral candidacy, the student must establish a dissertation committee and have a dissertation proposal accepted by the committee. Students then write the dissertation and defend it in a final oral examination before the dissertation committee. Students are expected to write the dissertation, have it approved, and pass the final oral examination within two years of admission to candidacy.

## Russian, East European, and Eurasian Studies

Master of Arts

## For More Information

Campus address: Burdine Hall (BUR) 452, phone (512) 471-3607, fax (512) 471-6710; campus mail code: F3600

Mailing address: The University of Texas at Austin, Graduate Program, Center for Russian, East European, and Eurasian Studies, 2505 University Avenue, Stop F3600, Austin TX 78712

## Facilities for Graduate Work

The University Libraries contain about 80,000 volumes and excellent supporting material on Russia and Eastern Europe. The Harry Ransom Center holds important original documents, including the Alexander Kerensky papers and collections on Soviet history and literature. The Population Research Center houses extensive census data for Eastern Europe and the former Soviet Union, dating back to the Russian census of 1897. The Audio Visual Library in the Fine Arts Library has several hundred films and video recordings from Russia, Eastern Europe, and Eurasia. The Lyndon B. Johnson Presidential Library and Archive holds millions of pages of state documents, many of which relate to Cold War diplomacy, arms control, East-West trade, and major historical events like the 1968 Prague Spring.

The Center for Russian, East European, and Eurasian Studies Resource Center houses about five hundred books and journals on the region, as well as audio and video recordings. More than sixty faculty members regularly teach courses dealing with Russia, Eastern Europe, and Eurasia.

## Areas of Study

The Master of Arts in Russian, East European, and Eurasian studies is a two-year, multidisciplinary program that offers advanced scholarly training for students who seek integrated knowledge of the language, history, society, and culture of the former Soviet Union and Eastern/ Central/Southeast Europe, or one or more of their subareas. The program is designed for students preparing for careers in the professions and for those seeking an intermediate, interdisciplinary master's degree before pursuing a doctorate in a particular discipline. Within the requirements of the program, students may choose an individual course of study to meet their needs, with a broader choice of courses than is possible in a traditional disciplinary master's degree program.

The program of study may involve work in any of the following academic disciplines: anthropology; architecture; art history; business; comparative literature; economics; European studies; geography; government; history; law; linguistics; Middle Eastern studies; music; philosophy; public affairs; radio-television-film; Russian, East European and Eurasian studies; and sociology.

Candidates for the degree are expected to acquire extensive knowledge of the country or countries of their specialization, as well as working competence in one of the region's languages.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Kiril Avramov
Zoltan D Barany
Vladislav Beronja
Craig A Campbell
David J Eaton
James K Galbraith
Thomas Jesus Garza
Sabine Hake
Alan J Kuperman
Mark A Lawrence
Tatjana Lichtenstein
Amy H Liu
Keith A Livers

Robert G Moser
Joan H Neuberger
Mary C Neuburger
Chelsi West Ohueri
Petar Petrov
Lorinc Redei
Jason Edward Roberts
Steven Seegel
Maria Sidorkina
Jeremi Suri
Danilo F Udovicki
Rachel Wellhausen
Charters S Wynn

URL: http://liberalarts.utexas.edu/slavic/graduate/about.php

## Admission Requirements

Applicants must have a bachelor's degree in any field from an accredited college or university. Preferred qualifications include significant course work on and/or professional experience in the former Soviet Union or East/Central/Southeast Europe, and/or intermediate low proficiency in at least one of the languages spoken in the region.

## Degree Requirements, Russian, East European, and Eurasian Studies

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The program requirements are designed to give students a broad background in the area of Russian, East European, and Eurasian studies. Master's candidates may choose the thesis option, consisting of at least 31 semester hours of coursework (including the thesis); or the report option, consisting of at least 34 semester hours (including the report).

Under either option, at least 18 hours must be in non-language graduate coursework that deals primarily with the region of Russia, Eastern Europe, and Eurasia. Requirements include the interdisciplinary core course, Russian, East European, and Eurasian Studies 381 and the Master's Writing Colloquium (Russian, East European, and Eurasian Studies 189). Additionally, each student must take at least one course from each of the following categories:

- Topics in Literature and Culture (Russian, East European, and Eurasian Studies 386);
- Topics in History, Economics, and Government (Russian, East European, and Eurasian Studies 387);
- Topics in Sociology, Geography, and Anthropology (Russian, East European, and Eurasian Studies 388); and
- a methodology or theory course from a list of approved courses.

All courses counted toward the degree must have content relevant to the former Soviet Union or East/Central/Southeast Europe. The student must pass an oral proficiency test in the selected language at the Interagency Language Roundtable (ILR) level 1+ or the American Council of Teachers of Russian intermediate-mid level. Credit earned in fulfilling the language requirement may not be counted toward the degree, since language competence is a necessary tool for graduate study in Russian, East European, and Eurasian studies; however, content courses taught in a foreign language at the advanced level (fourth year or above) may be counted as electives courses towards the MA degree.

## Dual Degree Programs

The Center for Russian, East European, and Eurasian Studies offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Business administration | Master of Business |
|  | Administration |
| Global policy studies | Master of Global |
|  | Policy Studies |


| Law | Doctor of <br> Jurisprudence |
| :--- | :--- |
| Public affairs | Master of Public <br> Affairs |
| Radio-television-film | Master of Arts |

## Sociology

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Robert L. Patton Hall (RLP) 3.306, phone (512) 232-6300, fax (512) 471-1748; campus mail code: A1700

Mailing address: The University of Texas at Austin, Graduate Program, Department of Sociology, 305 East 23rd Street Stop A1700, Austin TX 78712

E-mail: tfawcett@austin.utexas.edu
URL: http://liberalarts.utexas.edu/sociology/

## Facilities for Graduate Work

The Department of Sociology at The University of Texas at Austin is one of the top graduate programs in the country. Its 40 faculty members are involved in research and publication on a broad range of topics. Among the department's specialties are gender; race/ ethnicity; demography; family; health; poverty and inequality; political sociology/development and globalization; and work, occupations, and organizations. Graduate students receive instruction in the full range of sociological methodologies, including comparative/historical methods, ethnographic fieldwork, and quantitative data analysis. Professionalization courses include formal instruction on publishing, presenting papers at professional conferences, and teaching. The department has housed a number of prominent journals, including Gender \& Society, The Journal of Health and Social Behavior, and the Latin American Research Review. Faculty members serve key roles in a number of national and international professional societies, including the American Sociological Association and the Population Association of America.

The Department of Sociology is located in Robert L. Patton Hall (RLP), which also houses the innovative Urban Ethnography Lab and the Population Research Center (PRC), one of the preeminent demographic research and training centers in the United States. Research grant and fellowship opportunities are available through the PRC. The research foci of the PRC include children, youth, and families; population health; religion and demographic processes; and Latin American and border demography. Both the Department of Sociology and the PRC have computer laboratories, data archives, and a weekly lecture series. There are also opportunities for students to receive travel and fellowship funds to support their work.

Faculty and students are also affiliated with the Center for Women's and Gender Studies (CWGS), which provides graduate students with the opportunity to receive a certification in women's studies. Many sociology students present their original research at the annual CWGS graduate student conference. Other centers on campus provide research and teaching opportunities for sociology graduate students, including the Warfield Center for African and African American Studies, the Department of Mexican American and Latino/a Studies, the Center for Asian American Studies, the Center for Middle Eastern Studies, the

Schusterman Center for Jewish Studies, and the Teresa Lozano Long Institute of Latin American Studies.

## Areas of Study

Graduate study is offered in theory; education; health; family; race and ethnicity; gender; political sociology, development and globalization; crime, law, and deviance; demography; and work, occupations, and organizations.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Ari Adut
Jacqueline L Angel
Ronald J Angel
Javier Auyero
Sarah Brayne
Simone Arlene Browne
Johnny S Butler
Shannon Eileen Cavanagh
Mounira M Charrad
Jacob Earl Cheadle
Wenhong Chen
Diane L Coffey
Robert Crosnoe
Toni L Falbo
Daniel G Fridman
Elizabeth Thompson Gershoff
Jennifer Glass
Gloria Gonzalez-Lopez
Bridget Jeaneen Goosby
Mark D Hayward
Yasmiyn Irizarry
William R Kelly
Ken-Hou Lin
Leticia Junqueira Marteleto
Chandra L Muller
Dhiraj Murthy
Marc A Musick

Pamela Marie Paxton
Elizabeth M Pettit
Joseph Earl Potter
Daniel A Powers
Tetyana Pudrovska
Kelly Raley
Robert L Reece
Mark Regnerus
Catherine Riegle-Crumb
Nestor P Rodriguez
Mary Rose
Sharmila Rudrappa
Stephen Russell
Lauren Schudde
Harel Shapira
Eric Tang
Kevin J Thomas
Debra J Umberson
Paul Von hippel
Peter Ward
Samuel C Watkins
Alexander Ariel Weinreb
Abigail Weitzman
Kari L White
Christine L Williams
Michael P Young

## Degree Requirements, Sociology

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

Students typically earn the Master of Arts in the course of work leading to a doctoral degree, rather than as an end in itself. The master's degree requires 30 semester hours of graduate work, including six hours in the thesis course. The coursework must include: two courses in social statistics, one in research methods, two in theory and three sociology elective courses. The degree program usually takes two years. Students often enter the graduate program with a master's degree from another institution. Such students must take the required courses at the University or transfer credit for them as described in Degree Requirements (p. 21).

## Doctor of Philosophy

The doctoral program requires at least 42 semester hours of graduate coursework, including two dissertation courses. The coursework
requirements include the 24 semester hours of work required for the master's degree and a variety of methodological and substantive courses in sociology. Specific course requirements may vary depending on the demography or the non-demography program of work. Additional information is available from the department.

To be admitted to candidacy for the doctoral degree, the student must have completed all master's degree requirements and the doctoral course requirements, must pass a comprehensive examination in an area of specialization, and must defend a dissertation proposal. The degree is awarded after completion and defense of the dissertation. Most students need three or four years beyond the master's degree to complete the doctorate.

# Women's and Gender Studies 

Master of Arts

## For More Information

Campus address: Burdine Hall (BUR) 536, phone (512) 471-5765, fax (512) 475-8146; campus mail code: A4900

Mailing address: The University of Texas at Austin, Graduate Program, Center for Women's and Gender Studies, 2505 University Avenue Stop A4900, Austin TX 78712

E-mail: cwgs@austin.utexas.edu
URL: https://liberalarts.utexas.edu/cwgs/graduate/index.php
The mission of the Center for Women's, Gender and Sexuality Studies (CWGS) at The University of Texas at Austin is to promote research, teaching, and learning that centers the categories of gender and sexuality, recognizing that experiences of gender and sexuality are also inextricable from race, nationality, caste, disability, and socio-economic class. Through rigorous intersectional and feminist scholarship, decolonial and feminist teaching, and creative and public-facing programming, we seek to articulate, analyze, and critique relationships among gender, sexuality, power, knowledge, oppression, and liberation. We seek to be an international resource for research, teaching, and learning, cultivating intellectual spaces where students, faculty, and community can produce and proliferate knowledge about gender and sexuality that will create a more equitable and just world.

Our areas of expertise include: feminist theory; intersectional feminisms; LGBTQ+ studies; disability studies; the history, culture and socio-political processes of genders and sexualities; and the transnational politics of gender and sexuality (including transnational Black and indigenous feminisms, feminisms of the global South, and gender and migration). We are committed in all aspects of our work to anti-racist and queer feminisms.

Within CWGS, the LGBTQ Studies Program contributes to campus-wide resources for an LGBTQ-friendly and gender-inclusive campus. Central to our mission is the affirmation of queer and trans students, faculty, and staff including people of color, undocumented people, Indigenous peoples, disabled people, and people with multiple marginalized identities - as well as a commitment to engaging with queer and trans scholarship, including critical race scholarship, disability studies, Indigenous studies, and other interconnected critical frameworks.

## Facilities for Graduate Work

The Center for Women's and Gender Studies, which administers the master's degree program in women's and gender studies, is a campuswide interdisciplinary program with almost three hundred affiliated faculty members from almost all colleges and schools. The center hosts
a major lecture series or scholarly conference each year and its annual Emerging Scholarship in Women's and Gender Studies Conference in which graduate and undergraduate students present their work.

The University offers several unique resources for interdisciplinary and cross-cultural research in women's and gender studies. Students and faculty have the support and collaboration of a dedicated Women's and Gender Studies/LGTBQ Studies Librarian at the University Libraries. The Harry Ransom Center includes celebrated rare book and manuscript collections in American and modern literature, including letters by Radclyffe Hall and the papers of Una Troubridge; papers of twentieth-century authors including Anne Sexton and Julia Alvarez; papers, including diaries and recipes, reflecting women's daily life; artwork, including Frida Kahlo's Self-Portrait with Thorn Necklace and Hummingbird (1940), as well as the photographs of Victorian photographer Julia Margaret Cameron; and more, as reflected on the HRC's Women's Studies area guide. The Nettie Lee Benson Latin American Collection is one of the world's great collections of materials in Latin American, Mexican American, and Latino studies. Archival collections at the Benson include the materials of queer Chicana feminist author Gloria E. Anzaldúa, Texan author of Borderlands/La Frontera: The New Mestiza; letters of Nobel-prize winning Chilean author and diplomat Gabriela Mistral; materials of internationally-renowned Austin musician Tish Hinojosa; and the papers of the National Latino/a Lesbian and Gay Organization. The Dolph Briscoe Center for American History holds the largest collection of extant historical manuscripts dealing with Texas, including the Black Texas Women Archive of materials and oral histories gathered by Austin-based historian Ruthe Winegarten; the papers of Frances (Sissy) Tarlton Farenthold, Texas-based international advocate for human rights who visited Greenham Commons and was nominated to be the Democratic candidate for the US vice presidency; the Lesbian Issues Collection of journals (1975-1991) and two letters by Rita Mae Brown; and the papers of various Austin and Texas feminist and women's organizations including the Center for Women's and Gender Studies and the Austin Chapter of the National Organization for Women. Various locations in the University Libraries house microfilm sets of archival collections of advocates and organizations, including those of feminist organizing in Brazil, diaries of regional groups of women in the nineteenth century, Eleanor Roosevelt, Margaret Sanger, and Elizabeth Cady Stanton. The University Libraries developed the Black Queer Studies Collection, a virtual collection that makes visible the libraries' substantial holdings in black diasporic queer materials. The Women's and Gender/LGBTQ Studies Librarian provides additional information about women's studies holdings.

Convenient to the University are other research facilities, including the Lyndon Baines Johnson Library and Museum, the Texas State Library and Archives, and the Austin History Center. The Austin History Center houses archives of local advocates and organizations, including the Texas Statewide Queer People of Color Organization, and has research guides for materials on women's resources, African American sources, Asian American sources, Mexican American sources, and more.

## Areas of Study

Women's and gender studies comprises research or creative work that raises new questions, formulates theories, or carries out empirical investigations that further understanding of science, social science, history, the humanities and arts, education, public and social policy, and paradigms of knowledge in applied and professional fields in such a way that women and gender systems are brought to the center of scholarship. Students pursue disciplinary and interdisciplinary research or creative work that prepares them for research or professional careers in which knowledge about women, gender, and sexuality is crucial. Students who complete the program graduate with a greater understanding of the field of women's and gender studies; an
understanding of and commitment to resisting interlocking oppressions; critical knowledge of women's human rights; and scholarly connections to the center's faculty. The master's degree in women's and gender studies is excellent preparation for further training in public policy, social work, health care, education, the arts, technology, and business. It also prepares graduates to pursue doctoral work in a traditional discipline or in women's and gender studies at another institution.

The Center for Women's \& Gender Studies offers the Master of Arts degree, two dual degree ( p . 143) master's programs, and a graduate portfolio (p. 12) program.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Amelia Acker
Bedour Alagraa
Kamran Ali
Jacqueline LAngel
Katherine M Arens
Jossianna Arroyo Martinez
Lucy Atkinson
Germine Gigi Awad
Hina Azam
Phillip J Barrish
Kirsten L Belgum
Mary C Beltran
Chad J Bennett
Daina R Berry
Mary A Bock
Daniel A Bonevac
Paola Bonifazio
Pascale R Bos
Keffrelyn D Brown
Simone Arlene Browne
Beth E Bukoski
Virginia Garrard Burnett
Noel B Busch-Armendariz
Charlotte Canning
Mia E Carter
Shannon Eileen Cavanagh
Mounira M Charrad
Judith G Coffin
David F Crew
Elizabeth Cullingford
Janet M Davis
Susan De Luca
Andrew F Dell'Antonio
Diana M Dinitto
Hector Dominguez-Ruvalcaba
Philip Doty
Karen Engle
Caroline Faria
Gloria Gonzalez-Lopez
Rachel Valentina Gonzalez-Martin
Laurie B Green
Benjamin G Gregg
Lauren Jae Gutterman
Sabine Hake
Julie Hardwick
Tracie C Harrison
Mark D Hayward
Elizabeth A Hedrick
Susan S Heinzelman
Geraldine Heng
Kathleen M Higgins
Neville Hoad
Carole K Holahan
Madeline Y Hsu
Barbara L Jones
Jacqueline Jones
Alison Kafer

Lee Ann Kahlor
Elizabeth L Keating
Ward W Keeler
Su Yeong Kim
Philippa Judith Levine
Carol H MacKay
Michael S Mackert
Madhavi Mallapragada
Jill A Marshall
Jennifer McClearen
Kelly McDonough
Matthew S McGlone
Martha Menchaca
Sofian Merabet
Julia L Mickenberg
Julie A Minich
Lisa L Moore
Gretchen Murphy
Joan H Neuberger
Mary C Neuburger
Martha G Newman
Sarah E Nicholus
Cynthia Osborne
Yolanda C Padilla
Shelley M Payne
Domino R Perez
Samantha Nicole Pinto
Julia A Reed
Donna L Rew
Ann M Reynolds
Victoria E Rodriguez
Michele Angela Rountree
Loriene Roy
Sharmila Rudrappa
Nancy Schiesari
Sonia T Seeman
Martha A Selby
Faegheh S Shirazi
Christen Anne Smith
Patricia Ann Somers
Joseph Straubhaar
Pauline T Strong
Sharon L Strover
Eric Tang
Gayle M Timmerman
Janice S Todd
Rebecca M Torres
Anita L Vangelisti
Lorraine O Walker
Samuel C Watkins
Lynn R Wilkinson
Jennifer M Wilks
Christine L Williams
Hannah Chapelle Wojciehowski
Helena Woodard
Hershini Young

## Admission Requirements

An admission committee composed of Graduate Studies Committee members evaluates all applications. The committee seeks to admit a small, dynamic group of students who will make a difference in the community, both in and outside of academia. The limited size of the incoming cohort allows the program to provide each student with
personal attention and fosters a sense of community among students and faculty members.

The Admissions Committee looks for candidates with an understanding of women's and gender studies as a field, commitment to antiracist feminist practice, a strong academic background, and a clear sense of the topics or areas they wish to pursue during the two-year master's degree. The Center for Women's and Gender Studies depends on students to be activists and leaders in the community. The Admissions Committee also looks for students who will not only attend class but also attend workshops and conferences, form organizations, volunteer, and participate in extracurricular activities.

A complete list of required application materials is published by the Center for Women's and Gender Studies.

## Graduate Portfolio Program

The women's and gender studies graduate portfolio program is open to all graduate students at The University of Texas at Austin. It offers graduate students from all disciplines an opportunity to incorporate women's and gender studies into their degree programs. Students may enter the program at any point in their graduate work, but it is recommended that they do so as soon as they decide to pursue the portfolio.

The program builds upon the Center's rich and broad-based expertise across disciplines and colleges/schools. Portfolio students develop a specialization unique to their own program of work through women's and gender studies courses, scholarly papers, and presentations.

Once all portfolio requirements are completed and the student's graduate degree is awarded, their official University transcript will indicate completion of the graduate portfolio in women's and gender studies.

In addition, interested students may receive an in-house certificate for the "WGS Portfolio Program with LGBTQ/Sexualities Track" by taking courses identified as having LGBTQ (lesbian, gay, bisexual, transgender, queer) studies content. This list of courses is known as the "Pink Book," and is published on the Women's and Gender Studies website.

Requirements and application information are available online.

## Graduate Seminar Courses

The Center for Women's and Gender Studies offers an interdisciplinary program that focuses on understanding women's experiences from a variety of perspectives and on the role gender plays in shaping society. The program's large and diverse faculty draws on the scholarship of more than 270 distinguished faculty members from twenty-nine departments and 14 colleges and schools. Women's and Gender Studies 393, Seminar: Topics in Women's and Gender Studies, provides access to cutting-edge scholarship from multiple perspectives by offering topics from nearly every graduate discipline. The program's faculty affiliates offer as many as thirty different seminar classes every semester.

## Degree Requirements, Women's and Gender Studies

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The master's degree is a two-year program that prepares graduates to pursue PhD work in Women's and Gender Studies at another institution or in another discipline. The master's degree also provides good intellectual grounding for further training and professional development in the arts, business, community and non-profit organizations, education, health care, public policy, social work, and technology. Students pursuing the Master of Arts degree in Women's and Gender Studies will write either a Thesis or a Report at the end of their coursework. The Thesis option requires 36 semester hours of coursework, of which six hours are earned in the Thesis courses. The Report option requires 36 semester hours of coursework, of which three hours are earned in the Report course.

All students must complete the following three core foundations courses in their first year: Women's and Gender Studies 390W, Writing Workshop, Women's and Gender Studies 391, Feminist Theories, and Women's and Gender Studies 392, Research Methods Seminar in Women's and Gender Studies. Students are required to meet regularly with their thesis advisor during their second year.

In addition, each student must demonstrate competence in the research skills appropriate to the student's overall academic and career objectives and to the final thesis or report. A minimum of four additional courses related to women, gender, sexuality, or feminism may be selected from the extensive offerings of faculty members affiliated with the Center for Women's and Gender Studies. Other courses may be substituted with the graduate advisor's approval.

All WGS students must also present their work at least once during the Annual Emerging Scholarship in Women's and Gender Studies Graduate Student Conference.

## Integrated BA/MA Program in Women's and Gender Studies

The Center for Women's and Gender Studies offers an integrated program to enable currently enrolled, highly motivated undergraduate students with strong intellectual capacities to earn a Bachelor of Arts in Women's and Gender Studies and a Master of Arts in Women's and Gender Studies within a five-year period. Eligible students in the integrated degree program will be granted their bachelor's degree upon satisfactory completion of BA degree requirements, which typically occurs at the end of the fourth year in the program.

The Integrated BA/MA (WGS) program serves to highlight the intellectual rigor of the WGS program; promote opportunities for undergraduate students to pursue advanced study; improve student preparation for competitive PhD programs; and improve job market opportunities for Liberal Arts graduates.

This program is open to current University of Texas at Austin WGS Undergraduates. Interested students should contact the Undergraduate Academic Advisor in WGS before the end of their Sophomore Year (if possible) to determine eligibility.

## Dual Degree Programs

The Center for Women's and Gender Studies offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

Major(s)
Information studies

Degree(s)
Master of Information Studies

## Courses, Liberal Arts

Please see the General Information Catalog for a list of courses. The following fields of study are housed at the college level: Cognitive Science (CGS), Human Dimensions of Organizations (HDO), Language Teaching Coordination (LTC), and Liberal Arts (L A).

For courses offered by each department within the College of Liberal Arts, please see the corresponding department page in the following sections.

## Courses, Center for Asian American Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Center for Asian American Studies: Asian American Studies (AAS).

## Courses, Center for European Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Center for European Studies: European Studies (EUS).

## Courses, Center for Middle Eastern Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Center of Middle Eastern Studies: Middle Eastern Studies (MES).

## Courses, Center for Russian, East European, and Eurasian Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Center for Russian, East European, and Eurasian Studies: Russian, East European, and Eurasian Studies (REE).

## Courses, Center for Women's and Gender Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Center for Women's and Gender Studies: Women's and Gender Studies (WGS).

## Courses, Department of African and African Diaspora Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of African and African Diaspora Studies: African and African Diaspora Studies (AFR), and Yoruba (YOR).

## Courses, Department of American Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of American Studies: American Studies (AMS).

## Courses, Department of Anthropology

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Anthropology: Anthropology (ANT) and Science, Technology, and Society (STS).

## Courses, Department of Asian Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Asian Studies: Asian Studies (ANS), Bengali (BEN), Chinese (CHI), Hindi (HIN), Japanese (JPN), Korean (KOR), Malayalam (MAL), Sanskrit (SAN), Tamil (TAM), Telugu (TEL), Urdu (URD).

## Courses, Department of Classics

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Classics: Classical Civilization (C C), Greek (GK), and Latin (LAT).

## Courses, Department of Economics

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Economics: Economics (ECO).

## Courses, Department of English

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of English: English (E).

## Courses, Department of French and Italian

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of French and Italian: French (FR) and Italian (ITL).

## Courses, Department of Geography and the Environment

## Please see the General Information Catalog for a list of courses. The

 following fields of study are housed in the Department of Geography and the Environment: Geography (GRG).
## Courses, Department of Germanic Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Germanic Studies: German (GER).

## Courses, Department of Government

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Government: Government (GOV).

## Courses, Department of History

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of History: History (HIS).

## Courses, Department of Linguistics

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Linguistics: American Sign Language (ASL) and Linguistics (LIN).

## Courses, Department of Mexican American and Latina/o Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Mexican American and Latina/o Studies: Mexican American Studies (MAS).

## Courses, Department of Middle Eastern Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Middle Eastern Studies: Arabic (ARA), Hebrew (HEB), Middle Eastern Languages and Cultures (MEL), Persian (PRS), and Turkish (TUR).

## Courses, Department of Philosophy

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Philosophy: Philosophy (PHL).

## Courses, Department of Psychology

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Psychology: Psychology (PSY).

## Courses, Department of Religious Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Religious Studies: Religious Studies (R S).

## Courses, Department of Rhetoric and Writing

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Rhetoric and Writing: Rhetoric and Writing (RHE).

## Courses, Department of Slavic and Eurasian Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Slavic and Eurasian Studies: Czech (CZ), Polish (POL), Russian (RUS), Serbian/ Croatian (S C), and Slavic and Eurasian Languages (SEL).

## Courses, Department of Sociology

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Sociology: Sociology (SOC).

## Courses, Department of Spanish and Portuguese

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Spanish and Portuguese: Iberian and Latin American Languages and Cultures (ILA), Portuguese (POR), and Spanish (SPN).

## Courses, Humanities, Health, and Medicine Graduate Program

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Humanities, Health, and Medicine graduate program: Humanities, Health, and Medicine (HHM).

## Courses, Program in Comparative Literature

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Program in Comparative Literature: Comparative Literature (CL).

## Courses, Schusterman Center for Jewish Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Schusterman Center for Jewish Studies: Jewish Studies (J S).

## Courses, Teresa Lozano Long Institute of Latin American Studies

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Teresa Lozano Long Institute of Latin American Studies: Indigenous Languages of Latin America (LAL) and Latin American Studies (LAS).

## College of Natural Sciences

## Astronomy

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Physics, Math, and Astronomy (PMA) 15.204, phone (512) 471-0481, fax (512) 471-6016; campus mail code: C1400

Mailing address: The University of Texas at Austin, Department of Astronomy, Graduate Program, 2515 Speedway C1400, Austin TX 78712

E-mail: studentinfo@astro.as.utexas.edu
URL: https://astronomy.utexas.edu/

## Facilities for Graduate Work

Facilities for research in astronomy are located on the campus in Austin and at McDonald Observatory in West Texas. Equipment in Austin includes a 16 -inch reflector and several smaller telescopes. In addition to the many workstations, desktop, and laptop computers owned by the Department of Astronomy and McDonald Observatory for use in data reduction and analysis, image processing, and other computer needs, Texas astronomers have privileged access to the Texas Advanced Computing Center, a nationally prominent supercomputer facility with cutting-edge computational systems and a state-of-the-art visualization laboratory. The department operates an electronics shop, engineering and instrumentation laboratories, and a well-stocked research library. The Kuehne Physics Mathematics Astronomy Library is located in Robert Lee Moore Hall.

Facilities for research at McDonald Observatory include the 2.7-m reflector, which has a variety of auxiliary instruments, including optical Cassegrain and coudé spectrometers and an imager as well as a novel high-resolution near-infrared spectrometer. The 2.1-m Struve reflector is used at the Cassegrain focus. Its instrumentation includes a lowresolution optical spectrograph and camera, high-speed photometers, a polarimeter, and a high resolution optical spectrometer.

The 10-m class Hobby-Eberly Telescope (HET), co-located with the above facilities in west Texas, is equipped for and dedicated to spectroscopic work. A low-resolution spectrograph, a medium-resolution spectrograph, and a high-resolution spectrograph are available. The HETDEX (HET Dark Energy Experiment), a survey employing blank-field spectroscopy to discover high-redshift Lyman alpha emitters and probe the nature of cosmological dark energy, is currently in progress. The data collected in this survey will also be used to study galaxy evolution. The location in west Texas also hosts the only 1-m telescope node of the Las Cumbres Observatory (LCO) in the continental U.S.

## Areas of Study

Graduate instruction and research are conducted in observational astronomy, and theoretical astrophysics including analytical and computational methods. Observational opportunities are available in conventional photometry, polarimetry, and fast photometry of stellar oscillations; spectroscopy and spectrophotometry of planets, stars, nebulae, galaxies, and quasars; galactic and extragalactic research; optical and infrared instrument development; planetary and cometary studies; extrasolar planets; and infrared, millimeter, submillimeter, and radio astronomy. There are also instruction and research opportunities in theoretical astrophysics, including the origin of the elements, cosmology, stellar structure and evolution, star and planet formation, and high-energy astrophysics. There are opportunities for cooperative interdepartmental research with groups in the Department of Physics and the Department of Aerospace Engineering and Engineering Mechanics.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Taft E Armandroff | Keith Hawkins |
| :--- | :--- |
| Danielle Amanda Berg | Daniel T Jaffe |
| Brendan Peter Bowler | Shardha Jogee |
| Michael Boylan-Kolchin | Adam Levi Kraus |
| Volker Bromm | Pawan Kumar |
| Caitlin M Casey | Caroline V Morley |
| John Chisholm | Stella S Offner |
| Harriet L Dinerstein | Paul R Shapiro |
| Steven Lyle Finkelstein | Christopher A Sneden |
| Karl Gebhardt | Don Winget |

## Admission Requirements

Prerequisites for graduate work in astronomy are at least 15 to 18 semester hours of upper-division coursework in astronomy and physics, including courses in mechanics, electricity and magnetism, statistical physics, and quantum mechanics; and a satisfactory score on the General Graduate Record Examinations Test. The GRE Physics test is not considered in selecting applicants for admission to the PhD program. A detailed evaluation is made of each new student's physics and astronomy background to identify any deficiencies that should be addressed in order to ensure success in the program.

## Degree Requirements, Astronomy

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The Master of Arts degree in Astronomy requires completion of 33 credit hours of coursework, including a six-hour Master's Thesis course, Astronomy 698A and Astronomy 698B. Students must earn a grade of B- or higher in all courses that count towards the degree. At least seven courses must be drawn from categories A through C below. Students must also complete two elective courses selected from categories A through $D$ below. With approval of the student's research supervisor and the graduate advisor, electives may include graduate coursework offered by other related programs. In addition, all students are required to attend a professional development seminar in the fall semester of their first year.

Students begin research during their first year. Research is done under the supervision of a research supervisor and committee and normally takes a year and a half. A Master's Thesis is developed under the guidance of the committee. The thesis must be approved by the committee and submitted in electronic format to the Graduate School.

## Doctor of Philosophy

Students must complete at least 33 credit hours of coursework, including a minimum of six credit hours of the dissertation course, Astronomy 399W, Astronomy 699W or Astronomy 999W. Students must earn a grade of B- or higher in all courses that count towards the degree. At least seven courses must be drawn from categories A through C below. Students must also complete two elective courses selected from categories A through D below. With approval of the student's research supervisor and the graduate advisor, electives may include graduate coursework offered by other related programs. In addition, all students are required to attend a professional development seminar in the fall of their first year.

Students are strongly encouraged to begin research during their first year. Research is done under the supervision of a research supervisor and dissertation committee and normally takes four to five years. In the spring of their second year, students must present their research to date and pass an oral qualifying examination. Students normally apply for PhD candidacy by the end of the summer of the second year. Students must present their research in a colloquium or seminar once per year. All PhD students must complete a dissertation that constitutes a contribution to knowledge in the field. A satisfactory oral examination is required for approval of the dissertation. The dissertation must be approved by the committee and submitted in electronic format to the Graduate School.

## Category A Courses (Fundamental Astrophysics):

Astronomy 380E, Radiative Processes and Radiative Transfer Astronomy 381C, Gravitational Dynamics
Astronomy 382C, Astrophysical Gas Dynamics

## Category B Courses (Astronomy Main Subfields):

Astronomy 386C, Properties of Galaxies
Astronomy 393F, Survey of the Interstellar Medium
Astronomy 396C, Elements of Cosmology
Astronomy 383C, Stellar Atmospheres
Astronomy 383D, Stellar Structure and Evolution
Astronomy 392J, Astronomical Instrumentation
Astronomy 394P, Planetary Astrophysics
Category C Courses (Applied Methods):
Astronomy 382D, Astronomical Data Analysis

## Category D Courses (Specialized Topics):

Astronomy 392D, Mathematical Methods of Astrophysics
Biochemistry
Master of Arts
Doctor of Philosophy

## For More Information

Campus address: Norman Hackerman Building (NHB) 2.606, phone: (512) 471-5105; campus mail code: A6500

Mailing address: The University of Texas at Austin, Graduate Program in Biochemistry, 1 University Station A4810, Austin TX 78712

E-mail: ilsgrad@austin.utexas.edu
URL: www.ils.utexas.edu/biochemistry

## Areas of Study

Graduate study in biochemistry is offered in a wide range of areas including mechanisms of drug action; genetics of human disease; metabolic compartmentalization and regulation; structure and function of enzymes, toxins, viruses, ion channels, and receptors; mechanism and regulation of cellular processes; enzymology of DNA repair and replication, transcription, and translation; and computational biology. Additional details are available on the program website and from the graduate advisor.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Hal S Alper | Hung-Wen Liu |
| :--- | :--- |
| Eric V Anslyn | Yi Lu |
| Dean R Appling | Edward M Marcotte |
| Jeffrey E Barrick | Stephen F Martin |
| Karen S Browning | Andreas Matouschek |
| Xiaolu Cambronne | Mikhail V Matz |
| Lydia Maria Contreras | Jennifer A Maynard |
| Richard M Crooks | Jason McLellan |
| Kevin N Dalby | Somshuvra Mukhopadhyay |
| Bryan William Davies | Tanya T Paull |
| Daniel James Dickinson | Shelley M Payne |
| Ron Elber | Pengyu Ren |
| Andrew Ellington | Susanne Ressl |
| Walter L Fast | Rick Russell |
| Ilya J Finkelstein | Eric Senning |
| George Georgiou | Jason B Shear |
| Marvin L Hackert | David Soloveichik |
| Rasika M Harshey | Scott W Stevens |
| David W Hoffman | Christopher S Sullivan |
| Jon M Huibregtse | David William Taylor Jr |
| Brent L Iverson | Lauren J Webb |
| Arlen W Johnson | Sossou Urbain Weyemi |
| Kenneth Johnson | Christian P Whitman |
| Adrian T Keatinge-Clay | Claus O Wilke |
| Alan Lambowitz | Blerta Xhemalce |
| Daniel J Leahy | Kun Yang |
| Seongmin Lee | Yan Zhang |
|  |  |

## Admission Requirements

Students seeking a graduate degree in biochemistry must have a bachelor's degree or the equivalent in a related area, such as chemistry, biology, physics, or microbiology with the following preparation: mathematics through one year of calculus; chemistry, including organic chemistry, biochemistry, and physical chemistry; general physics; and biology, including cell biology. Deficiencies in undergraduate courses, if not too extensive, may be corrected during the student's first two semesters in the graduate program. These courses are usually not counted toward graduate degrees.

## Degree Requirements, Biochemistry

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The Master of Arts (MA) with Thesis involves original research carried out under the supervision of a member of the Biochemistry Graduate Studies Committee. The MA option is only allowed under certain circumstances and requires the permission of the research supervisor and graduate advisor. Master's degree students must complete at least 30 semester hours of coursework and must submit a thesis based on individual research. The thesis course may be counted as six of the 30 semester hours required for the degree. A minor of at least six semester hours is required, which may be in another area of chemistry, such as organic or physical chemistry, or in a related discipline, such as biology. No more than nine semester hours of upper-division coursework may be counted; these hours must be divided between the major and the minor field, with no more than six hours in the major field and three in the minor.

Courses required for the major in biochemistry are: Molecular Biology 190C (any topic), 290C (any topic), 394, 395G, and 395J. Most students take two and one-half years to earn the Master of Arts.

## Doctor of Philosophy

For admission to candidacy for the doctoral degree, a student must complete the following courses with a grade of at least $B$ in each: Molecular Biology 190C (any topic), 290C (any topic), 395G, 395J, and Biology 391 while maintaining a GPA of 3.0. Students are also required to complete two elective courses. Electives should be graduate level science courses in biochemistry, chemistry, medicinal chemistry, microbiology, physics, or related fields. Upper-level undergraduate science courses in areas outside of biochemistry may be used as electives, if appropriate for the student's scientific development, with the approval of the graduate advisor. A qualifying examination designed to test the student's knowledge of the basic principles of biochemistry must be completed by the spring or summer of the second year. A major part of this examination consists of a research proposal written in the form used for a National Institutes of Health grant application. Students present and defend this proposal orally and are examined in terms of their ability to do independent research.

After the requirements for admission to candidacy have been completed, the chair of the Graduate Studies Committee petitions the dean of the Graduate School to appoint a dissertation committee. A student must do dissertation research under the supervision of a member of the Graduate Studies Committee. Generally this faculty member, chosen by mutual consent of the student and the professor, serves as chair of the dissertation committee.

## Cell and Molecular Biology

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Norman Hackerman Building (NHB) 2.606, phone (512) 232-9660, campus mail code: A6500

Mailing address: The University of Texas at Austin, Graduate Program in Cell and Molecular Biology, 1 University Station A4810, Austin TX 78712

E-mail: ilsgrad@austin.utexas.edu
URL: https://ils.utexas.edu/cmb/

## Facilities for Graduate Work at the Center for Biomedical Research Support (CBRS)

CBRS is a group of shared resource core facilities operated under the Vice President for Research and open to all faculty, staff, and students at The University of Texas at Austin. The cutting-edge technology, services, and expert advice offered by CBRS core facilities are valuable to many students in Cell and Molecular Biology research programs. The facilities offer a wide range of services in nucleic acid and protein sequencing, microscopy, mass spectrometry, protein purifications and analysis, nextgeneration sequencing, high performance computing, bioinformatics, cryo-electron microscopy, biomedical imaging, and transgenic knockout mice. Additionally, a large variety of supplies are available from the STEM Stockroom and freezer supply core. Keeping the core facilities as comprehensive and accessible as possible increases faculty, staff, and student research productivity.

Microscopy and Imaging Facility. The Microscopy and Imaging Facility provides extensive equipment and services for microscopy and structural analysis. The facility's expert staff offer assisted use and training on instrumentation and consult on microscopy and flow cytometry research. Equipment in the facility includes scanning and transmission electron microscopes; fluorescence-based cell analyzers and cell sorters; super-resolution, TIRF, confocal, spinning disk confocal, multiphoton, and widefield fluorescence microscopes; a cryostat; vibratome and paraffin microtomes; an ultramicrotome; and a laser microdissection system. More information about the facility's services is available on the Microscopy and Imaging Facility website.

Genomic Sequencing and Analysis Facility. The Genomic Sequencing and Analysis Facility provides advanced analytical resources for analysis of DNA and RNA at scales ranging from single cells to whole-genomes. The facility operates two full-service laboratories for nucleic acid sequencing: the Next Generation Sequencing (NGS) Lab and the Sanger DNA Sequencing Lab.

The NGS Sequencing Lab has staff available for consultations to assist with project planning needs. Once research samples are ready, the NGS lab can take DNA or RNA, transform it into sequence ready libraries, and deliver data ready for analysis.

The NGS Sequencing Lab supports one Illumina NovaSeq, which is excellent for large whole genome, RNA-Seq, or single cell sequencing projects. The facility also has two Illumina MiSeq next-generation DNA sequencers that are best for smaller projects or for projects requiring longer read lengths. Additionally, the facility has two Illumina NextSeq sequencers that are ideal for intermediate scale projects, requiring more read depth than is feasible on the MiSeq. One of the NextSeq instruments has scanning capabilities allowing the core to offer the Illumina Infinium EPIC microarray.

The NGS Sequencing Lab includes a fully equipped molecular laboratory, which is outfitted with Agilent Bioanalyzers, NanoDrops, the Tecan Freedom Evo robotic liquid handling station, Hamilton Nimbus liquid handler, two Covaris shearing instruments, a 10X Chromium controller, and two automated Pippin gel electrophoresis systems.

The GSAF also houses the Sanger DNA Sequencing Lab and provides automated DNA sequencing and fragment analysis using capillary-based Applied Biosystems 3730 and 3130 DNA analyzers. These instruments
offer high throughput and sensitivity with a capability of handling more than 800 samples per day, with reads greater than 700 base pairs and a success rate of over 90 percent. The AB 3730 and 3730 XL are also used for the analysis of microsattelites, AFLP, SNPs, and other fragment applications. Walk-up equipment available for quantitative real-time PCR include three Life Technologies ViiA sytems. More information about the facility's services is available on the Genome Sequencing and Analysis Facility website.

Biological Mass Spectrometry Facility. The Biological Mass Spectrometry Facility provides proteomics and metabolomics services, develops methods for collaborative research projects, and trains users on self-service mass spectrometry instrumentation. Two high-resolution, high-sensitivity Thermo Orbitrap Fusion mass spectrometers with Ultimate 3000 RSLCnano UPLC chromatography systems provide qualitative and quantitative proteomics analyses. Proteome Discoverer database searches using Sequest HT and Scaffold, MaxQuant, Perseus, and Skyline software are provided for data processing, validation and visualization, capable of identifying thousands of proteins in a single run. Techniques for quantitation include stable isotope labeling and tandem mass tags, as well as label free methods. Fractionation enables in-depth proteomics analysis. Protein post-translational modifications including phosphorylation, acetylation, methylation, oxidation, and ubiquitination are identified from the high-resolution data. De novo sequencing of antibodies and glycopeptide searches are conducted with Byonic, and Supernovo software, respectively. The Intavis DigestPro robot automatically digests and desalts samples for analysis. Protein molecular weight determination service provides good quality control for expressed and modified proteins. A self-service Bruker Autoflex maX MALDI-TOF/TOF instrument is available for analyzing proteins, nucleic acids, peptides, polymers and chemicals, with training provided by core staff. A Vanquish Duo UPLC in line with Thermo Q-Exactive is utilized for metabolomics experiments with Compound Discoverer for metabolite identification and quantitation. More information about the facility services and protocols can be found on the Biological Mass Spectrometry website and Wiki pages.

Computational Biology and Bioinformatics. The Computational Biology and Bioinformatics core (https://research.utexas.edu/cbrs/cores/ cbb/) provides support for students, postdoctoral fellows, and faculty interested in the use of computational approaches to solving biological problems. This group helps lower the threshold to enter the -omics area of the life sciences. To achieve this goal this core offers an ondemandBioinformatics Consulting Group\#that works with researchers on big data analysis projects. Through Training Initiatives, numerous short courses on diverse topics for learning computational approaches to biological problems; an\#Annual Summer School for Big Data in Biology; peer-led working groups, and community events that complement semester-long for-credit courses are available for the community. Finally, the Biomedical Research Support Facility provides researchers with local computation and managed storage capabilities suitable for research computing workflows not addressed by the Texas Advanced Computing Center. For more information, visit the Center for Computational Biology and Bioinformatics website.

Mouse Genetic Engineering Facility. The Mouse Genetic Engineering Facility is in the Animal Resource Center and provides services to generate and archive custom-made transgenic mouse models. Services include CRISPR microinjection, DNA pronuclear injection, embryonic stem (ES) cell microinjection, gene targeting in ES cells, expansion of ES cell clones from the International Knockout Mouse Consortium, embryo cryopreservation, and re-derivation of mouse strains to pathogenfree status. The lab also performs sperm cryopreservation and in vitro fertilization. More information about the facility's services is available on the Mouse Genetic Engineering Facility website.

STEM Stockroom.The STEM Stockroom is located in the Norman Hackerman Building and provides many lab and office supplies. The STEM Stockroom carries different items ranging from lab consumables, chemicals, office and cleaning supplies, as well as kits from companies such as Qiagen, Sigma, LifeTech and Fisher. Enzymes are also available from New England BioLab and ThermoFisher (Fermentas). The STEM Stockroom also does special orders. For a full inventory list, please check the Center for Biomedical Research Support website.

Biomedical Research Supply Core (BioReSCo). This Core maintains automated refrigerators and freezers from multiple vendors of molecular biology reagents. These units are available $24 / 7$ to registered users. Primers can also be purchased from Sigma or IDT via a customized website for free delivery to the Core. More information about the reagents available at this facility is available at the BioResCo website.

Electronics Repair. This core provides electronics services including maintenance, service, and repair of biomedical/scientific equipment and instrumentation. This is one of the only SMD (surface-mount device) rework and fabrication services on campus. Additionally, this core offers electrical and mechanical safety consultations related to classrooms and laboratories. More information about the facility's services is available on the Electronics Repair website.

Sauer Structural Biology Laboratory (SSBL). The Sauer Structural Biology Laboratory is a state-of-the-art cryo-electron microscopy facility. The SSBL houses an FEI Titan Krios equipped with a Gatan K2 Summit direct electron detector and an FEI Glacios also equipped with a Gatan K2 Summit direct electron detector. Both instruments are capable of imaging macromolecular machines at atomic or near atomic resolution. The facility also contains all the accessory equipment required for highresolution structure determination. More information about the facility's services is available on the SSBL website.

Biomedical Imaging Center (BIC). The Biomedical Imaging Center is an interdisciplinary, multi-methods facility specializing in non-invasive neuroimaging. The center supports a Siemens VIDA 3T MRI scanner and a Siemens Skyra 3T MRI scanner. These instruments are used by many researchers for studies of human perception, memory, decision-making, and behavior. Unique emphases at the BIC include a strong connection to supercomputing resources at the Texas Advanced Computing Center (TACC), real-time fMRI, high-resolution / 3D visual presentation, and support for developmental studies. The facility also contains several resources for imaging in model systems, as well as imaging-informed fabrication and machining. More information about the facility's services is available on the BIC website.

## Areas of Study

The Interdisciplinary Life Sciences Graduate Programs, a research unit housed in the College of Natural Sciences, provides the support and infrastructure for the Cell and Molecular Biology (CMB) graduate program at The University of Texas at Austin. The CMB graduate program is supported by more than 130 faculty members from four colleges and over 10 academic departments.

The program offers students training in seven different research tracks: bioinformatics and computational biology, biomolecular structure and function, cell and developmental biology, chemical biology and drug discovery, molecular genetics, neurobiology, and plant molecular biology. Each of the tracks provides specialized courses and training for the graduate student beyond the basic core curriculum of genetics, biochemistry, molecular biology, and cell biology.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Seema Agarwala
Richard W Aldrich
Hal S Alper
Eric V Anslyn
Dean R Appling
Nigel S Atkinson
Chandrajit L Bajaj
Aaron Blair Baker
Jeffrey E Barrick
Brian Belardi
Adela Ben-Yakar
George D Bittner
Amy Brock
Karen S Browning
Xiaolu Cambronne
Frances Anne Champagne
Z Jeffrey Chen
Lydia Maria Contreras
Maria A Croyle
Kevin N Dalby
Bryan William Davies
Arturo De Lozanne
Daniel James Dickinson
John Digiovanni
Michael Drew
Jaquelin P Dudley
Johann K Eberhart
Gail Eckhardt
Lauren Ilyse richie Ehrlich
Ron Elber
Andrew Ellington
Walter L Fast
Ilya J Finkelstein
Janice A Fischer
Ernst-Ludwig Florin
Laura K Fonken
George Georgiou
Nace L Golding
Vernita Gordon
Andrea C Gore
Ryan S Gray
Jeffrey Martin Gross
Marvin L Hackert
Rasika M Harshey
Justin C Havird
David M Hillis
David W Hoffman
Johann Hofmann
Jon M Huibregtse
Enamul Huq
Brent L Iverson
Vishwanath R Iyer
Robert K Jansen
Andres Jara-Oseguera
Makkuni Jayaram
Arlen W Johnson
Kenneth Johnson
Christopher A Jolly
Thomas E Juenger
Adrian T Keatinge-Clay
Benjamin Keith Keitz
Jonghwan Kim
John S Kuo
Alan Lambowitz
Daniel J Leahy

Alan M Lloyd
Rongze Lu
Yi Lu
Paul M Macdonald
Dmitrii E Makarov
Edward M Marcotte
Mia K Markey
Stephen F Martin
Andreas Matouschek
William Matsui
Mikhail V Matz
Jennifer A Maynard
Jason McLellan
Mona Mehdy
Robert Messing
Lauren A Meyers
S J Mihic
Kyle M Miller
Daniel P Miranker
Ian J Molineux
Nancy A Moran
Hitoshi Morikawa
Somshuvra Mukhopadhyay
Robert W Newberry
Hiroshi Nishiyama
Howard Ochman
Tanya T Paull
Shelley M Payne
Steven M Phelps
Jonathan T Pierce
Martin Poenie
William H Press
Nicholas J Priebe
Hong Qiao
Pengyu Ren
John H Richburg
Rick Russell
Elif Sarinay Cenik
Eric Senning
Jason B Shear
Jeanne Casstevens Stachowiak
David S Stein
Scott W Stevens
Laura J Suggs
Christopher S Sullivan
Sibum Sung
Thibaud Olivier Taillefumier
David William Taylor Jr
Stefano Tiziani
Keiko Torii
Benjamin J Umlauf
Carla L Vandenberg
Karen Marie Vasquez
Steven A Vokes
John B Wallingford
Huiliang Wang
Lauren J Webb
Sossou Urbain Weyemi
Christian P Whitman
Claus O Wilke
Blerta Xhemalce
Kun Yang
Stephen Yi
Harold H Zakon
Boris Zemelman

Seongmin Lee
Hung-Wen Liu

## Admission Requirements

Applicants must provide evidence of strong accomplishment in the natural sciences, documented by undergraduate grades and a bachelor's degree or the equivalent in an area such as one of the biological sciences, chemistry, or physics. Preparation should include at least one semester each of cell biology and molecular biology, and one year each of calculus, organic chemistry, and general physics. Coursework in genetics and biochemistry is also required. Deficiencies in undergraduate work should be corrected before application to the program.

Because the graduate program is focused on the doctoral degree, students seeking only the master's degree are not admitted.

## Degree Requirements, Cell and Molecular Biology

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The master's degree is only granted under special circumstances. The student must have the approval of the graduate advisor.

## Doctor of Philosophy

The doctoral degree program requires the student to accomplish creative, independent research and to document the research in a scholarly dissertation. In preparation, the student must acquire a strong foundation in biochemistry, molecular genetics, and cell biology, and a working knowledge of the area of biology in which the student intends to conduct research. This preparation is provided by the core courses and electives required for the master's degree. The student must earn a grade of at least $B$ in each core course. To be admitted to candidacy for the degree, the student must formulate a feasible research program and pass a qualifying examination.

## Chemistry

## Master of Arts <br> Doctor of Philosophy

## For More Information

Campus address: Robert A. Welch Hall (WEL) 3.212, phone (512)
471-4538, campus mail code: A5300
Mailing address: The University of Texas at Austin, Graduate Program in Chemistry, Department of Chemistry, 105 East 24th Street A5300, WEL
3.212, Austin TX 78712-0165

E-mail: bhamblen@cm.utexas.edu
URL: http://www.cm.utexas.edu/

## Facilities for Graduate Work

The University Libraries provide access to key database resources such as SciFinder, Reaxys, and Web of Science, as well as hundreds of electronic scientific journals and thousands of e-books. These resources are available through the University Libraries website. The library also
maintains extensive print collections in all areas of chemistry and chemical engineering.

The Department of Chemistry maintains world-class core facilities staffed by experienced scientists. Facilities include NMR, mass spectrometry, x-ray diffraction, scientific glassblowing, and electronics maintenance and design. For further information on our facilities, including specific instrumentation available, visit Department Facilities.

## Areas of Study

Graduate study in chemistry is offered in the areas of chemical physics, analytical, inorganic, organic, or physical chemistry. Each of these broad areas encompasses specialized aspects of the subject. Details are available from the chair of the department's Graduate Admissions Committee.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Eric V Anslyn
Michael Aubrey
Carlos R Baiz
Brian Belardi
J Thomas Brenna
Jennifer S Brodbelt
Cassandra E Callmann
James R Chelikowsky
Richard M Crooks
Ananth Dodabalapur
Ron Elber
Andrew Ellington
John B Goodenough
Graeme Andrew Henkelman
Kami Hull
Simon M Humphrey
Brent L Iverson
Adrian T Keatinge-Clay
Benjamin Keith Keitz
Michael J Krische
David A Laude
Xiuling Li

Yi-Chih Lin
Hung-Wen Liu
Yi Lu
Nathaniel Lynd
Dmitrii E Makarov
Stephen F Martin
Delia Milliron
Charles B Mullins
Robert W Newberry
Zachariah Allen Page
Emily Que
Hang Ren
Sean Thomas Roberts
Michael Rose
Devleena Samanta
Livia Schiavinato Eberlin
Jonathan L Sessler
Jason B Shear
Devarajan Thirumalai
David A Vandenbout
Lauren J Webb
Guihua Yu

## Admission Requirements

The preliminary training of students seeking a graduate degree in chemistry must include at least 24 semester hours of undergraduate work in chemistry, consisting of 12 or more semester hours of upperdivision coursework and at least two courses (including laboratory) in organic chemistry and two in physical chemistry; one in analytical chemistry; and one in inorganic chemistry.

## Degree Requirements, Chemistry

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

One semester of Chemistry 398T is required of all candidates for advanced degrees.

## Master of Arts

Master's degree students must complete 30 semester hours of coursework, including a minor of at least six semester hours. No more than nine hours of upper-division work may be counted; these hours must be divided between the major and the minor. Candidates normally must also submit a thesis based on individual research. The thesis course may be counted as six of the 30 semester hours required for the degree. In general, two and one-half years are necessary to finish the Master of Arts. A Master of Arts degree with report is not offered, nor is a non-thesis Master of Arts.

## Doctor of Philosophy

Doctoral degree students who plan to specialize in analytical, inorganic, organic, or physical chemistry must complete six courses on the lettergrade basis. The qualifying examinations are usually completed within the first 20 months in residence or before application for candidacy. Students are examined by members of the Graduate Studies Committee in their areas of concentration before admission to candidacy. While the doctoral degree program requires a minimum of 30 credit hours of coursework including the dissertation, four to five years of full-time study, or 80-105 hours of coursework, are usually required to complete program requirements.

## Computer Science

## Master of Science in Computer Science Doctor of Philosophy

## For More Information

Campus address: Gates Dell Complex (GDC) 2.702, phone (512)
232-7407, fax (512) 471-8885; campus mail code: D9500
Mailing address: The University of Texas at Austin, Department of Computer Science, 2317 Speedway D9500, Austin, TX 78712

E-mail: csadmis@cs.utexas.edu
URL: http://www.cs.utexas.edu/

## Facilities for Graduate Work

To provide the most advanced resources for teaching and research, the Department of Computer Science manages its own network and system of more than 1,000 hosts.
A staff of 12 , under the direction of the department chair, specifies, buys, installs, and maintains this computing infrastructure. Through accounts on the department's Linux and MacOS workstations, students, faculty members, and staff have access to public laboratories and private equipment.
Many different computer systems are available for research use by faculty members and students in the department. The department operates a general-purpose high-throughput computing (HTC) Linux cluster with over 2,000 cores, Dell PowerEdge checkpoint servers, 100 nVidia GPUs of various types, and a NetApp filer with 77TB of storage. This cluster, as well as all public computing resources, are available to everyone via HTCondor, a resource management tool for widely distributed systems. There are several hundred Linux machines in public labs, and there are over 100 linux boxes on graduate desks. Several hundred other workstations of varying configurations and platforms are located in private research labs or on researchers' desks.
All departmental computers are networked together using one or 10 Gigabits per second Ethernet. The network, managed and maintained by staff, consists of over 100 Cisco switches, with a Cisco 6513 serving as its point of presence and firewall. Network-accessible storage is provided
by a NetApp filer with 77TB of space dedicated to cluster computing work and 75TB for home directories as well as infrastructural, project and course-related storage.

## Areas of Study

Graduate study in computer science is offered in the following areas: analysis of algorithms; artificial intelligence; automated reasoning; communication protocols; compilers; computational biology; computational complexity; computational visualization; computer architecture; computer graphics; computer networks; computer vision; cryptography; data mining; database management; distributed systems; fault-tolerant computing; formal methods; machine learning; mathematical software; mobile and ad hoc networks; natural language processing; neural networks; numerical analysis; operating systems; parallel programming; programming language design and implementation; randomized algorithms; real-time systems; robotics; scientific computing; secure computing; software construction from components; system modeling; theoretical computer science; and wireless networks. The Master of Science and PhD degrees in Computer Science are STEM Designated Degree Programs, as identified by the Department of Homeland Security for purposes of the 24-month STEM optional practical training extension.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Scott J Aaronson
Aditya Akella
Lorenzo Alvisi
Chandrajit L Bajaj
Dana Harry Ballard
Don S Batory
George Biros
Joydeep Biswas
James Bornholt
Alan C Bovik
Constantine Caramanis
Swarat Chaudhuri
Shuchi Chawla
Eunsol Choi
Inderjit S Dhillon
Isil Dillig
Georgios-Alex Dimakis
Gregory C Durrett
Katrin E Erk
Donald S Fussell
Anna Gal
Joydeep Ghosh
Milos Gligoric
Kristen L Grauman
Danna Gurari
David Harwath
Qixing Huang
Warren A Hunt Jr
Alexander Huth
Adam R Klivans
Philipp Kraehenbuehl
Matthew Alan Lease
Min Kyung Lee
Jessy Li
Calvin Lin
Qiang Liu

Kenneth McMillan
Risto P Miikkulainen
Daniel P Miranker
Aloysius K Mok
Raymond J Mooney
Dana Hadar Moshkovitz aaronson
Scott David Niekum
Evdokia Nikolova
Gordon S Novak Jr
Amy Pavel
Simon Peter
Keshav K Pingali
C Greg Plaxton
William H Press
Eric Price
Lili Qiu
Vijaya Ramachandran
Christopher J Rossbach
Sujay Sanghavi
Purnamrita Sarkar
James G Scott
Hovav Shacham
David Soloveichik
Peter H Stone
Andrea Lockerd Thomaz
Ufuk Topcu
Robert A Van De Geijn
Vijaychidambaram Velayudhan

## Pillai

Paul Etienne Vouga
Brent R Waters
Emmett Witchel
John Wright
David Junzi Wu
Yuke Zhu
David I Zuckerman

## Admission Requirements

Most entering graduate students have degrees in computer science. Students with degrees in other areas may be considered for admission; if admitted, they may be required to take undergraduate courses in computer science, without credit toward a graduate degree, to satisfy background requirements.

## Degree Requirements, Computer Science

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science

On-Campus. The Department of Computer Science offers two oncampus options for the Master of Science in Computer Science degree program. The thesis option requires 30 semester hours of coursework, which includes six hours in the thesis course. The option without thesis requires 30 semester hours of coursework.

Online. The Department of Computer Science also offers the Master of Science in Computer Science degree in an online format. The thesis option requires 30 semester hours of coursework, which includes six hours in the thesis course. The option without thesis requires 30 semester hours of coursework. All courses required for program completion are offered in accordance with University policies that govern non-formula-funded (Option III) degree programs. The online program is primarily designed for working professionals with coursework designed to broaden and deepen their knowledge in the field.

Five-Year Integrated Bachelor's and Master's Program. The Department of Computer Science offers an integrated program to enable currently enrolled, highly motivated undergraduate students with strong intellectual capacities to earn a Bachelor of Science in Computer Science and a Master of Science in Computer Science within a fiveyear period. The integrated program is designed to prepare students for competitive doctoral programs and provide strong leadership skills and technical depth to students entering professional positions.

## Doctor of Philosophy

The Doctor of Philosophy is a research degree for students who wish to pursue research careers in academia or industry. The main goal of the doctoral program is to prepare students to do outstanding research. Doctoral students take courses that provide the foundation on which to build their research programs, and are expected to become involved in research during their first semester and continue their involvement throughout their study at the University.

Students should complete all course requirements within a three-year period and maintain a grade point average of at least 3.00 in all computer science graduate courses. After application to candidacy, students must complete at least two semesters in residence. The Doctor of Philosophy degree requires a minimum of 30 semester hours of coursework, including dissertation hours.

## Data Science

Master of Science in Data Science

## For More Information

Campus address: Welch Hall (WEL) 5.216, phone (512) 232-0693, fax (512) 475-8297, campus mail code: D9800

Mailing address: Graduate Program in Data Science, Department of Statistics and Data Sciences, The University of Texas at Austin, 105 East 24th St. Stop D9800, Austin TX 78712

E-mail: msdatascience@utexas.edu
URL: https://ms-datascience.utexas.edu

## Facilities for Graduate Work

This degree is $100 \%$ online, and uses none of the physical facilities associated with The University of Texas at Austin, nor the departments jointly providing the degree (the Department of Statistics and Data Sciences and the Department of Computer Science). Students in the program will have access to university electronic resources such as library services.

## Areas of Study

Graduate degree candidates are expected to develop broad competence in the discipline of Data Science as a whole. The Master of Science in Data Science is a $100 \%$ online program, with recommended completion models of one-and-a-half to three years. The program provides advanced training in the theory and methodologies that comprise the field of data science. That training includes, but is not limited to, courses in probability, simulation, data visualization, data mining, data ethics, data analysis, large scale data-based inquiry for big data, non-standard design methodologies, machine learning, deep learning, algorithmic techniques, and optimization. The program integrates some of the following substantive areas of application: biology, computer science, economics, education, engineering, government, neuroscience, and psychology. All courses required for program completion are offered in accordance with University policies that govern non-formula-funded (Option III) programs.

## Admission Requirements

To be considered for admission to the program, the student should demonstrate a background knowledge of mathematics and statistics equivalent to that acquired in upper-division courses in probability and statistics, multivariable calculus and linear algebra. Students should have a degree of mathematical maturity and critical thinking skills. Students should also demonstrate a technical acumen in relevant statistical/mathematical software, and experience in computing environments and programming. Deficiencies may be made up by taking courses suggested by the graduate advisor. In most cases, these courses may not be counted toward the degree.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Catherine Calder
Adam R Klivans
Philipp Kraehenbuehl
Raymond J Mooney
Peter Mueller

C Greg Plaxton
Vijaya Ramachandran
Purnamrita Sarkar
Stephen G Walker
Corwin Zigler

## Degree Requirements, Data Science

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Data Science

The $100 \%$ online program requires a Program of Work consisting of 30 semester hours of coursework ( 10 courses), distributed as follows:

1. Nine hours of foundational coursework in probability, statistical inference, regression, and algorithms,
2. Nine hours of additional coursework in visualization and data ethics, natural language processing, or current topics in data science,
3. Twelve hours of coursework in advanced topics including predictive models, causal inference, machine learning, deep learning, and optimization.

The online program is presented as a flexible degree, developed for working professionals, and includes coursework designed to broaden and deepen their knowledge in the field.

## Ecology, Evolution, and Behavior

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Norman Hackerman Building (NHB) 2.634, phone (512)
471-8490, fax (512) 232-3699; campus mail code: A6500
Mailing address: The University of Texas at Austin, Graduate Program in Ecology, Evolution, and Behavior, 100 E 24th Street Stop A6500, Austin TX 78712-1598

E-mail: tamra@austin.utexas.edu
URL: https://cns.utexas.edu/eeb-graduate-program

## Areas of Study

The graduate program in ecology, evolution, and behavior encompasses a range of fields. Research ranges from the molecular level to the ecosystem, with approaches that include fieldwork, laboratory analyses, and mathematical modeling.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Brett J Baker Jeffrey E Barrick David Cannatella Z Jeffrey Chen Julia Allison Clarke Molly E Cummings Andrew Ellington Caroline E Farrior Norma L Fowler
Lee A Fuiman Lawrence E Gilbert Justin C Havird Johann Hofmann Robert K Jansen Shalene Jha Thomas E Juenger Timothy H Keitt Melissa Kemp Mark A Kirkpatrick Donald A Levin
Craig R Linder

Mikhail V Matz
Lauren A Meyers
Ian J Molineux
Nancy A Moran
Ulrich G Mueller
Felicity Muth
Vagheesh M Narasimhan
Howard Ochman
Annette M Ostling
Jose L Panero
Steven M Phelps
William H Press
Timothy B Rowe
Michael J Ryan
Brian E Sedio
Edward C Theriot
Peter Thomas
Claus O Wilke
Amelia Wolf
Harold H Zakon
Kelly R Zamudio

## Degree Requirements, Ecology, Evolution, and Behavior

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The graduate program is focused on the doctoral degree; this degree is designed for those who anticipate careers in research, possibly combined with teaching or other activities. Students seeking only the master's degree are rarely admitted. If a master's degree student is admitted, their proposed program must be approved by the Graduate Studies Committee. The Master of Arts degree consists of 30 hours of coursework, including Biology 698 or 398R. The coursework must include a minor of six hours of coursework acceptable for graduate credit in another area of study.

## Doctor of Philosophy

For the Doctor of Philosophy, preliminary training should have provided a working core of knowledge in general biology and the history of biology; other helpful areas are plant biology, vertebrate and invertebrate zoology, genetics, ecology, evolution, animal behavior, and physiology. Statistics and computational skills are also valuable.

Students must take a one semester core course in their first year in the program. Students take an additional three lecture courses. At least two of these must be taught by ecology, evolution, and behavior faculty. At least one must satisfy a requirement for quantitative skills. Students must also take Biology 384L, Issues in Population Biology , and a minimum of three additional courses that may include seminars or reading courses.

## Human Development and Family Sciences

Master of Arts<br>Doctor of Philosophy

## For More Information

Campus address: Sarah M. and Charles E. Seay Building (SEA) 1.432A, phone (512) 475-7504, fax (512) 475-8662; campus mail code A2702

Mailing address: The University of Texas at Austin, Graduate Program in Human Development and Family Sciences, School of Human Ecology, 108 East Dean Keeton Street Stop A2702, Austin TX 78712

E-mail: he-hdfgrad@utlists.utexas.edu
URL: http://www.he.utexas.edu/hdfs/academics/graduate

## Facilities for Graduate Work

The Department of Human Development and Family Sciences is housed in the Sarah M. and Charles E. Seay Building, which provides excellent resources for teaching and research. Computer facilities are extensive. In addition to the facilities of Information Technology Services, students have access to the department's computer laboratory, a state-of-theart facility equipped with advanced computers and statistical software. These resources are supplemented by extensive computer equipment in individual faculty laboratories.

The Human Development and Family Sciences Reference Room houses a non-circulating collection of more than 500 volumes and 20 journals.

The half-day preschool and infant/toddler programs of the Priscilla Pond Flawn Child and Family Laboratory provide a setting for research by faculty members and graduate students, a facility for student observation and training, and a model program for children and their families. They also provide opportunities for family involvement in the classroom, parent education programs, parent conferences, and family research. Because the laboratory has served Austin families for over 80 years, the opportunities for multigenerational and longitudinal research are significant.

The department has extensive facilities for observing and recording social interaction. The Marital and Family Interaction Laboratory is available for recording couple and family interactions in a comfortable setting. The laboratory consists of a naturalistic living room connected to well-equipped control rooms that enable interactions to be recorded unobtrusively. The facility is augmented by numerous other one-way observation and coding rooms that enable recorded data to be analyzed using state-of-the-art computer-video analysis systems.

The department also has excellent facilities for conducting survey research. These include a series of individual interview rooms and a telephone research center.

Several rich sets of data, many of which include longitudinal data from families, are housed in the department and are available to graduate students for research. These sets of data focus on a wide range of topics, including the early years of marriage; the transition to parenthood; the prediction of divorce and remarriage and their impact on children; parent-child interaction; intergenerational ties; the connection between family and peer relationships; the connection between work roles and family relationships; and the impact of poverty, television, child care policy, and adoption policy on children.

## Areas of Study

The graduate program in human development and family sciences is designed to prepare students for research, teaching, and administrative positions in colleges and universities, as well as for positions in government, policy-related research organizations, and other public and private settings. The program emphasizes research and theory on the interplay among individual development, family relationships,
and institutions outside the family. Development of the individual is considered within the contexts of the family, peer group, community, and culture. The family is studied as a system of relationships, with attention to roles, communication, conflict resolution and negotiation, and family members' perceptions of each other and of their family. Public policies and care settings outside the family are among the community influences considered in relation to the development of individuals and families. The program emphasizes the investigation of the family and other social processes that contribute to competence and optimal development in individuals from birth to maturity and how such competence is reflected in interpersonal relationships and family interactions.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Maria Mercedes Arredondo | Su Yeong Kim |
| :--- | :--- |
| Aprile D Benner | Elma Ines Lorenzo-blanco |
| Karen L Fingerman | Elizabeth Munoz |
| Elizabeth Thompson Gershoff | Lisa Neff |
| Marci Elizabeth Joy Gleason | Nicole Perry |
| Sae Hwang Han | Stephen Russell |
| Nancy L Hazen-Swann | Fatima Alesia Varner |
| Deborah B Jacobvitz | Hannah Williamson |

## Degree Requirements, Human Development and Family Sciences

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The master's degree requires completion of at least 36 semester hours of coursework; a core course sequence of 15 semester hours, consisting of theoretical and methodological foundations courses; 12 hours in research and thesis; and nine hours of electives. The graduate program in human development and family sciences is designed primarily to lead to the Doctor of Philosophy degree. Students normally earn the Master of Arts degree only in the course of work leading to the doctoral degree. Further information is available from the graduate advisor.

## Doctor of Philosophy

Detailed descriptions of admission procedures and program requirements are available from the graduate advisor. Work leading to the Doctor of Philosophy includes: (1) the substantive major, which consists of a cohesive sequence of courses in human development and family sciences and related disciplines; (2) coursework in research design and statistics; (3) the supporting program, which consists of work complementary to the substantive major; (4) ongoing supervised research experience; (5) a pre-doctoral research project (the equivalent of a master's thesis); (6) a series of field-relevant tasks, such as preparing manuscripts for publication and applying for external funding in order to advance to candidacy; and (7) the dissertation.

## Marine Science

## Master of Science in Marine Science Doctor of Philosophy

## For More Information

Location: 750 Channel View Drive, Port Aransas, phone (361) 749-6801, fax (361) 749-6777; campus mail code: T2500

Mailing address: University of Texas Marine Science Institute, Graduate Program, 750 Channel View Drive, Port Aransas TX 78373-5015

E-mail: gradinfo@utlists.utexas.edu
URL: http://www.utmsi.utexas.edu/

## Facilities for Graduate Work

Facilities for graduate work in marine science are located at the shoreside laboratory of the Marine Science Institute in Port Aransas. The institute is located on the Aransas Pass ship channel among the dunes at the tip of Mustang Island, with easy access to bays, beaches, and the Gulf of Mexico. Environmental systems nearby include the hypersaline Laguna Madre, seagrass meadows, rivers, oyster reefs, fresh and saltwater marshes, and the nearshore and offshore Gulf of Mexico waters. The Port Aransas facility offers classrooms, laboratories (wet and dry), core facilities laboratory, research pier, seawater system, mariculture tank systems, and a specialized library. The institute's fleet includes a 57-foot trawler (R/V Katy) and 10 smaller boats. In addition, there is a pool of four-wheel-drive vehicles for work in and around the local habitats. The shoreside research and teaching facilities also include a cafeteria, dormitories, and graduate student apartments.

Graduate students take their early coursework in Austin, including supporting work in other departments. Many courses taught in Port Aransas are available to students on the Austin campus via video teleconference facilities. Normally, one or two long semesters are spent in Austin. Most students then reside in Port Aransas while they undertake thesis and dissertation research at the Marine Science Institute. These students also take additional instruction at the Institute, including organized courses and seminars.

## Areas of Study

Graduate study is organized around a curriculum with three core areas: fish physiology and ecology, ecosystems dynamics, and biogeochemistry. Each of these broad core areas includes specialized topics. Further information is available from the graduate advisor.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Brett J Baker | Lee A Fuiman |
| :--- | :--- |
| Simon J Brandl | Zhanfei Liu |
| Edward J Buskey | James W McClelland |
| Jordan Casey | Kristin Nielsen |
| Kenneth H Dunton | Jessica L O'Connell |
| Deana L Erdner | Peter Thomas |
| Andrew Jerome Esbaugh | Tracy A Villareal |

## Admission Requirements

A prospective student's undergraduate training should include 24 semester hours in one of the life or physical sciences. At least 12 of these hours must be in upper-division work. Adequate preparation in mathematics is expected of all students.

## Degree Requirements, Marine Science

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Marine Science

For the master's degree, students must complete at least 30 semester hours of acceptable graduate work in marine science and related natural sciences, including Marine Science 698. Each student must complete the three core courses listed below and is expected to complete six semester hours of advanced courses in marine science as required by the Graduate Studies Committee or the supervising committee. A minimum of six semester hours of coursework outside of the area of specialization selected by the student and approved by the graduate advisor and supervising professor make up the minor or supporting area.

## Doctor of Philosophy

Doctoral candidates must complete the three core courses listed below, for a total of 12 semester hours. While additional courses are not specified, each student is expected to complete six semester hours of advanced courses in marine science, as required by the Graduate Studies Committee or the supervising committee. A minimum of six semester hours of coursework outside of the area of specialization, selected by the student and approved by the graduate advisor and supervising professor, make up the minor or supporting area.

Students are expected to fulfill all requirements for candidacy before the end of their third year in the program at the University. This involves, as a minimum, completion of the required core courses and passage of a candidacy examination to demonstrate competence in the core areas and mastery of the chosen area of specialization, as well as selection of a dissertation committee and supervising professor.

Further information on graduate work and on available fellowships and assistantships may be found at the Marine Science Institute's website and by consultation with the graduate advisor.

## Core Courses

Marine Science 481C, Marine Ecosystem Dynamics
Marine Science 482C, Marine Biogeochemistry
Marine Science 483C, Adaptations to the Marine Environment

## Mathematics

## Master of Arts

Doctor of Philosophy

## For More Information

Campus address: Robert Lee Moore Hall (RLM) 8.100, phone (512)
471-7711, fax (512) 471-9038; campus mail code: C1200
Mailing address: The University of Texas at Austin, Department of Mathematics, Attn: Graduate Program, 2515 Speedway C1200, Austin TX 78712-1202

E-mail: gradadv@math.utexas.edu
URL: http://www.ma.utexas.edu/

## Facilities for Graduate Work

The Kuehne Physics Mathematics Astronomy Library has a broad range of mathematical literature for study and research. The collection offers access to a wide variety of print-based and electronic research tools, including bibliographic databases and research and teaching journals in all areas of mathematics. The collection of e-journals is extensive. Electronic resources are accessible through the University Libraries website.

The Department of Mathematics computer system is available for use in connection with courses and investigations in both pure and applied mathematics.

## Areas of Study

The Department of Mathematics offers a Doctor of Philosophy (PhD) degree and a Master of Arts (MA) degree with a focus in Actuarial Mathematics.

Note that Master's programs are not offered in other areas of mathematics.

Graduate study in mathematics is offered in the areas of algebra, number theory, analysis, topology, geometry, applied mathematics, probability and statistics, numerical analysis, network and information theory, and actuarial mathematics.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Daniel J Allcock
Todd J Arbogast William Beckner
David D Ben-Zvi
Lewis P Bowen
Patrick L Brockett
Luis A Caffarelli
Thomas Chen
Mirela Ciperiani
Jeffrey E Danciger
Matias Gonzalo Delgadino
Bjorn Engquist
Daniel S Freed
Irene M Gamba
Oscar Gonzalez
Cameron M Gordon
Maria Pia Pia Gualdani
Ronny Hadani
Raymond C Heitmann
Arie Israel
Kate Jushchenko
Sean M Keel
Joseph David Kileel
Daniel F Knopf
Hans A Koch
John E Luecke

Francesco Maggi
Per-Gunnar J Martinsson
Peter Mueller
Joseph Neeman
J T Oden
Stefania Patrizi
Natasa Pavlovic
Samuel Payne
Timothy Perutz
Charles L Radin
Samuel David Raskin
Lorenzo A Sadun
Bernd Siebert
Mihai Sirbu
Michael P Starbird
Thibaud Olivier Taillefumier
Ngoc Tran
Philip U Treisman
Yen-Hsi Tsai
Alexis F Vasseur
Mikhail M Vishik
Stephen G Walker
Rachel A Ward
Mary F Wheeler
Thaleia Zariphopoulou
Gordan Zitkovic

## Degree Requirements, Mathematics

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office
and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

Students take 30 semester hours of coursework and the report course. Some students qualify for an option of completing 33 semester hours of coursework (11 courses) without thesis or report; consult the graduate advisor for details. The 30 hours are divided into major and minor areas. The major consists of mathematics courses and the minor area consists of courses that are related to mathematics. Students should consult the graduate advisor about the courses that are allowable for the minor. Students must complete 18 to 24 hours in the major area and 6 to 12 hours in the minor area.

## Master of Arts in Mathematics with a focus in Actuarial Mathematics

A special concentration in actuarial mathematics is available. The MA degree with a focus in Actuarial Mathematics requires completion of at least 33 semester hours of coursework (11 three-credit-hour courses) to include Mathematics 389U, 389V, 389W, 389J, and 389P. Up to nine hours of upper-division undergraduate coursework may be used to satisfy program requirements, with no more than six of those nine in a single subject. At least 18 semester hours must be completed in Mathematics coursework, and at least six hours must be completed in supporting work, or coursework offered outside of Mathematics. Graduate program requirements vary by individual and are determined based upon on each student's exam status on arrival.

## Doctor of Philosophy

The Doctor of Philosophy (PhD) in Mathematics is a research degree designed to prepare students to discover, integrate, and apply knowledge as well as to communicate and disseminate it. At the core of the program is the completion of a research project leading to a dissertation worthy of the PhD degree.

The PhD degree formally requires a minimum of 30 semester hours of advanced coursework, including a minimum of six dissertation hours. High-performing students normally require five to six years of full-time enrollment ( $9-12$ semesters or 81 to 108 semester hours) to complete requirements of the PhD degree. It is quite exceptional (applies to less than $1 \%$ of students, and only in unusual circumstances) that a student is able to complete the requirements in less than nine semesters.

While the overall degree generally requires five to six years, the distribution of the coursework and dissertation components of the degree varies considerably. Among other factors, it depends on the mathematical preparation of the student on entry.

Each student is first required to pass preliminary examinations. The preliminary examinations are given once each semester. Of the 12 Prelim segments, students must pass at least seven in distinct areas, of which at least three must be by exam. A passing grade in a Prelim course is a " $B$ ", while the passing standard for a Prelim exam is determined by the faculty committee administering that exam.

The following list lays out the kinds of coursework required of all PhD students:

- Required coursework: Prelim courses
- Elective coursework: Topics courses and graduate courses offered by other departments
- Conference courses
- Dissertation hours (minimum six hours)

It is of key importance that PhD students identify a faculty research advisor who will supervise their dissertation research as early as possible in the program.

A small advisory committee, including the faculty research advisor, is then set up to approve the student's choice of coursework. This committee administers an advanced examination in the chosen area of specialization. The advanced examination may be given by mutual agreement of the student and the advisory committee at any time after the student has passed the preliminary examinations, but before the end of the student's third year; the student must pass the advanced examination before admission to candidacy will be approved. A detailed description of the procedure for admission to candidacy is available from the graduate advisor.

Students are examined by members of the Graduate Studies Committee in their areas of concentration before admission to candidacy.

## Microbiology

> Master of Arts
> Doctor of Philosophy

## For More Information

Campus address: Norman Hackerman Building (NHB) phone (512)
232-9660, campus mail code: A6500
Mailing address: The University of Texas at Austin, Graduate Program in Microbiology, 1 University Station A4810, Austin TX 78712

E-mail: ilsgrad@austin.utexas.edu
URL: https://ils.utexas.edu/microbiology/

## Areas of Study

Microbiology offers a focused program of study encompassing disciplines in bacteriology, virology, immunology, genetics, and biochemistry, using both prokaryotic and eukaryotic model systems. Visit the program website for more information.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Hal S Alper
Jeffrey E Barrick
Xiaolu Cambronne
Can Cenik
Clarence Shiu Man Chan
Lydia Maria Contreras
Bryan William Davies
Arturo De Lozanne
Jaquelin P Dudley
Lauren Ilyse richie Ehrlich
Andrew Ellington
George Georgiou
Vernita Gordon
Rasika M Harshey
Jon M Huibregtse
Vishwanath R lyer
Makkuni Jayaram

Arlen W Johnson
Jonghwan Kim
Alan Lambowitz
Edward M Marcotte
Andreas Matouschek
Despoina Mavridou
Jennifer A Maynard
Jason McLellan
Kyle M Miller
Ian J Molineux
Nancy A Moran
Howard Ochman
Tanya T Paull
Shelley M Payne
Scott W Stevens
Christopher S Sullivan
Blerta Xhemalce

## Degree Requirements, Microbiology

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

The microbiology graduate program does not accept applications for the master's degree. However, a student accepted into and in good standing with the doctoral program may, at the discretion of the graduate advisor, be permitted to pursue a master's degree in lieu of the PhD. The student must complete 30 semester hours of coursework, including Molecular Biology 190C (any topic), 290C (any topic), 395J, 395M, and 698, and three hours in related fields outside the microbiology program. The student must earn a grade of at least $B$ in Molecular Biology 190C (any topic), 290C (any topic), 395J, and 395M. No more than nine semester hours of upper-division coursework may be counted toward the degree, and no more than six of these nine may be in any one field of study. In addition to the above requirements, a master's degree student must pursue original research under the direction of a faculty member and submit an approved thesis.

## Doctor of Philosophy

To be admitted to candidacy for the doctoral degree, the student must complete their preliminary examination during the spring semester of their second year. This examination consists of a presentation and defense of (1) a mock National Institutes of Health grant proposal on the topic of their PhD thesis research and (2) a proposed Specific Aims page in NIH format on a topic selected by their committee. Students will be admitted to candidacy after the successful passing of this preliminary examination. The candidate will then be required to convene their first meeting with their dissertation committee by the end of the semester following the successful passing of their preliminary examination. Individual programs of study are tailored to the student's interests, but each student must earn a grade of at least $B$ in the following coursework: Molecular Biology 190C (any topic), 290C (any topic), 395 J , and 395 M , and at least three additional hours in graduate lecture courses approved by the graduate advisor. The student must also pursue independent, original research under the direction of a faculty member; the results of this research constitute the dissertation, which fulfills the requirements of the required course Biology 399W. Each student must serve as a teaching assistant for one long-session semester; two six-week summer terms are considered equivalent to a semester. A well-qualified student can usually complete the doctoral degree program in five to seven years.

## Neuroscience

Master of Science in Neuroscience Doctor of Philosophy

## For More Information

Campus address: Norman Hackerman Building Building (NHB) 2.504, phone (512) 471-3640; campus mail code: C7000

Mailing address: The University of Texas at Austin, Institute for Neuroscience, 100 E 24th Street Stop C7000, Austin TX 78712

E-mail: neuroscience@mail.clm.utexas.edu

## Facilities for Graduate Work

The Institute for Neuroscience offers excellent opportunities for multidisciplinary graduate study in the neurosciences. Facilities include those maintained by the participating programs in the Colleges of Natural Sciences, Liberal Arts, Pharmacy, Education, Communication, Dell Medical School and in the Cockrell School of Engineering. Institutional support, training grants, and federal and state grants to investigators in the institute provide stipends and support research. Faculty members throughout the institute participate in interdisciplinary seminars, two semester-long broad based neuroscience courses and multiple topically oriented neuroscience courses. The goal of the institute is to train students to employ multidisciplinary approaches in their careers in neuroscience research, teaching and industry. Toward this end, the faculty seeks to provide a diverse, cohesive, and interactive atmosphere and a flexible curriculum that meets the needs of each individual.

## Areas of Study

Neuroscience encompasses behavioral, systems, cellular, molecular, and computational approaches to understanding the nervous system. The faculty use a wide variety of state-of-the-art techniques for their studies, including functional magnetic and optical imaging, various behavioral analyses of animals and humans, transmission and scanning electron microscopy, molecular and cellular biophysics, cellular- and systems-level neurophysiology, biochemistry, molecular genetics, and various types of computer modeling. The research-intensive environment emphasizes multidisciplinary investigations. The program offers students both a sound education in neuroscience and a broad research experience.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Seema Agarwala
Richard W Aldrich
Nigel S Atkinson
Chandrajit L Bajaj
Dana Harry Ballard
Adela Ben-Yakar
George D Bittner
Darrin H Brager
Steven G Britt
Audrey C Brumback
Frances Anne Champagne
Craig A Champlin
Jessica Alice Church-Lang
Laura Lee Colgin
Lawrence K Cormack
James Patrick Curley
Yvon Delville
Ming-Chieh Ding
Lauren K Dobbs
Juan M Dominguez
Michael Drew
Audrey Duarte
Andrew K Dunn
Joseph Edward Dunsmoor Jr
Christine L Duvauchelle
Johann K Eberhart
Laura K Fonken
Greg Anthony Fonzo
Mike Freedberg
Andrew David Gaudet
Wilson S Geisler III
Nace L Golding
Marcel Goldschen
Rueben A Gonzales
F Gonzalez-Lima
Andrea C Gore
Robbe Lieve Theofiel Goris
Andreana P Haley
Liberty Hamilton
Kristen M Harris
R A Harris
Mary Myleen Hayhoe
Maya L Henry
Johann Hofmann
Mackenzie A Howard
Alexander C Huk
Sara J Hussain
Alexander Huth
Mbemba Jabbi

Andres Jara-Oseguera
Daniel Johnston
Theresa A Jones
John S Kuo
Amy Lee
Hongjoo Joanne Lee
Jarrod Alan Lewis-Peacock
Elizabeth Thomas Cox Lippard
Michela Marinelli
Michael Mauk
Roy D Mayfield
Esther Melamed
Robert Messing
S J Mihic
Risto P Miikkulainen
Jose del R Millan
Marie Helene Monfils
Hitoshi Morikawa
Somshuvra Mukhopadhyay
Luis A Natividad
Ian Michael Nauhaus
Hiroshi Nishiyama
Kimberly Nixon
Linda Jeanne Noble
Caitlin A Orsini
David Paydarfar
Franco Pestilli
Steven M Phelps
Jonathan T Pierce
George D Pollak
Alison R Preston
Nicholas J Priebe
Susanne Ressl
Samantha Rose Santacruz
David M Schnyer
William Schwartz
Eyal Seidemann
Eric Senning
Jason B Shear
Max Snodderly
Stephen M Strakowski
James Samuel Sulzer
Thibaud Olivier Taillefumier
Huiliang Wang
Xuexin Wei
Chen Yu
Harold H Zakon
Boris Zemelman

## Admission Requirements

The requirements of the Graduate School for admission into a Doctor of Philosophy degree program must be met. However, the qualifications of most admitted applicants exceed these minimum requirements. All applicants must hold a bachelor's degree from an accredited college or university, usually in a biological science, chemistry, computer science, experimental psychology, pharmacy, or engineering. Undergraduate preparation should include one year of chemistry, one year of biology, mathematics through calculus, and courses in psychology and physics. However, students without some of these prerequisites may be admitted on the condition that they make up any deficiencies during their first two years of study.

## Degree Requirements, Neuroscience

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Neuroscience

The master's degree program is only granted under special circumstances. The student must have approval of the graduate advisor and director.

## Doctor of Philosophy

Students must complete a core curriculum that includes Neuroscience 382T, Principles of Neuroscience l; Neuroscience 383T, Principles of Neuroscience II; a statistics course; an ethics course; four graduate elective courses in neuroscience; and a graduate seminar in neuroscience. A qualifying exam is taken at the beginning of the second year that consists of an oral exam on fundamental knowledge in neuroscience. Students will also prepare a written literature review and defend it before an examining committee made up of Institute for Neuroscience faculty members who are experts in the relevant scientific areas. All eligible students must submit a predoctoral fellowship application by the end of their third year of study, and all students must serve as a teaching assistant for at least one undergraduate or graduate course.

## Nutritional Sciences

## Master of Science in Nutritional Sciences Doctor of Philosophy

## For More Information

Campus address: Gearing Hall (GEA) 313, phone (512) 471-0337, fax
(512) 471-5844; campus mail code: A2703

Mailing address: The University of Texas at Austin, Graduate Program in Nutritional Sciences, Department of Nutritional Sciences, 200 W 24th Street Stop A2703, Austin TX 78712

E-mail: tomatchity@utexas.edu
URL: https://he.utexas.edu/ntr/graduate-students

## Facilities for Graduate Work

The Department of Nutritional Sciences research faculty are housed within the Dell Pediatric Research Institute (DPRI). The DPRI is a state-of-the-art research facility with over 150,000 gross square feet of research related lab, core facilities, vivarium resources, and administrative space. The DPRI Pediatric Assessment Center (DPAC) is approximately 2,000 square feet of multi-use shared research space dedicated to nutrition and obesity research. Resources of the DPAC include instrumentation for the measurement of body composition, anthropometrics, blood pressure and heart rate, and for performing blood draws and other types of sample collection. The DPAC also includes space for pediatric subject assessment and interviews as well as computing space with dedicated computers for processing nutritional intake data. The DPRI also houses a Histopathology Core (used for histologic and immunohistochemical analysis), Cell and Tissue Analysis Facility Core (confocal microscopy, laser capture microdissection and flow cytometry), and a Molecular Biology Core (genotyping and microarray analyses). Instrumentation
is also available for analysis of vitamins, amino acids, minerals, lipids, carbohydrates, and other substances of nutritional and physiological importance. Local, state, and federal health, child-care, and geriatrics programs provide research and clinical settings. Other resources are the Life Science Library, the Mallet Chemistry Library, the Perry-Castañeda Library, the Animal Resources Center, and Information Technology Services.

## Programs of Study

The Nutritional Sciences graduate program includes study in the following areas: molecular and cellular aspects of nutrient function; molecular and cellular approaches to the study of nutrition and disease; nutritional biochemistry; behavioral and child nutrition; nutrient requirements and intakes and health assessment; nutrition and cancer, obesity, ingestive behavior, aging, immunity; genetics and genomics, community nutrition, and nutrition education.

The Master of Science degree program is designed to prepare individuals for advanced practitioner knowledge, preparation for advanced education in nutrition research, administration in public health programs; research and development positions at food, pharmaceutical, and chemical laboratories; and other nutrition-related fields.

The Doctoral degree program is designed to prepare students for research, teaching, and other academic positions in colleges, universities, government, and industry. Competence in related fields is emphasized, and supporting work is selected from areas such as biochemistry, biology, molecular biology, computer science, genetics, communication, geriatrics, immunology, physiology, kinesiology, psychology, ingestive behavior, or health promotion.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Steven Abrams | Ryan S Gray |
| :--- | :--- |
| Molly S Bray | Christopher A Jolly |
| J Thomas Brenna | Heather Leidy |
| Marissa Burgermaster | Alessia Lodi |
| Jaimie N Davis | Monica Jane Milonovich |
| Linda Ann deGraffenried | Sara Johnson Sweitzer |
| John Digiovanni | Stefano Tiziani |
| James C Fleet | Elizabeth Widen |
| Jeanne H Freeland-Graves |  |

Jeanne Hreeland-Graves

## Admission Requirements

The foundational training of students seeking a graduate degree should include courses in the following fields: inorganic chemistry with laboratory, organic chemistry with laboratory, biochemistry with laboratory, vertebrate or human physiology, cellular and molecular biology, statistics, and nutrition. The Graduate Studies Committee may recommend that some or all of these courses be completed as a prerequisite for admission to the program or in addition to the courses required for the graduate degree.

A handbook available from the graduate coordinator gives details of policies, procedures, and requirements.

## Degree Requirements, Nutritional Sciences

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office
and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science

There are three options to complete a Master of Science in Nutritional Sciences (MSNS). In-residence graduate students can complete 24 credit hours of graduate coursework (described in detail below) combined with six credit hours of original Master's thesis research OR 27 credit hours of graduate coursework combined with three credit hours of Master's Report (a review of the research literature in a specified area of study). Online master's students also have the option of completing 30 credit hours of graduate coursework, without completing a thesis or report. Students who complete a Master's thesis are eligible to transition to the PhD program, while students who complete the Master's Report are not eligible to transition to the PhD program.

In Residence Program. The Master of Science in Nutritional Sciences inresidence program requires 30 credit hours of coursework, distributed as follows: (1) 18 credit hours in specified nutrition courses; (2) six credit hours in a minor or supporting field such as biology, anthropology, biochemistry, immunology, educational psychology, curriculum and instruction, health education, public health, pharmacology, or kinesiology; and (3) six credit hours of Master's thesis, involving an original research project. The 18 credit hours of nutrition coursework must include the following core courses: Nutrition 390 (Topic 1: Advances in Nutritional Sciences I), Nutrition 390 (Topic 7: Advances in Nutritional Sciences II), Nutrition 390 (Topic 6: Molecular Nutritional Sciences), and Nutrition 394, Graduate Seminar in Nutritional Sciences (any topic), and at least six hours in Nutrition 390, Recent Advances in Nutritional Sciences (any topic) and/ or Nutrition 392, Research Problems in Nutritional Sciences (any topic). For students seeking a terminal master's degree, a degree program with Report option (non-original research) is also available. For the Report option, Nutrition 398R and three additional hours in either research methods or Nutrition 390 replace the thesis courses.

Integrated Coordinated Program in Dietetics (ICPD). The ICPD integrated program is designed to allow undergraduate students in the dietetics track to complete their training in an accelerated program that offers undergraduate- and graduate-level coursework, as well as the supervised practice hours required for professional certification to become a Registered Dietitian (RD). The ICPD requires 120 hours of undergraduate coursework (see Undergraduate Catalog for details) and 30 hours of graduate level coursework. For the ICPD, the 30 hours of graduate coursework are distributed as follows: (1) 15 hours in core nutrition courses, including Nutrition 390 (Topic 1: Advances in Nutritional Sciences I), Nutrition 390 (Topic 7: Advances in Nutritional Sciences II), Nutrition 390 (Topic 6: Molecular Nutritional Sciences), Nutrition 380K (Topic 3: Experimental Design and Statistics) and Nutrition 380K (Topic 4: Advanced Experimental Design and Statistics) and (2) 15 hours of graduate coursework in Nutrition 390, Recent Advances in Nutritional Sciences (any topic) and/or Nutrition 392, Research Problems in Nutritional Sciences (any topic), selected from among areas of concentration (health promotion and disease prevention, biochemical and functional nutrition, community nutrition, lifecycle nutrition). Students also have a thesis option, which includes completing the 15 hours of core nutrition courses, along with nine hours in a chosen concentration, and six thesis hours.

Online Program. The Master of Science in Nutritional Sciences (MSNS) online degree program is designed to provide advanced nutrition training to students who have already completed their Bachelor's in nutrition or a related science field such as biology, biochemistry, health education, kinesiology, nursing, medicine or public health. This degree does not provide a path to the Registered Dietitian (RD) certification. For additional information about becoming a registered dietitian, please visit Dietetics' website. For the online MSNS degree, 30 semester hours are
required, distributed as follows: (1) 15 hours in core nutrition courses, including Nutrition 390 (Topic 1: Advances in Nutritional Sciences I), Nutrition 390 (Topic 7: Advances in Nutritional Sciences II), Nutrition 390 (Topic 6: Molecular Nutritional Sciences), Nutrition 380K (Topic 3: Experimental Design and Statistics) and Nutrition 380K (Topic 4: Advanced Experimental Design and Statistics) and (2) 15 hours of graduate coursework in Nutrition 390, Recent Advances in Nutritional Sciences (any topic) and/or Nutrition 392, Research Problems in Nutritional Sciences (any topic), selected from among areas of concentration (health promotion and disease prevention, biochemical and functional nutrition, community nutrition, lifecycle nutrition). Students also have a thesis option, which includes completing the above 15 hours of core nutrition courses, along with nine additional hours in their chosen concentration, and six thesis hours.

## Doctor of Philosophy

The doctoral program typically requires four to five years of full-time study. Students are expected to meet the following requirements for admission to PhD candidacy by the end of the second year. (1) completion of courses conditional to admission; (2) 12 semester hours in nutrition, consisting of the following courses with a grade of at least $B$ in each: Nutrition 390 (Topic 1: Advances in Nutritional Sciences I), Nutrition 390 (Topic 6: Molecular Nutritional Sciences), Nutrition 390 (Topic 7: Advances in Nutritional Sciences II), and Nutrition 394, Graduate Seminar in Nutritional Sciences (any topic); (3) six hours of additional graduate coursework in nutrition (Note: At least three hours of graduate level statistics are required; Nutrition 380K (Topic 3: Experimental Design and Statistics) and Nutrition 380K (Topic 4: Advanced Experimental Design and Statistics) are recommended); (4) six hours of graduate coursework outside nutrition in fields germane to the dissertation research, such as biology, biochemistry, molecular biology, educational psychology, curriculum and instruction, health education, and kinesiology; (5) presentation and defense of a dissertation research proposal and satisfactory response to questions on nutrition and related sciences; and (6) approval by the Graduate Studies Committee of the proposed course plan and proposed dissertation research program. Further supporting work in nutrition or related sciences may be needed to augment the program. All doctoral candidates must write a dissertation based on the results of their original research and must make a formal oral defense of the dissertation. The Graduate Studies Committee must certify that all of the degree requirements have been completed.

## Physics

## Master of Arts Doctor of Philosophy

## For More Information

Campus address: Physics, Math, \& Astronomy Building (PMA) 7.326, phone (512) 471-1664, fax (512) 471-9637; campus mail code: C1600

Mailing address: The University of Texas at Austin, Graduate Program, Department of Physics, 2515 Speedway Stop C1600, Austin TX 78712

E-mail: graduate@physics.utexas.edu
URL: http://www.ph.utexas.edu/

## Facilities for Graduate Work

Modern facilities for graduate study and research include a largescale cryogenic laboratory; extensive facilities for tunneling and force microscopy and nanostructure characterization, SQUID magnetometry, and electron spectroscopy; well-equipped laboratories in optical spectroscopy, quantum optics, femtosecond spectroscopy and
diagnostics, and surface scattering; and facilities including two tabletop 100-terawatt lasers for strong-field physics, studies of wakefield electron acceleration, and a pulsed 50T magnetic field for studies of laser heating of magnetized plasmas, and two petawatt lasers (one Ti-sapphire providing 30J in 30fs and another glass laser at 200J in 150 fs ). The department is a member of LASER NET, a DOE supported consortium of laser laboratories for high energy density plasma physics. The Center for Gravitational Physics conducts research in conjunction with several Gravitational Wave Observatories (ground-based US LIGO, Italian/French Virgo, Japanese Kagra, and the space-based ESA/NASA mission LISA). Plasma physics experiments are conducted at the major national tokamaks in Boston and San Diego. Experiments in high-energy heavy ion nuclear and particle physics are conducted at large accelerator facilities such as the large hadron collider and ALICE at CERN, the STAR detector on the RHIC collider at Brookhaven National Lab, neutrino production at FERMI National Laboratory (Illinois), and Germany's Deutsches Electron Synchrotron.

Theoretical work in plasma physics, condensed matter physics, acoustics, nonlinear dynamics, relativity, astrophysics, statistical mechanics, and particle theory is conducted within the Department of Physics.

Students have access to excellent computer and library facilities, including computers at TACC: Ranger, a multiprocessor computer at 504 Tflops and Stampede which provides 3.5 Pflops in a computer cluster and $7+$ Pflops of coprocessor support.

The department maintains and staffs a machine shop, student workshop, low-temperature and high-vacuum shop, and an electronics design and repair shop.

## Areas of Study

The Department of Physics has active research groups in ten main areas of current physics research: atomic, molecular, and optical physics; classical physics; nuclear physics; statistical and thermal physics; fusion plasma physics and high energy density plasma physics; condensed matter physics; biophysics; nonlinear dynamics; gravitation and cosmology; and elementary particle physics. In most of these fields both experimental and theoretical work is in progress.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Scott J Aaronson
Jose R Alvarado
Timothy R Andeen Jr
Kimberly Kay Boddy
Boris Breizman
Elena Caceres
James R Chelikowsky
William R Coker
Alejandro L De Lozanne
Alexander A Demkov
Duane A Dicus
Jacques Distler
Todd Ditmire
Michael Wayne Downer
James L Erskine
Willy Fischler
Richard Fitzpatrick
Ernst-Ludwig Florin
Daniel S Freed
Katherine Freese
Kenneth W Gentle
Feliciano Giustino
John B Goodenough
Vernita Gordon
Richard D Hazeltine
Bjorn Hegelich
Daniel J Heinzen
Vadim Kaplunovsky
Andreas Karch
John W Keto

## Degree Requirements, Physics

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

It is assumed that the student has an undergraduate background that includes upper-division classical mechanics, electricity and magnetism, statistical mechanics and thermodynamics, and quantum mechanics.

## Master of Arts

The Master of Arts is not a part of the qualifying process for the doctoral degree. First-year students plan the first semester registration with the graduate advisor in physics. Students are encouraged to investigate all research groups in the department before selecting a professor to supervise a thesis project. The degree plan is then designed by the student, the supervising professor, and the graduate advisor. The time involved for completing a master's degree is related to the quality of the student's undergraduate background: the average time for completion by students with a good undergraduate background is one calendar year and one semester.

## Doctor of Philosophy

To be admitted to candidacy for the doctoral degree, the student must (1) fulfill the core course requirement described below; (2) show evidence of exposure to modern methods of experimental physics-this exposure may be gained in an experimental senior thesis or internship completed by the student as an undergraduate and approved by the graduate advisor and the chair of the Graduate Studies Committee, by previous participation in an experimental program, or in Physics 380 N ; and (3) fulfill the oral examination requirement described below.

Core courses. During the first two years of graduate study, the student must take four from among the following core courses: Physics 385 K , $385 \mathrm{~L}, 387 \mathrm{~K}$ or 387 L , and 389 K or 389L. The student must earn an official grade of at least $B$ - in each course and a grade point average of at least 3.33 across the four courses. The student may ask for the grade they earn in Physics 380 N to be substituted for the grade in one of the core courses when the average is computed. A well-prepared student may seek to fulfill the core course requirement by earning satisfactory grades on the final examinations for one or two of these courses rather than by registering for them; in this case, the student does not receive graduate credit for these courses, but the grade is counted toward the required core-course average for the purposes of qualifying.

The oral qualifying examination. After satisfying the first two requirements above, and within 27 months of entering the program, the student must take an oral qualifying examination. The examination consists of a presentation before a committee of four physics faculty members, one of whom is a member of the Graduate Studies Subcommittee (GSSC). The presentation is open to all interested parties. It is followed by a question period restricted to the student and the committee. The questions during this session are directed toward clarifying the presentation and helping the committee determine whether the student has a solid grasp of the basic material needed for research in their specialization. The student passes the examination by obtaining a positive vote from at least three of the four faculty members on the oral qualifying committee.

Each Program of Work for the doctoral degree must include at least four advanced courses in physics (with a letter grade of at least B-, at least one of which must be in a specialty other than that of the student's dissertation; a list of acceptable courses is maintained by the GSSC. In order to provide greater flexibility particularly for multidisciplinary degrees, one of the four advanced courses may be selected from courses outside of the department, such a course must be approved by the GSSC. A dissertation is required of every candidate, followed by a final oral examination covering the dissertation and the general field of the dissertation.

## Plant Biology

Master of Arts Doctor of Philosophy

## For More Information

Campus address: Norman Hackerman Building (NHB) 2.634, phone (512) 471-8490, fax (512) 232-3699; campus mail code: A6500

Mailing address: The University of Texas at Austin, Plant Biology
Graduate Program, 100 E 24th Street Stop A6500, Austin TX 78712
E-mail: tamra@austin.utexas.edu
URL: https://integrativebio.utexas.edu/plant-biology-graduate-program

## Areas of Study

Graduate study in plant biology is available in the following areas: algal physiology, plant biochemistry, cell biology, development, ecology, evolution, molecular biology, natural products chemistry, photobiology, phycology, plant anatomy, plant biogeography, plant morphology, plant physiology, population biology, systematics, and ultrastructure.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Z Jeffrey Chen
Deana L Erdner
Caroline E Farrior
Norma L Fowler
Lawrence E Gilbert
Justin C Havird
Enamul Huq
Robert K Jansen
Shalene Jha
Thomas E Juenger
Donald A Levin

## Admission Requirements

The undergraduate training of students planning to undertake graduate study in plant biology should ordinarily include at least 24 semester hours in plant biology and/or other biological sciences. At least 12 of these must be in upper-division work. This requirement in the major should be supported by coursework in the other sciences, especially chemistry, physics, and mathematics.

## Degree Requirements, Plant Biology

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Arts

At least 30 semester hours of coursework, including Biology 698 or 398R, are required. The coursework must include a minor of six hours of work acceptable for graduate credit in another area or areas. In general, at least one full year (including the summer) is needed to meet the requirements for the master's degree.

## Doctor of Philosophy

Mastery of an integrated and meaningful program of graduate study is deemed more important than the completion of a prescribed number of semester hours. Most programs include at least four graduate courses in plant biology. Further supporting work in related sciences augments the program.

Admission to candidacy for the Doctor of Philosophy degree requires approval of the Graduate Studies Committee and is based on the total record of the student, performance in graduate courses, and such further examinations as the committee may require. A research proposal, written by the student, is a major part of the qualifying exam, which is administered by the student's Qualifying Exam Committee by the end of the second year in residence.

## Statistics

Master of Science in Statistics
Doctor of Philosophy

## For More Information

Campus address: Welch Hall (WEL) 5.216, phone (512) 232-0693, fax (512) 475-8297, campus mail code: D9800

Mailing address: The University of Texas at Austin, Graduate Program in Statistics, Department of Statistics and Data Science, 105 E. 24th St. Stop D9800, Austin TX 78712

E-mail: black@austin.utexas.edu
URL: https://stat.utexas.edu/academics\#graduate-programs

## Facilities for Graduate Work

The Department of Statistics and Data Sciences (SDS) is primarily located in Welch Hall, which houses the department's administrative suites and office space for the tenured/tenure-track faculty. PhD students and postdocs have shared office space in Welch Hall. This newly renovated space also includes three state-of-the-art conference rooms and a flexible collaboration space. In addition, the department maintains a footprint in the Dell Gates Complex (GDC), which is located immediately across the street from Welch Hall. The department's instructional faculty have offices in GDC and flexible space is used for informal instruction and office hours. The department's statistical consulting center is located in GDC. The department partners with the Population Research Center and the Texas Advanced Computing Center to provide support for secure data and computationally-intensive research.

## Areas of Study

Graduate degree candidates are expected to develop broad competence in the discipline of Statistics as a whole as well as expertise in their chosen area of concentration. The Master of Science in Statistics is a two-year program that offers advanced training for students in classical and modern statistical methods. The program is designed for students preparing for careers in statistical professions, as well as those seeking additional statistical training while pursuing a doctoral degree in another discipline. The PhD in Statistics is a four-year degree that focuses on training students in the theory and practice of modern statistical science and computation so that they are prepared to make novel contributions to the field. Major emphasis is placed on training in application-driven methodological research, probability modeling, and statistical computation. Throughout the program, students are exposed to central ideas of both Bayesian and classical approaches to statistical inference, as well as statistical machine learning methodology.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Jay Bartroff
Tasha Beretvas
J Eric Bickel
Catherine Calder
Carlos Marinho Carvalho
Lawrence K Cormack
Paul Damien
Arya Farahi
Arbel Harpak
John J Hasenbein
Nhat Ho
Mevin Hooten
Stephen August Jessee
Timothy H Keitt
Tse-Min Lin
Antonio Linero
Lauren A Meyers
Douglas J Morrice
Peter Mueller
Jared Scott Murray

Marc A Musick
Vagheesh M Narasimhan
Layla Parast
Daniel A Powers
Paul Joseph Rathouz
Brian E Roberts
Maytal Saar-Tsechansky
Thomas W Sager
Abhra Sarkar
Purnamrita Sarkar
James G Scott
Thomas S Shively
Bindu Viswanathan
Paul Von hippel
Stephen G Walker
Claus O Wilke
Sinead Williamson
Mingyuan Zhou
Corwin Zigler

## Degree Requirements, Statistics

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

Prior to admission to the program, the student should demonstrate a background knowledge of mathematics and statistics equivalent to that acquired in upper-division courses in probability and statistics. Deficiencies may be made up by taking courses suggested by the graduate advisor. In most cases, these courses may not be counted toward the degree.

## Master of Science in Statistics

A master's degree may be obtained with report or without report (coursework only). Both options require a Program of Work consisting of 30 semester hours of coursework ( 10 courses). The report option also requires satisfactory completion of a written report and one associated three-hour report course taken on credit/no credit basis for a 33hour total. Pursuit of the report option requires the student to find a willing supervising professor who is a member of the Graduate Studies Committee for the graduate program in Statistics.

Degree requirements for both options are distributed as follows: (1) five core courses that provide a foundation for further study, including the following coursework with a grade of at least $B$ : a two-course sequence in theoretical statistics, two courses in statistical modeling, and one course in Bayesian statistics, (2) nine hours of statistics courses chosen from an approved list, including three hours of SDS coursework; (3) six hours of supporting coursework, which may be in a subject area other than statistics but must be logically related and, together with the other degree coursework, constitute a coherent degree program. The report option also requires three hours of master's report, which is expected to approximate a publishable journal article in length and quality.

## Doctor of Philosophy

A doctoral student in statistics must complete a core set of courses in statistical theory and methods. At the end of the first year, students must complete a preliminary written examination covering the main concepts in these core courses. By the end of the second year, students must successfully present a plan of study and demonstrate research proficiency in an oral examination to qualify for candidacy. Students
are expected to write and defend their dissertation within two years of admission to candidacy.

## Courses, Natural Sciences

Please see the General Information Catalog for a list of courses. The following fields of study are housed at the college level: Natural Sciences (NSC) and UTeach-Natural Sciences (UTS).

## Courses, Biology Instruction Office

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Biology Instruction Office: Biology (BIO).

## Courses, Department of Astronomy

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Astronomy: Astronomy (AST).

## Courses, Department of Chemistry

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Chemistry: Chemistry (CH).

## Courses, Department of Computer Science

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Computer Science: Computer Science (C S).

## Courses, Department of Marine Science

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Marine Science: Marine Science (MNS).

## Courses, Department of Mathematics

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Mathematics: Mathematics (M).

## Courses, Department of Molecular Biosciences

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Molecular Biosciences: Biochemistry (BCH) and Molecular Biology (MOL).

## Courses, Department of Neuroscience

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Neuroscience: Neuroscience (NEU).

## Courses, Department of Physics

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Physics: Physics (PHY).

## Courses, Department of Statistics and Data Sciences

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Statistics and Data Sciences: Data Science (DSC) and Statistics and Data Sciences (SDS).

## Courses, School of Human Ecology

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the School of Human Ecology: Human Ecology (HE).

## Courses, Department of Human Development and Family Sciences

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Human Development and Family Sciences: Human Development and Family Sciences (HDF).

## Courses, Department of Nutritional Sciences

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Department of Nutritional Sciences: Nutrition (NTR).

## Courses, Division of Textiles and Apparel

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Division of Textiles and Apparel: Textiles and Apparel (TXA).

## School of Nursing

Master of Science in Nursing<br>Doctor of Philosophy<br>Doctor of Nursing Practice

[^1]Doctor of Philosophy program, are reviewed periodically by the Texas Higher Education Coordinating Board.

## For More Information

Campus address: School of Nursing, phone (512) 471-7927 fax (512) 232-4777; campus mail code: D0100

Mailing address: The University of Texas at Austin, Graduate Student Services, School of Nursing, 1710 Red River Street Stop D0100, Austin TX 78712-1499

E-mail: nugrad@uts.cc.utexas.edu
URL: http://nursing.utexas.edu

## Facilities for Graduate Work

In addition to the extensive library and computer resources of the University, certain special resources within the School of Nursing provide support for graduate work.

The Cain Center for Nursing Research. The focus of this office is the promotion of funded research by nursing faculty members. The staff provides support and consultation services and compiles information about opportunities for research funding and presentations, including some for which graduate students are eligible. The computer laboratory is used for graduate courses and is available for graduate student research projects. The Cain Center also provides employment opportunities for graduate students interested in experience as research assistants.

The Learning Enhancement and Academic Progress (LEAP) Center. The LEAP Center is a link to a variety of services to optimize student support and development. The center contains a simulation and skills lab, where students practice basic to advanced psychomotor skills; student academic support - including individual academic counseling, academic peer tutoring; study skills workshops, and a Computer Testing Center. LEAP Center staff offer referrals to campus services.

Clinical research and practice sites. The School of Nursing has access to a variety of private practice, community, and state facilities for field research and clinical placement. These include all major health care facilities in Austin and surrounding communities.

## Areas of Study

Graduate work in the School of Nursing may lead to the Master of Science in Nursing, Doctor of Nursing Practice, Doctor of Philosophy, a post-master's Advanced Practice Registered Nurse certificate, and a Teaching Nursing certificate. The master's degree program is designed to give students theoretical, analytical, and clinical knowledge and skills needed for specialized nursing practice. Those preparing for advanced practice should choose either the clinical nurse specialist track, with a concentration in adult-gerontology nursing; or the nurse practitioner track, with a concentration in family, primary care pediatric, acute care pediatric, or psychiatric mental health. Students preparing for a career emphasizing leadership in the emerging health care system should choose the leadership in diverse settings track.

The Doctor of Nursing Practice (DNP) program emphasizes leadership in the clinical area through the application of evidence-based practice and knowledge to solve problems and create a culture of change through leadership. Graduates of the DNP program typically enter clinical leadership positions in health care institutions and faculty positions in schools of nursing.

The Doctor of Philosophy (PhD) program emphasizes the acquisition of a sound foundation in nursing science and research methods as a basis for developing nursing knowledge and scholarship. Graduates of the PhD program typically enter positions in nursing education, research, or executive management of health care agencies. Some prepare to make contributions to the development of nursing theory or health policy.

The Advanced Practice Registered Nurse certificate program is a postmaster's nursing program for students wishing to complete coursework necessary to sit for national certification as an Adult-Gerontology Clinical Nurse Specialist, Family Nurse Practitioner, Primary Care Pediatric Nurse Practitioner, Acute Care Pediatric Nurse Practitioner, or PsychiatricMental Health Nurse Practitioner.

The Teaching Nursing stackable certificate program is designed for nurses who are seeking to enhance their teaching pedagogy and skills in preparation for teaching nursing in academic and clinical programs.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Gayle J Acton
Heather A Becker
Richard Allen Brown
Jane Dimmitt Champion
Tanya M Coakley
Heather E Cuevas
Alexandra A Garcia
Tracie C Harrison
Elizabeth M Heitkemper
Ashley M Henneghan
Sharon D Horner
Karen Johnson
Melessa Kelley
Shelli Kesler
Miyong Kim
Jung Kwak
Yang Li

John Ronald Lowe<br>Nico Osier<br>Carolyn Phillips<br>Kavita Radhakrishnan<br>Donna L Rew<br>Hyekyun Rhee<br>Alexa M Stuifbergen<br>Megan Christine Thomas Hebdon<br>Whitney A Thurman<br>Gayle M Timmerman<br>Lorraine O Walker<br>Michelle L Wright<br>Bo Xie<br>Linda H Yoder<br>Cara Young<br>Julie A Zuniga

## Admission Requirements

## Master of Science in Nursing

The Master of Science in nursing degree is designed for registered nurses who want to become nursing leaders or certified advanced practice nurses. The entering student normally holds a bachelor's degree from a program accredited by the National League for Nursing or the Commission on Collegiate Nursing Education and holds a registered nurse license that allows the student to practice as a registered nurse in Texas. Registered nurses with non-nursing baccalaureate degrees may also apply to the Master of Science in Nursing (MSN) program. Applicants who wish to pursue the Primary Care Pediatric Nurse Practitioner track must have one year of clinical practice experience as a registered nurse within the last five years by the application deadline to be considered for admission. Applicants who wish to pursue the Acute Care Pediatric or the Family Nurse Practitioner tracks must have two years of clinical practice experience as a registered nurse within the last five years by the application deadline to be considered for admission. Please visit the Advanced Practice Nursing website for more information.

Factors considered in the admission decision include satisfactory scores on the Graduate Record Examinations General Test, with attention given to the relative balance between verbal and quantitative scores; a grade point average of at least 3.00 in upper-division and graduate coursework; information derived from academic and professional
references; professional background and goals; and proficiency in the English language. An interview may also be required. The composite picture presented by these factors is an important part of the admission review and decision.

## Master of Science in Nursing: Alternate Entry

The alternate entry program is designed for the student who has no previous degrees in nursing, who desires a career in nursing practice, and who holds at least a bachelor's degree in a discipline other than nursing. The program is fully approved by the Texas Board of Nursing and is nationally accredited. Program options for alternate entry students include Leadership in Diverse Settings, Adult-Gerontology Clinical Nurse Specialist, Primary Care Pediatric Nurse Practitioner, and Psychiatric/ Mental Health Nurse Practitioner.

Admission requirements include at minimum a bachelor's degree in a discipline other than nursing; satisfactory scores on the Graduate Record Examinations General Test, with attention given to the relative balance between verbal and quantitative scores; a grade point average of at least 3.00 in upper-division and graduate coursework; satisfactory academic and/or professional references; personal and professional goals compatible with the purpose of the program; and proficiency in the English language. An interview may also be required. The composite picture presented by these factors is an important part of the admission review and decision.

## Doctor of Nursing Practice

The Doctor of Nursing Practice degree prepares nurses to practice and provide leadership at the highest levels in healthcare and clinical nursing education. The entering student must be a registered nurse who holds either a bachelor's and a master's degree in nursing from a program accredited by the National League for Nursing, the Commission on Collegiate Nursing Education, or a bachelor's degree in nursing and a master's in a related field or a recognized degree from a foreign academic institution. Factors considered in the admission decision include; a grade point average of at least 3.00 in upper-division and graduate coursework; eighteen months of professional nursing work experience; current Texas RN licensure or Texas Board of Nursing eligible; information derived from academic and professional references; professional background; a satisfactory interview; and proficiency in the English language. The composite picture presented by these factors is an important part of the admission review and decision.

## Doctor of Philosophy

The Doctor of Philosophy in Nursing degree is designed for the student who desires a career as a nurse scientist. The entering student must be a registered nurse who holds either a bachelor's or a master's degree in nursing from a program accredited by the National League for Nursing, the Commission on Collegiate Nursing Education, or a recognized degree from a foreign academic institution. The occasional student who holds no master's degree or a master's degree in another discipline will be required to complete prescribed graduate bridge courses in nursing as a condition of admission. Bridge courses are not counted toward degree requirements. These students may also choose to complete a Master of Science in Nursing degree en route to the Ph.D.

Factors considered in the admission decision include satisfactory scores on the Graduate Record Examinations General Test, with attention given to the relative balance between verbal and quantitative scores; a grade point average of at least 3.00 in upper-division and graduate coursework; information derived from academic and professional references; professional background; congruence of the student's research goals with the expertise of the nursing faculty; a satisfactory interview; and
proficiency in the English language. The composite picture presented by these factors is an important part of the admission review and decision.

## Doctor of Philosophy: Alternate Entry

The alternate entry program is designed for the student who has no previous degrees in nursing, who desires a career as a nurse scientist, and who holds a bachelor's degree in a discipline other than nursing. The program is fully approved by the Texas Board of Nursing. Alternate-entry Ph.D. students may choose to complete a Master of Science in Nursing degree en route to the Ph.D.

Factors considered in the admission decision include; satisfactory scores on the Graduate Record Examinations General Test, with attention given to the relative balance between verbal and quantitative scores; a grade point average of at least 3.00 in upper-division and graduate coursework; information derived from academic and professional references; professional background; congruence of the student's research goals with the expertise of the nursing faculty; a satisfactory interview; and proficiency in the English language. The composite picture presented by these factors is an important part of the admission review and decision.

## Advanced Practice Registered Nurse Certification

Factors considered in the admission decision include a grade point average of at least 3.00 in upper-division and graduate coursework; information derived from academic and professional references; professional background and goals; and proficiency in the English language. An interview may also be required. The composite picture presented by these factors is an important part of the admission review and decision.

## Nursing: Teaching Certification

Factors considered in the admission decision include a grade point average of at least 3.00 in upper-division and graduate coursework; information derived from academic and professional references; professional background and goals; and proficiency in the English language. The composite picture presented by these factors is an important part of the admission review and decision.

## Degree Requirements, Nursing

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Science in Nursing

All students are expected to complete an approved upperdivision statistics course prior to the first semester of enrollment.

The advanced practice registered nurse tracks (Adult-Gerontology Clinical Nurse Specialist, Family Nurse Practitioner, Primary Care Pediatric Nurse Practitioner, Acute Care Pediatric Nurse Practitioner, and Psychiatric-Mental Health Nurse Practitioner) require a minimum of 48 semester hours of coursework. The Leadership in Diverse Settings track requires a minimum of 39 hours.

Preparation of a thesis is optional; when this option is chosen, an additional three to six semester hours are required.

Program components are (1) core courses that provide advanced theoretical and empirical research knowledge and a deeper understanding of professional issues; (2) courses in the student's track/
concentration; (3) advanced practice core courses; and (4) supporting/ elective courses, which may include courses from outside nursing.

## Master of Science in Nursing: Alternate Entry

Prerequisite courses in upper-division statistics and the natural and behavioral sciences must be completed prior to enrollment. Of the required prerequisites, the courses in anatomy and microbiology and any other three must be completed by December 31 of the application year. All students must be fully compliant with program requirements prior to starting the program, including completing all seven required prerequisite courses, criminal background clearance from the Texas Board of Nursing prior to beginning the alternate entry pre-licensure summer courses. All pre-licensure courses must be completed with a grade of at least $C$ to progress to the post-licensure alternate entry curriculum.

Practicing nurses and nursing students are held to high standards of competence in order to perform responsible and safe care. Successful completion of the nursing program requires that students demonstrate the ability to effectively and safely perform several essential skills. Additionally, students must demonstrate proficiency in interpersonal and organizational skills, as well as ethical comportment. Students considering this major must meet the required standards. For more information, please see Professional and Technical Standards for Nursing Practice (PDF).

The alternate-entry student is eligible to take the licensure examination to become a registered nurse (NCLEX-RN) in the state of Texas after completing 38 semester hours of foundation courses. The student must pass Nursing 290S and have an unencumbered nursing license in order to enroll in graduate nursing courses beyond the foundation year. Depending on the chosen track, students must complete a minimum of 74 to 83 semester hours of coursework.

Preparation of a thesis is optional; when this option is chosen, an additional three to six semester hours are required.

Program components are (1) accelerated foundation courses in all major clinical areas of nursing; (2) core courses that provide advanced theoretical and empirical research knowledge and a deeper understanding of professional issues; (3) courses in one of the nursing tracks available to the alternate-entry student; (4) advanced practice core courses, and (5) supporting/elective courses, which may include courses from outside nursing.

## Doctor of Nursing Practice

Students will complete nine hours of core courses before enrolling in supporting or practicum courses. Following the completion of the core courses, 24 hours of supporting courses can be taken in any order. Additionally, a minimum of 12 hours of practicum specialization courses are taken in sequential order after the core courses are completed. Within these practicum specialization seminars, students will select and develop an area of focus that will culminate in the Doctor of Nursing Practice (DNP) scholarly project.

## Doctor of Philosophy

All students are expected to complete an approved upperdivision statistics course prior to the first semester of enrollment. In addition, all students must pass a doctoral preliminary examination in their second year before entering candidacy for the degree. Students must complete at least 57 semester hours of coursework. Established
milestones must be completed for students to progress and complete the Doctor of Philosophy program in nursing.

The degree program requires completion of the following coursework: (1) core courses focused on advanced theory, analytical, and research methods and skills; (2) seminars and related supporting courses in a focused area of study; (3) research practicum courses; and (4) dissertation courses leading to the completion of approved research for the dissertation.

## Doctor of Philosophy: Alternate Entry

Prerequisite courses in upper-division statistics and the natural and behavioral sciences must also be completed prior to enrollment. Of the required prerequisites, the courses in anatomy and microbiology must be completed by December 31 of the application year. All students must be fully compliant with program requirements, including clearance of a background check from the Board of Nursing prior to beginning the alternate entry pre-licensure summer courses. All pre-licensure courses must be completed with a grade of at least $C$ to progress in the alternate entry curriculum.

Practicing nurses and nursing students are held to high standards of competence in order to perform responsible and safe care. Successful completion of the nursing program requires that students demonstrate an ability to effectively and safely perform several essential skills. Additionally, students must demonstrate proficiency in interpersonal and organizational skills, as well as ethical comportment. Students considering this major must meet the required standards. For more information please view Professional and Technical Standards for Nursing Practice (PDF).

The alternate-entry Ph.D. student is eligible to take the licensure examination to become a registered nurse (NCLEX-RN) in the state of Texas after completing thirty-eight semester hours of foundation courses. The student must pass Nursing 290S and have an unencumbered nursing license in order to enroll in graduate nursing courses beyond the first semester of courses following the foundation courses. The student must pass a doctoral preliminary examination before entering candidacy for the doctoral degree. Students must complete at least 106 semester hours of coursework. Established milestones must be completed for students to progress and complete the Doctor of Philosophy program in nursing.

Program components are: (1) accelerated foundation courses in all major clinical areas of nursing; (2) master's level bridge courses, which provide advanced theoretical and research knowledge and a deeper understanding of professional issues; (3) doctoral core courses focused on advanced theory, analytical, research methods and skills; (4) seminars and related supporting courses in a focused area of study; (5) research practicum courses; and (6) dissertation courses leading to the completion of approved research for the dissertation.

## Advanced Practice Registered Nurse Certification

The post-master's Advanced Practice Registered Nurse Certification (APRN) certificate programs are designed for those nurses who have a master's degree in nursing from a program accredited by the National League for Nursing or the Commission on Collegiate Nursing Education or a recognized degree from a foreign academic institution and wish to complete the course work necessary to sit for national certification as an APRN. Students choose a certificate track as a Family Nurse Practitioner, Primary Care Pediatric Nurse Practitioner, Psychiatric-Mental Health Nurse Practitioner, Acute Care Pediatric Nurse Practitioner, or AdultGerontology Clinical Nurse Specialist. Upon completion of the advanced practice coursework, one of the following will appear on the student's
transcript: Family Nurse Practitioner, Pediatric Nurse Practitioner, Psychiatric-Mental Health Nurse Practitioner, Acute Care Pediatric Nurse Practitioner, or Adult-Gerontology Clinical Nurse Specialist.

## Nursing: Teaching Certification

The Certificate in Nursing: Teaching is designed for nurses who are seeking to enhance their teaching pedagogy/skills and also for those who are seeking an academic career in teaching nursing. For those students who hold a master's or higher degree, the Certificate in Teaching Nursing will qualify them to sit for the National League for Nursing's certification exam, Certified Nurse Educator.

## Legal Requirements

In the interest of public safety, there are legal restrictions on enrollment in some nursing courses and on eligibility for RN licensure. Factors that may make an individual ineligible for licensure in Texas include prior denial of a license by a licensing authority; disciplinary action by a licensing/certifying authority; conviction for a crime other than a minor traffic violation; diagnosis/treatment/hospitalization in the past five years for schizophrenia or other psychotic disorders, bipolar disorder, paranoid personality disorder, antisocial personality disorder, or borderline personality disorder; addiction or treatment for addiction to alcohol or any other drug during the previous five years; and having been issued a declaratory order concerning eligibility for NCLEX examination or licensure or having received a proposal of ineligibility by the Texas Board of Nursing.

To avoid delay in course enrollment, delay or denial of licensure, or possible disciplinary action and criminal prosecution for later discovery of falsified records, those with a history of any of the factors listed above are strongly urged to apply for a determination of eligibility for licensure. Request for a determination should be made as early as possible, prior to or upon enrolling in the nursing program. Such a determination, called a Declaratory Order, is issued by the Texas Board of Nursing. Issuance of a Declaratory Order takes a minimum of three to six months. More information is available on the Texas Board of Nursing website.

## Compliance

Students must provide documentation confirming completion of compliance requirements prior to commencement of degree program. Log in to the School of Nursing intranet site for more information.

- Medical clearance requirements-immunizations.
- Criminal background check-required of alternate entry students and registered nurses who received initial licensure prior to 2003. Students with concerns about eligibility are urged to seek an official determination from the Texas Board of Nursing six months in advance of beginning clinical courses to allow sufficient time for Texas Board of Nursing approval.
- Drug screen-a clear drug screen to be completed one month prior to the first day of class in the first semester of a student's program.
- CPR certification (Basic Life Support for Health Care Providers, offered by the American Heart Association).
- Basic first aid certification for alternate entry students only.
- Professional liability insurance (purchased each year through the School of Nursing).
- Completion of School of Nursing orientation training modules.
- Completion of School of Nursing scholastic dishonesty and professional integrity and honor code forms.
- Licensure as a registered nurse in Texas or holds a license that allows the student to practice as a registered nurse in Texas (except for alternate-entry students in foundation courses).
- Employment background check.


## Stackable Certificate Programs, Nursing

Stackable graduate certificates are available to degree-seeking and non-degree-seeking graduate students. Some stackable certificates may be awarded following completion of program requirements, while others require simultaneous awarding of the graduate certificate and a graduate degree.

See the Stackable Certificates section (p. 14) of this catalog for additional information and policies related to stackable certificates.

The graduate program for this catalog section offers the following stackable certificate programs. To see a full list of graduate certificates offered at the University, please see the Graduate Study (p. 8) section of the Graduate Catalog.

## Nursing: Teaching

The Nursing: Teaching stackable certificate is designed for nurses who are seeking to enhance their teaching pedagogy/skills and also for those who seek an academic career in teaching nursing. The program requires completion of nine semester credit hours of coursework and is available to degree-seeking and non-degree-seeking students. All courses required for program completion are offered in an online format in accordance with University policies that govern non-formula-funded (Option III) programs.

| Requirements |  | Hours |
| :--- | :--- | :--- |
| N 390U | Foundations of Nursing Education | 3 |
| N 390V | The Art and Science of Teaching <br> Nursing | 3 |
| N 390W | Role of the Nurse Educator | 3 |
| Total Hours |  | 9 |

## Courses, Nursing

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the School of Nursing: Nursing (N).

## College of Pharmacy

 Pharmaceutical SciencesMaster of Science in Pharmaceutical Sciences<br>Doctor of Philosophy

## For More Information

Campus address: Pharmacy Building (PHR) 4.220, phone (512) 471-6590; campus mail code: A1900

Mailing address: The University of Texas at Austin, Graduate Program, College of Pharmacy, 2409 University Avenue Stop A1900, Austin TX 78712

E-mail: PGSGradStudies@austin.utexas.edu

URL: https://pharmacy.utexas.edu/degrees-programs/graduate-studies

## Facilities for Graduate Work

State-of-the-art research facilities are available for graduate education. Laboratories are equipped with the latest instrumentation and specialized support units for research in all of the areas of study mentioned below. Research space on the Austin campus is located in two pharmacy buildings, the Biomedical Engineering Building, the Dell Pediatric Research Institute, and in the Animal Resources Center. In San Antonio, basic laboratory and clinical research space is available in the McDermott Building on the campus of the University of Texas Health Science Center, and at affiliated institutions. Additional facilities for collaborative research in Austin are available in the College of Natural Sciences, the Cockrell School of Engineering, the Institute for Neuroscience, and the Institute for Cellular and Molecular Biology. Students pursuing either the MS or PhD in the Pharmacotherapy area will have courses, lab and clinical hours in San Antonio. Students in both Austin and San Antonio have access to extensive electronic journal holdings through the University Libraries website.

Drug Dynamics Institute. The Drug Dynamics Institute provides novel approaches and solutions that promote the preclinical development of technologies, facilitate bioscience startups, and cultivate interdisciplinary technology readiness utilizing state of the art translational research tools, laboratory facilities, and educational approaches. The Drug Dynamics Institute uses its extensive scientific expertise in seamless collaboration with our academic, industry, and government partners to foster and facilitate advancement of health innovations leading to human clinical trials. The institute serves as a training opportunity for graduate and postdoctoral researchers across the health disciplines working on projects ranging from material characterization and formulation new therapies to conduction analytical, animal, and stability studies to allow innovations to move from preclinical development to clinical trials. The Drug Dynamics Institute closes the gap between academia and industry in three key areas: TherapeUTex: a preclinical core lab/service center, UTech Dorm Room: the wet lab incubator spacer bioscience startups, and Technology Readiness: innovation, entrepreneurship, and education programs.

## Texas Center for Health Outcomes Research and Education

(TxCORE). Texas Center for Health Outcomes Research and Education (TxCORE). TxCORE addresses population and individual patient health through innovative, high-quality research and education, and serves our community by responding to critical health care issues that impact patients' daily lives. The interdisciplinary team of researchers has expertise in health care utilization and costs, health outcomes and value assessment, medication use and adherence, health behavior and health disparities, public health and policy, and integrative clinical practice, pharmacy practice, and education. The Center's researchers and graduate students provide research design, data collection, and data analysis expertise to health care providers, payers, institutions, and organizations, as well as the pharmaceutical industry. Center personnel also develop, present, and support educational programs focused on the delivery of high-quality health care. For more information, visit the TxCORE website.

Center for Molecular Carcinogenesis and Toxicology. The University of Texas at Austin has established an interdisciplinary Center for Molecular Carcinogenesis and Toxicology (CMCT). The mission of the CMCT is to provide leadership for the expansion of programs in environmental health sciences education and research. The CMCT is supported by the College of Pharmacy and also involves faculty in the College of Natural Sciences and the University of Texas M. D. Anderson Cancer Center, Department
of Carcinogenesis, located in Smithville, Texas, about 40 miles east of Austin.

The CMCT fosters interdisciplinary graduate training programs by providing the mechanism by which students can work with a range of faculty interested in toxicology. This includes facilitating interdisciplinary research collaborations and providing ancillary student and research infrastructure support. The center's faculty represent a wide variety of scientific disciplines, including pharmacology, toxicology, medicinal chemistry, pharmaceutics, neuroscience, nutrition, biochemistry, chemistry, marine biology, and civil and mechanical engineering.

Addiction Science Research and Education Center (ASREC). Addiction treatment professionals, medical personnel (physicians, pharmacists, nurses), social workers, psychologists, law enforcement personnel, teachers, students, and the general public are often not aware of the newest research in addiction science. This website is designed to help scientists educate the above groups to better understand the science of addiction, and to overcome myths about drug abuse and addiction. In these pages, we discuss topics such as what addiction is and what it is not, the latest theories (and facts) regarding the causes of addiction, methods for treating drug addiction, and ways in which new research is changing our beliefs about how to best control not only all drug addictions, but how to prevent and treat mild and moderate substance use disorders.

## Areas of Study

The College of Pharmacy offers graduate study leading to the Master of Science in Pharmaceutical Sciences and the Doctor of Philosophy with a major in pharmaceutical sciences. Both degrees are STEM Designated Degree Programs, as identified by the Department of Homeland Security for purposes of the 24-month STEM optional practical training extension. Areas of doctoral specialization are: chemical biology and medicinal chemistry, pharmacology and toxicology, molecular pharmaceutics and drug delivery. Areas of masters and doctoral specialization are: health outcomes and pharmacotherapy. Students pursuing either the Master of Science or the Doctor of Philosophy who hold a PharmD degree from a pharmacy program accredited by the Accreditation Council for Pharmacy Education have opportunities for advanced practice training. They may complete a specialty practice residency while pursuing the graduate degree. More information is available from the graduate advisor.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Jamie C Barner
Carolyn M Brown
M Lynn Crismon
Maria A Croyle
Zhengrong Cui
Kevin N Dalby
Patrick J Davis
Sharon DeMorrow
John Digiovanni
Christine L Duvauchelle
Walter L Fast
Laura K Fonken
Christopher R Frei
Debadyuti Ghosh
Rueben A Gonzales
Andrea C Gore
Michael T Johnsrud
Hyeun Ah Kang
Dawit Kidane-Mulat
Jim M Koeller
Yui-Wing F Lam
Kenneth A Lawson
Grace Lee
Seongmin Lee

Hung-Wen Liu
Mohammed Maniruzzaman
Michela Marinell
Robert Messing
S J Mihic
Leticia R Moczygemba
Somshuvra Mukhopadhyay
Luis A Natividad
Kimberly Nixon
Chanhyun Park
Samuel Poloyac
John T Powers
Karen L Rascati
Kelly Renee Reveles
Kristin McKeithan Richards
John H Richburg
Stephen R Saklad
Hugh D Smyth
Carla L Vandenberg
Karen Marie Vasquez
Christian P Whitman
Robert O Williams III
Kun Yang
Feng Zhang

## Admission Requirements

The applicant should have a bachelor's degree in pharmaceutical sciences, biology, chemistry, or a related field, or a professional pharmacy degree from an accredited institution in the United States or another country. Students are admitted to the program upon recommendation of the Graduate Studies Committee, provided that their undergraduate training includes appropriate work in fields related to the pharmaceutical and health sciences. Applicants without the appropriate background may be required to complete additional coursework after admission. For some areas of study, preference is given to students who have a Doctor of Pharmacy degree from a college accredited by the Accreditation Council for Pharmacy Education. Preference is also given to applicants for the doctoral degree.

## Degree Requirements, Pharmaceutical Sciences

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

Pharmacy Graduate Studies 196S, Seminar in Pharmacy is required of all graduate students in pharmacy and is taught every fall and spring in each division. This requirement may be waived for a specific semester by the Graduate Studies Committee for sufficient reason upon petition by the student's major professor. No more than two semester hours of credit earned in this course are counted toward the number of hours required in master's degree programs.

Master of Science in Pharmaceutical Sciences. The Master of Science in Pharmaceutical Sciences is offered by the Health Outcomes and Pharmacotherapy divisions.

Students must complete at least 30 semester hours of graduate coursework. Typically, students complete their coursework, thesis proposal defense, and research and writing the thesis paper in three years. An overall grade point average of 3.00 must be maintained for program continuation and completion. While there is no prescribed
sequence of courses for the program, students and their graduate advisors must develop an individualized education plan that accounts for the varied semester course offerings and prerequisites and that can be completed in two to three years.

Doctor of Philosophy. The student selects a major professor who will supervise the qualifying examinations, act as chair of the dissertation committee, and assist with selection of suitable dissertation committee members. Upon completion of the qualifying examinations, an application is forwarded to the Graduate Studies Committee and the graduate advisor, who then recommends to the graduate dean whether the student should be admitted to doctoral candidacy. After admission to doctoral candidacy, the student must enroll in the dissertation course each fall and spring semester.

Students must complete at least 30 semester hours of required graduate coursework followed by at least 6 semester hours of research and dissertation courses for a minimum of 36 semester hours for the doctoral degree. Typically, students complete their coursework, qualifying exams, dissertation proposal defense, and research and writing the dissertation in four to six years. An overall grade point average of 3.00 must be maintained for program continuation and completion. While there is no prescribed sequence of courses for the program, students and their graduate advisors must develop an individualized education plan that accounts for the varied semester course offerings and prerequisites and that can be completed in two or three years. Upon completion of the qualifying examinations, the student meets with the appropriate committee and graduate advisor, who then recommend to the graduate dean whether the student should be admitted to doctoral candidacy. After admission to candidacy, the student must enroll in the dissertation course each fall and spring semester.

## Stackable Certificate Programs, Pharmaceutical Sciences

Stackable graduate certificates are available to degree-seeking and non-degree-seeking graduate students. Some stackable certificates may be awarded following completion of program requirements, while others require simultaneous awarding of the graduate certificate and a graduate degree.

See the Stackable Certificates section (p. 14) of this catalog for additional information and policies related to stackable certificates.

The graduate program for this catalog section offers the following stackable certificate programs. To see a full list of graduate certificates offered at the University, please see the Graduate Study (p. 8) section of the Graduate Catalog.

## Pharmaceutical Sciences: Innovating in Health

The program requires completion of nine semester credit hours of coursework and is available to degree-seeking and non-degree-seeking students.

| Requirements | Hours |  |
| :--- | :--- | ---: |
| PGS 389M | Fundamentals of Health <br> Innovations | 3 |
| PGS 383M | Health Innovation Entrepreneurship | 3 |
| PGS 380M | Advanced Pharmaceutics (any <br> topic) | 3 |

Total Hours

## Translational Science

Doctor of Philosophy

Translational science is an interdisciplinary joint doctoral program offered by The University of Texas Health Science Center at San Antonio, The University of Texas at San Antonio, and The University of Texas at Austin College of Pharmacy, in collaboration with The University of Texas School of Public Health, San Antonio Regional Campus.

## For More Information

Campus address: Pharmacy Building (PHR) 4.220A, phone (512)
471-6590; campus mail code: A1900
Mailing address: The University of Texas at Austin, Graduate Program, College of Pharmacy, 2409 University Avenue Stop A1900, Austin TX 78712

E-mail: PGSGradStudies@austin.utexas.edu
URL: https://pharmacy.utexas.edu/degrees-programs/graduate-studies

## Facilities for Graduate Work

State-of-the-art research facilities are available for graduate education. Laboratories are equipped with the latest instrumentation and specialized support units for research in all of the areas of study mentioned below. Research space on the Austin campus is located in two pharmacy buildings, the Biomedical Engineering Building, the Dell Pediatric Research Institute, and the Animal Resources Center. In San Antonio, basic laboratory and clinical research space is available in the McDermott Building on the campus of the University of Texas Health Science Center, and at affiliated institutions. Students in both Austin and San Antonio have access to extensive electronic journal holdings through the University Libraries website. In addition to these facilities, students will have access to facilities at the partner institutions.

The University of Texas Health Science Center at San Antonio, one of the components in the University of Texas System, consists of five schools: the School of Medicine, the School of Dentistry, School of Nursing, School of Health Professions, and Graduate School of Biomedical Sciences. The UT Health Science Center has become the primary training site for health professionals serving the south Texas region.

The University of Texas at San Antonio is the second largest university in the UT System and one of the state's fastest growing public universities. It is designated by the United States Department of Education as a Hispanic-serving institution.

The University of Texas Health Science Center at Houston is comprised of six schools, including the School of Public Health. The School of Public Health in Houston coordinates programs at regional campuses in Dallas, San Antonio, El Paso, Austin, and Brownsville. This statewide presence makes the School of Public Health a pivotal public health resource for Texas

## Areas of Study

The College of Pharmacy offers graduate study leading to the Doctor of Philosophy degree with a major in translational science. An individualized educational plan will be developed for each student. More information is available from the graduate advisor. This program is a STEM Designated Degree Program, as identified by the Department of Homeland Security for purposes of the 24-month STEM optional practical training extension.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Jamie C Barner
Carolyn M Brown
Craig A Champlin
Maria A Croyle
Kevin N Dalby
John Digiovanni
Christopher R Frei
Andrea C Gore
Dawit Kidane-Mulat
Jim M Koeller

## Admission Requirements

Prospective students applying to the translational science PhD program must have a master's or professional degree (MD, DDS, or PharmD) prior to enrollment in the program. Students are admitted to the program upon recommendation of the translational science admission committee, comprised of representatives from each partner institution's Graduate Studies Committee.

## Degree Requirements, Translational Science

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

Students must complete at least 72 semester hours of graduate coursework. An overall grade point average of 3.00 must be maintained for program continuation and completion. Students are required to take a minimum of 24 semester hours of core curriculum; 12 semester hours of prescribed track electives selected from the list of elective courses for this program; six semester hours of free electives selected from any course offered at participating graduate programs; and 30 semester hours of research and dissertation work. The Translational Science PhD Program also offers a Data Science track defined as 12 semester credit hours, which are counted towards the 72 hours of graduate coursework required to complete the program.

While there is no prescribed sequence of courses for the program, students and their graduate advisors must develop an individualized education plan that accounts for the varied semester course offerings and prerequisites and that can be completed in three years. Upon completion of the qualifying examinations, the student meets with the appropriate committee and graduate advisor, who then recommend to the graduate dean whether the student should be admitted to doctoral candidacy. After admission to candidacy, the student must enroll in the dissertation course each fall and spring semester.

## Courses, Pharmacy

Please see the General Information Catalog for a list of courses. The following field of study is housed in the College of Pharmacy: Pharmacy Graduate Studies (PGS).

## Lyndon B. Johnson School of Public Affairs

# Global Policy Studies 

Master of Global Policy Studies

For More Information<br>Campus address: Sid Richardson Hall (SRH) 3.107, phone (512)<br>471-4292, fax (512) 471-8455; campus mail code: E2700<br>Mailing address: The University of Texas at Austin, Lyndon B. Johnson<br>School of Public Affairs, P O Box Y, Austin TX 78713<br>E-mail: Ibjadmit@uts.cc.utexas.edu<br>URL: http://www.utexas.edu/lbj/

## Facilities for Graduate Work

The Lyndon B. Johnson School of Public Affairs is housed in Sid Richardson Hall, adjacent to the Lyndon Baines Johnson Library and Museum.

The school's computation center maintains a computer laboratory and provides access to the Internet and to the University's computer infrastructure. The laboratory is reserved for public affairs students and is available 24 hours a day.

## Areas of Study

The graduate program in Global Policy Studies is designed to provide students with the tools and knowledge necessary to be leaders in an increasingly interdependent world. The program offers a multidisciplinary approach to studying the complex economic, political, technological, and social issues of the twenty-first century. Students pursuing the Master of Global Policy Studies select a specialization in security, law, and diplomacy; international trade and finance; development; global governance and international law; international energy, environment, and technology; or regional international policy. Students may also propose their own specialization, which is subject to approval.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

| Richard Patrick Bixler | Erin Lentz |
| :--- | :--- |
| Joshua W Busby | Ji Ma |
| Robert M Chesney | Sheila M Olmstead |
| George M De Shazo Jr | Todd A Olmstead |
| David J Eaton | Cynthia Osborne |
| Mary Evans | Varun Rai |
| Raissa Fabregas robles gil | Jaganath Sankaran |
| Kenneth Flamm | David W Springer |
| James K Galbraith | Jeremi Suri |
| Sheena Elise Greitens | Andrew Waxman |
| William Inboden | Catherine Elizabeth Weaver |
| Peniel E Joseph | Patrick P Wong |

Alan J Kuperman

## Admissions Requirements

Admission decisions are made by the Admissions Committee. The committee considers applicants' academic and employment records, their scores on the Graduate Record Examinations General Test, three letters of recommendation from professors or employers, and a statement of purpose addressing the applicant's background and
interest in public policy. A résumé and transcripts for all college coursework are also required.

While there are no prescribed course prerequisites, students entering the Master of Global Policy Studies program are expected to have completed undergraduate coursework in statistics. In addition, many students find the following courses to be useful: two semesters of principles of economics, at least one semester of undergraduate international relations or world history, and one semester of calculus.

Additional information on degree requirements and the application process is available from the Lyndon B. Johnson School of Public Affairs website.

## Degree Requirements, Global Policy Studies

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Global Policy Studies

In residence program. The curriculum for the Master of Global Policy Studies consists of 49 hours of coursework. In addition to required coursework in the student's specialization, the curriculum combines courses in the development of global policy and principles of international relations, microeconomics, analytical methods, international economics, and a crisis management seminar with a practical applications sequence that includes a client-oriented policy research project and professional writing courses. Field experience is appropriate in most specializations and may be satisfied with a noncredit internship experience. A typical 49 semester-hour program of study includes five core courses ( 15 credit hours); a crisis simulation course (one credit hour); a policy research project that spans two semesters (six credit hours); five specialization courses ( 15 credit hours); three elective courses (nine credit hours); and an individual writing requirement (three credit hours).

Students must fulfill all academic requirements within six years of their entrance into the program. Most students are expected to complete the program in two years of full-time study.

DC program. The DC program option offers a master's student a unique two-semester curriculum in federal policymaking relating to international affairs thereby facilitating entry into federal careers. The track requires completion of 45 semester hours of coursework. Students attend The University of Texas at Austin their first two semesters, taking 24 semester credit hours. After the first year, students will spend the summer and fall in Washington, DC. Coursework will include a unique apprenticeship opportunity in a public or non-profit agency based on the student's area of policy.

## Dual Degree Programs

## Master of Global Policy Studies/Master of Public Health

The graduate program in Global Policy Studies offers a dual degree program with the University of Texas Health Science Center at Houston School of Public Health (UTSPH). Applicants must apply separately and be admitted to both the Master of Global Policy Studies program at The University of Texas at Austin and the Master of Public Health at UTSPH. Students accepted into the dual degree program complete the three-year program of work in both schools. The degrees are conferred separately
by each institution. Additional information is available from the director of admissions at the LBJ School.

The Lyndon B. Johnson School of Public Affairs offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Asian studies | Master of Arts |
| Business administration | Master of Business <br> Administration |
| Energy and earth resources | Master of Arts |
| Information studies | Master of Science in <br> Information Studies |
| Journalism and media | Master of Arts |
| Latin American studies | Master of Arts |
| Law | Doctor of <br> Jurisprudence |
| Middle Eastern studies | Master of Arts |
| Russian, East European, Eurasian studies | Master of Arts |

## Public Affairs

Master of Public Affairs

## For More Information

Campus address: Sid Richardson Hall (SRH) 3.107, phone (512) 471-4292, fax (512) 471-8455; campus mail code: E2700

Mailing address: The University of Texas at Austin, Lyndon B. Johnson School of Public Affairs, P O Box Y, Austin TX 78713

E-mail: Ibjadmit@uts.cc.utexas.edu
URL: http://www.utexas.edu/lbj/

## Facilities for Graduate Work

The Lyndon B. Johnson School of Public Affairs is housed in Sid Richardson Hall, adjacent to the Lyndon Baines Johnson Library and Museum.

The school's computation center maintains a computer laboratory and provides access to the Internet and to the University's computer infrastructure. The laboratory is reserved for public affairs students and is available 24 hours a day.

## Areas of Study

This degree program aims to provide students with the skills and understanding required for effective professional leadership in developing and implementing public policies. Master of Public Affairs students may elect to organize their studies around certain areas of specialization. Depending on their qualifications, students can pursue the Master of Public Affairs degree through the regular program, a dual degree program, or the executive program in public leadership.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Gordon B Abner
Abigail Rosemary ann Aiken
Jacqueline L Angel
Richard Patrick Bixler
Joshua W Busby
Robert M Chesney
George M De Shazo Jr
Edwin Dorn
David J Eaton
Mary Evans
Raissa Fabregas robles gil
Kenneth Flamm
James K Galbraith
Sherri R Greenberg
Sheena Elise Greitens
William Inboden
Bobby R Inman
Peniel E Joseph
Alan J Kuperman
Erin Lentz

Martin Joseph Luby
Ji Ma
Sheila M Olmstead
Todd A Olmstead
Cynthia Osborne
Francie Ostrower
Varun Rai
Victoria E Rodriguez
William G Spelman
David W Springer
Paul J Stekler
Chandler W Stolp
Jeremi Suri
Philip U Treisman
Paul Von hippel
Peter Ward
Andrew Waxman
Catherine Elizabeth Weaver
Patrick P Wong

## Admission Requirements

Admission decisions are made by the Admissions Committee. The committee considers applicants' academic and employment records, their scores on the Graduate Record Examinations General Test, three letters of recommendation from professors or employers, and a statement of purpose addressing the applicant's background and interest in public policy. A résumé and transcripts for all college coursework are also required.

While there are no prescribed course prerequisites, students entering the Master of Public Affairs program are expected to have completed coursework in three areas: mathematics and statistics, economics, and American government. Many students find it useful to take a review course in college algebra, calculus, and statistics the summer before entering the program.

Additional information on degree requirements and the application process is available from the Lyndon B. Johnson School of Public Affairs website.

## Degree Requirements, Public Affairs

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

## Master of Public Affairs

The curriculum for the Master of Public Affairs degree program normally consists of 48 semester hours of coursework. Up to nine hours in core courses may be waived and substituted with approved electives if a student demonstrates prior training and proficiency substantially equivalent to core courses in introductory quantitative methods, microeconomics, and public financial management. The curriculum combines courses in politics and the policy process, economic analysis, empirical methods, and management with a practical applications sequence that includes a client-oriented policy research project. A public service internship is required in the absence of relevant prior public service experience. A typical 48 semester-hour program of study includes eight one-semester core courses, at least one policy research
project, a 12-week internship generally completed between the first and second years, six or seven electives, and an optional professional report.

The student must fulfill all academic requirements within six years of entering the program. Dual degree programs require additional coursework.

Full-time program. Most students are admitted to the full-time program, which they are generally expected to complete in two years of full-time study. A student who cannot attend full time may choose to complete the degree program on a part-time basis; the applicant must submit a written request for admission on a part-time basis when applying for admission to the program. A student enrolled in the full-time program may be allowed, for good reason, to change to part-time status.

DC program. The DC program option offers a student enrolled in the master's program a unique two-semester curriculum in federal policy which facilitates entry into federal careers. The track requires completion of 45 semester hours of coursework. Students attend The University of Texas at Austin their first two semesters, taking 24 semester credit hours. After the first year, students will spend the summer and fall in Washington, DC. Coursework will include a unique apprenticeship opportunity in a public or non-profit agency based on the student's area of policy.

Executive program. The executive program is designed for public service professionals who wish to gain the knowledge and skills necessary for public leadership. The program requires completion of 32 semester hours of coursework over four semesters. The curriculum consists of an intensive gateway course, followed by courses in strategic communications, executive analytics, executive management, and a final research capstone course.

## Dual Degree Programs

## Master of Public Affairs/Master of Public Health

The graduate program in Public Affairs offers a dual degree program with the University of Texas Health Science Center at Houston School of Public Health (UTSPH). Applicants must apply separately and be admitted to both the Master of Public Affairs program at The University of Texas at Austin and the Master of Public Health at UTSPH. Students accepted into the dual degree program complete the three-year program of work in both schools. The degrees are conferred separately by each institution. Additional information is available from the director of admissions at the LBJ School.

The Lyndon B. Johnson School of Public Affairs offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

## Master of Public Affairs

| Major(s) | Degree(s) |
| :--- | :--- |
| Advertising | Master of Arts |
| Asian studies | Master of Arts |
| Business administration | Master of Business <br> Administration |
| Communication studies | Master of Arts |
| Community and regional planning | Master of Science <br> in Community and |
|  | Regional Planning |
| Energy and earth resources | Master of Arts |
| Engineering | Master of Science in |
|  | Engineering |


| Information studies | Master of Science in <br> Information Studies |
| :--- | :--- |
| Journalism and media | Master of Arts |
| Latin American studies | Master of Arts |
| Law | Doctor of <br> Jurisprudence |
| Medicine | Doctor of Medicine |
| Middle Eastern studies | Master of Arts |
| Radio-television-film | Master of Arts |
| Russian, East European, and Eurasian studies | Master of Arts <br> Social work |
| Master of Science in <br> Social Work |  |
| Women's and gender studies | Master of Arts |

## Public Policy

Doctor of Philosophy

## For More Information

Campus address: Sid Richardson Hall (SRH) 3.107, phone (512)
471-4292, fax (512) 471-8455; campus mail code: E2700
Mailing address: The University of Texas at Austin, Lyndon B. Johnson School of Public Affairs, P O Box Y, Austin TX 78713

E-mail: Ibjadmit@uts.cc.utexas.edu
URL: http://www.utexas.edu/lbj/

## Facilities for Graduate Work

The Lyndon B. Johnson School of Public Affairs is housed in Sid Richardson Hall, adjacent to the Lyndon Baines Johnson Library and Museum.

The school's computation center maintains a computer laboratory and provides access to the Internet and to the University's computer infrastructure. The laboratory is reserved for public affairs students and is available twenty-four hours a day.

## Areas of Study

The doctoral degree program in public policy is a research-oriented program designed to give the student substantial knowledge of one or more disciplines, an understanding of the policy process, and technical mastery of advanced research skills. It is intended to develop research scholars and university teachers who can make substantive contributions to our understanding of complex public policy problems and who can conduct research in multidisciplinary settings.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Gordon B Abner Abigail Rosemary ann Aiken Jacqueline L Angel
Richard Patrick Bixler
Joshua W Busby
Robert M Chesney
David J Eaton
Raissa Fabregas robles gil
Kenneth Flamm
James K Galbraith
Sheena Elise Greitens
Robert L Hutchings
William Inboden
Peniel E Joseph
Alan J Kuperman
Erin Lentz
Martin Joseph Luby
Ji Ma

Sheila M Olmstead Todd A Olmstead Cynthia Osborne Francie Ostrower Varun Rai<br>Victoria E Rodriguez<br>Jaganath Sankaran<br>William G Spelman<br>David W Springer<br>Chandler W Stolp<br>Jeremi Suri<br>Philip U Treisman<br>Paul Von hippel<br>Peter Ward<br>Ruth Ellen Wasem<br>Andrew Waxman<br>Catherine Elizabeth Weaver<br>Patrick P Wong

## Admission Requirements

Admission decisions are made by the Admissions Committee. The committee considers applicants' academic and employment records, their scores on the Graduate Record Examinations General Test, three letters of recommendation from professors or employers, and a statement of purpose addressing the applicant's background and interest in public policy. A résumé and transcripts for all college coursework are also required.

Additional information on degree requirements and the application process is available from the Lyndon B. Johnson School of Public Affairs website.

## Degree Requirements, Public Policy

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks.
Please contact the program with concerns or questions.

## Doctor of Philosophy

The doctoral program in public policy requires at least 36 hours of coursework beyond the master's degree (in addition to the dissertation reading and writing courses) and includes supporting work in courses outside public affairs. The supporting work is intended to deepen the student's understanding of an organized discipline and its application to public policy. Doctoral degree candidates must fulfill the following general requirements: (1) complete four core courses; (2) complete at least two research methods courses typically taken in the first two years of study; (3) complete at least two other courses in their substantive area of research; (4) pass a qualifying paper requirement; (5) defend a dissertation proposal; and (6) write and defend a dissertation. A student without a graduate degree from a policy-related academic or professional program may be required to complete supplementary coursework in addition to the number of hours required for the doctoral degree. Additional information on specific requirements and procedures is available from the school.

## Courses, Public Affairs

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Lyndon B. Johnson School of Public Affairs: Public Affairs (P A).

# Steve Hicks School of Social Work 

Master of Science in Social Work<br>Doctor of Philosophy

## For More Information

Campus address: School of Social Work Building (SSW) 2.222, phone (512) 471-5457, fax (512) 471-9600; campus mail code: D3500

Mailing address: The University of Texas at Austin, School of Social Work, 1925 San Jacinto Boulevard Stop D3500, Austin TX 78712

E-mail: utssw@lists.cc.utexas.edu
URL: http://socialwork.utexas.edu/

## Facilities for Graduate Work

The School of Social Work Building houses classrooms, faculty and administrative offices, and a student lounge. The building also houses the school's Learning Resource Center, which contains computer and video laboratories and reading rooms; the center provides an extensive reference library of social work-related journals and other materials.

The school offers students several other services and resources, including the Office of Academic Affairs, which coordinates advising, registration, and other academic matters. Career planning is available through the DiNitto Center for Career Services. The Office of the Associate Dean for Research administers faculty-conducted research in such areas as substance use and mental health; child welfare; cultural diversity; domestic and community violence; gerontology; families, children, and youth; social work education; organizational structures; restorative justice; health; health disparities; and behavioral health.

## Areas of Study

The Steve Hicks School of Social Work offers graduate study leading to the Master of Science in Social Work and the Doctor of Philosophy with a major in social work.

The Master of Science in Social Work program prepares students for advanced social work practice with individuals, families, groups, organizations, and communities, as well as for policy-related and administrative positions. Two areas of concentration are available: clinical social work or administration and policy practice.

The Doctor of Philosophy degree prepares students to be academicians and researchers. Students pursuing this degree design their own areas of study based on their academic and research interests.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Marilyn Armour Noel B Busch-Armendariz Esther Calzada
Yessenia Castro
Namkee Choi
Kasey Claborn
Allan H Cole Jr
Fiona Conway
Catherine Cubbin
Diana M Dinitto
Rowena Fong
Cynthia G Franklin
Lauren E Gulbas
Mercedes Hernandez
Lori K Holleran
Barbara L Jones

Sandy Magana
Lailea Noel
Yolanda C Padilla
Jose Ruben Parra-cardona
Elizabeth C Pomeroy
Michele Angela Rountree
David W Springer
Calvin L Streeter
Sarah A Swords
Carmen R Valdez
Mary M Velasquez
Shetal Vohra
Kirk L Von Sternberg
Kari L White
Luis H Zayas
Yuanjin Zhou

## Admission Requirements

## Master of Science in Social Work

Applicants for admission to this degree program should have a general liberal arts education with a broad range of studies in the behavioral sciences. All applicants must have completed at least one college-level statistics course that includes inferential applications.

Applicants with a Bachelor of Social Work degree from a school accredited by the Council on Social Work Education may be admitted into a modified program of study.

## Doctor of Philosophy

Applicants to the doctoral degree program must have a master's degree from an accredited school of social work, or a master's degree in a related discipline with extensive experience in human services. Preference is given to individuals with research experience and at least two years of professional experience beyond the master's degree.

## Professional Liability Insurance

Professional liability insurance is required and a criminal background check may be required of all students enrolled in field placement or internship courses. The insurance policy must cover the duration of the course, beginning on or before the first regular class period.

## Degree Requirements, Social Work

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

Approval of the graduate advisor is required for registration in any social work courses.

## Master of Science in Social Work

Developed in accordance with the Council on Social Work Education curriculum standards and policies, the full-time Master of Science in Social Work degree program requires 60 semester hours of coursework. Experiential learning is provided through internships in selected government, nonprofit, and for-profit agencies. Course content and field experiences are organized and integrated using a systems/ developmental framework and a biopsychosocial perspective.

Of the 60 semester hours required for graduation, a maximum of 24 may be accepted by waiver from an accredited Bachelor of Social Work or Master of Social Work program. Waivers are awarded only after careful evaluation by the faculty of a student's training and experience in the areas in which waivers are sought.

Most students enroll in the regular full-time program, which can be completed in two academic years. Extended and part-time programs of work can be completed in two and one-half to three and one-half years. Students accepted into a modified program of study complete a 42 to 48 -semester-hour program in 12 to 16 months. Each option provides students with opportunities to study independently with individual faculty members and to take elective courses in other University departments. The school offers required courses during evening hours but cannot guarantee that the degree program can be completed by taking courses only at night.

## Doctor of Philosophy

Students seeking the doctoral degree must meet the following requirements:

1. Completion of a program of courses prescribed by the Graduate Studies Committee.
2. Completion of a written comprehensive examination that tests the student's knowledge of theory, research design and methodology in social work, and of selected aspects of social work practice.
3. Completion of an acceptable program of original research, including the submission of a dissertation that extends the knowledge base of social work.
4. Satisfactory performance on an oral examination in defense of the dissertation.

Students should consult the graduate advisor for additional requirements.

## Dual Degree Programs

## Master of Science in Social Work/Master of Divinity

The graduate program in social work offers a dual degree program with the Austin Presbyterian Theological Seminary (APTS). Applicants must apply separately and be admitted to both the Master of Science in Social Work program at The University of Texas at Austin and the Master of Divinity program at APTS. The degrees are conferred separately by each institution. Additional information is available from the director of admissions at the School of Social Work.

## Master of Science in Social Work/Master of Public Health

The graduate program in social work offers a dual degree program with the University of Texas Health Science Center at Houston School of Public Health (UTSPH). Applicants must apply separately and be admitted to both the Master of Science in Social Work program at The University of Texas at Austin and the Master of Public Health at UTSPH. Students accepted into the dual degree program complete the three-year program of work in both schools. The degrees are conferred separately by each institution. Additional information is available from the director of admissions at the School of Social Work.

In addition, the School of Social Work offers the following dual degree programs in cooperation with other divisions of the University. More information is available from the graduate advisor in each program.

| Major(s) | Degree(s) |
| :--- | :--- |
| Business administration | Master of Business |
| Latin American studies | Administration |
| Law | Master of Arts |
| Public affairs | Doctor of <br> Jurisprudence <br>  <br> Master of Public <br> Affairs |

## Courses, Social Work

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Steve Hicks School of Social Work: Critical Disability Studies (CDI) and Social Work (S W).

# Intercollegial Programs Computational Science, Engineering, and Mathematics 

Master of Science in Computational Science, Engineering, and Mathematics Doctor of Philosophy

## For More Information

Campus address: Peter O'Donnell Building (POB) 4.102A, phone (512) 232-3356, fax (512) 471-8694; campus mail code: C0200<br>Mailing address: The University of Texas at Austin, Graduate Program in Computational Science, Engineering, and Mathematics, 201 East 24th Street C0200, Austin TX 78712-1229<br>E-mail: csemgrad@oden.utexas.edu (camgrad@ices.utexas.edu)<br>URL: https://www.oden.utexas.edu/academics/

## Overview

The program is unique in its interdisciplinary emphasis. Faculty are drawn from a large number of academic departments representing five schools and colleges. The program is designed for outstanding students who desire expertise in multiple disciplines and are willing to take on new challenges by working alongside faculty involved in research at the forefront of computational science.

## Areas of Study

Graduate study in computational science, engineering, and mathematics comprises three areas: (1) applicable mathematics, (2) numerical analysis and scientific computation, and (3) mathematical modeling and applications. Within these broad areas, the student may take courses in applied mathematics and statistics, data science, numerical analysis and scientific computing, computational mechanics and physics, parallel computing and computer architecture, and mathematical modeling, and in supporting areas in science and engineering that involve mathematical modeling of physical, biological, social, or engineered systems. Students perform research in a broad range of areas, including scientific computing, uncertainty quantification, machine learning, numerical analysis, optimization, visualization, computational medicine, computational geosciences, computational materials, computational life sciences, computational physical sciences, computational engineering, and many more.

## Facilities for Graduate Work

The Oden Institute for Computational Engineering and Sciences provides space and supporting resources for work in computational science, engineering, and mathematics. Extensive computational facilities include an Ethernet network supporting hundreds of general-purpose Linux workstations, and about 10 distributed memory computer clusters with between 64 and 1344 cores each. Faculty members, research staff, and graduate students also have access to large-scale supercomputing resources of the Texas Advanced Computing Center (TACC) and the POB scientific visualization laboratory. Also available are the Kuehne Physics Mathematics Astronomy Library, the Mallet Chemistry Library, the Walter Geology Library, the Perry-Castañeda Library, and the Life Science Library.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Narayana R Aluru
Todd J Arbogast
Chandrajit L Bajaj
Michael Baldea
William Beckner
George Biros
Fabrizio Bisetti
Tan Thanh Bui
Luis A Caffarelli
Edward Castillo Joshua Tsukang Chang
James R Chelikowsky
Kevin Clarno
Clinton N Dawson
Alexander A Demkov
Leszek F Demkowicz
Inderjit S Dhillon
Berkin Dortdivanlioglu
Ron Elber
Bjorn Engquist
Sergey B Fomel
John Timothy Foster
Irene M Gamba
Omar Ghattas
Feliciano Giustino
Oscar Gonzalez
Patrick Heimbach Graeme Andrew Henkelman
Marc Andre Hesse
Thomas J Hughes
Moriba Jah
Joseph David Kileel
Chad Matthew Landis

## Dmitrii E Makarov

Edward M Marcotte
Per-Gunnar J Martinsson
Mark E Mear
Robert D Moser
Peter Mueller
Dev Niyogi
J T Oden
Annette M Ostling
David Paydarfar
Keshav K Pingali
William H Press
Manuel Karl Rausch
Gregory J Rodin
Marissa N Rylander
Michael S Sacks
Karl W Schulz
Donald Jason Siegel
Jon I Tamir
Takashi Tanaka
Ufuk Topcu
Yen-Hsi Tsai
Robert A Van De Geijn
Philip L Varghese
Atlas Wang
Rachel A Ward
Mary F Wheeler
Karen E Willcox
Thomas Yankeelov
Stephen Yi
Ali E Yilmaz
Renato Zanetti
Bo Zhao

## Admission Requirements

Students entering the program are expected to have an undergraduate degree in engineering, computer sciences, mathematics, or a natural science such as biology, physics, chemistry, or geology.

## Degree Requirements, Computational Science, Engineering, and Mathematics

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office
and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

Each student develops a program of study that includes a substantial component in each of three areas of concentration: applicable mathematics, numerical analysis and scientific computation, and mathematical modeling for applications in a science or engineering discipline. The program must be reviewed and approved by the Graduate Studies Committee. Lists of courses in the three concentrations are available from the graduate advisor.

## Master of Science in Computational Science, Engineering, and Mathematics

This program requires completion of 30 semester hours of approved coursework, including a thesis; 33 semester hours of approved coursework, including a report; or 36 hours of approved coursework. At least 24 hours must be chosen from courses in the three concentration areas, with at least six hours from each area. These 24 hours of approved coursework must be taken on the letter-grade basis.

## Integrated Program with Computer Science (BSCS/MSCSEM):

Admission to the integrated Bachelor of Science in Computer Science and Master of Science in Computational Science, Engineering, and Mathematics (BSCS/MSCSEM) program is open only to undergraduate students within the Department of Computer Science at The University of Texas at Austin. It results in the simultaneous awarding of a BSCS degree and an MSCSEM degree. The integrated program requires completion of a total of 150 credit hours which is eight hours fewer than is required to complete the BSCS and MSCSEM degree programs individually. For the MSCSEM program of work, students in the integrated program must complete 30 semester hours of approved coursework, including a three hour master's report. At least 24 hours must be chosen from courses in the three concentration areas (applicable mathematics, numerical analysis/computational science, and mathematical modeling/ applications), with at least six hours from each area.

## Doctor of Philosophy

Before admission to candidacy for the degree, each student develops a program of study that draws courses from each of the three areas of concentration; the program must be approved by the Graduate Studies Subcommittee. The student must also pass an examination in each area. In addition to meeting the area requirements, the student must prepare a written dissertation proposal. Oral presentation of the proposal and an oral examination are required.

A dissertation is required of every candidate, followed by a final oral examination covering the dissertation and the general field of the dissertation.

## Graduate Studies

Students enrolling in Graduate School courses associated with The University of Texas System's Archer Center must be admitted to the summer program in public policy at the Archer Center in Washington, DC. Coursework will take place at the Archer Center, 1750 Pennsylvania Avenue NW, Suite 900, Washington, DC.

The program provides an opportunity to live and work in Washington, DC, and is a unique educational experience for graduate students interested in American government. The curriculum consists of an internship with a federal government-related agency or organization and coursework to complement the internship experience.

## Writing

## Master of Fine Arts

## For More Information

Campus address: J. Frank Dobie House (FDH), 702 East Dean Keeton Street, phone (512) 471-1601, fax (512) 471-9997; campus mail code: A3400

Mailing address: The University of Texas at Austin, MFA in Writing, James A. Michener Center for Writers, 702 East Dean Keeton Street Stop A3400, Austin TX 78705-3201

E-mail: mcw@www.utexas.edu
URL: http://michener.utexas.edu/

## Facilities for Graduate Work

The James A. Michener Center for Writers offers a cross-disciplinary Master of Fine Arts program that draws on strong programs in the New Writers Project (fiction and poetry), radio-television-film (screenwriting), and theatre (playwriting). The University Libraries, including the Fine Arts Library, provide rich resources for students interested in the creative process. The Harry Ransom Center houses a number of noted book collections as well as manuscripts, edited drafts, and early editions of creative works. The Jesse H. Jones Communication Center has extensive film and video production facilities, and the Performing Arts Center offers outstanding theatrical production facilities.

Students admitted to the program are offered James A. Michener Fellowships to support their study.

## Areas of Study

Students seeking the MFA are expected to develop professional skills in at least two of the following fields of creative work: fiction, poetry, screenwriting, and playwriting. The curriculum requires students to work across disciplines; for example, the student might study fiction as a primary field and screenwriting as a secondary field. Candidates must each write a thesis in their primary field.

## Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2022 semester.

Michael W Adams
Annie N Baker
Charles E Berg
Oscar H Casares
Jennifer T Chang
Jonathan Edward carey Harvey
Amy Hempel
Branden Jacobs-Jenkins
Bret Anthony Johnston
Stuart David Kelban

## Joanna Klink

Peter N LaSalle
Richard M Lewis
Kirk E Lynn
Elizabeth McCracken
Cynthia Ann Mccreery
Lisa Olstein
Roger William Reeves
KJ Sanchez
Deborah Unferth

## Degree Requirements, Writing

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and online at https://utexas.box.com/v/UTAustinGraduateHandbooks. Please contact the program with concerns or questions.

The student must complete at least 54 semester hours of coursework, including a three-hour first-year seminar; nine hours of creative work and
six hours of studies courses in the primary field; six hours of creative work and three hours of studies courses in the secondary field; 21 hours of supporting coursework; and either the six-hour thesis course or (in cases where the student elects to complete a coursework-only degree plan with departmental report option) three additional elective hours and a three-hour departmental report course. The coursework-only degreeplan with departmental report option is only available with approval of the graduate advisor. Reviews are conducted each semester determine the student's eligibility to continue in the program. Further information about degree requirements is available from the graduate advisor.

## Courses, Intercollegial Programs

For courses offered by intercollegiate programs, please see the corresponding page in the following sections.

## Courses, Computational Science, Engineering, and Mathematics Program

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Computational Science, Engineering, and Mathematics program: Computational Science, Engineering, and Mathematics (CSE).

## Courses, Graduate School

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the Graduate School: Graduate School (GRS).

## Courses, James A. Michener Center for Writers

Please see the General Information Catalog for a list of courses. The following fields of study are housed in the James A. Michener Center for Writers: Writing (WRT).

## English as a Second Language

English as a second language (ESL) courses are offered as a requirement of the Office of Graduate Studies under the supervision of the Office of the Executive Vice President and Provost and Texas Global. The courses are designed for international graduate students who have a below-passing score on certain assessment tests. The courses are graded on the credit/no credit basis only. In order to register for an ESL course, a student must also register for at least three semester hours of coursework at the University. These three hours must be taken on the letter-grade basis.

English as a second language courses may not be counted toward any degree, but are included in determining if a student's course load satisfies requirements for issues such as immigration, employment, housing, and financial aid.

More information is available from Texas Global.

## Courses, English as a Second Language

Please see the General Information Catalog for a list of courses. The following fields of study are housed in Texas Global: English as a Second Language (ESL).

## Appendix Course Abbreviations

Please see the Courses section of the General Information Catalog for fields of study and their corresponding abbreviations.

## Members of Graduate Studies Committees

The following list represents those appointed in the 2022 spring semester.

Scott J Aaronson David Bruton, Jr. Centennial Professorship in Computer Sciences \#2, Professor, Department of Computer Science PhD, University of California-Berkeley, 2004

Gordon B Abner, Assistant Professor, Lyndon B Johnson School of Public Affairs
PhD, Indiana University at Bloomington, 2017
Jacob A Abraham Cockrell Family Regents Chair in Engineering \#8, Professor, Department of Electrical and Computer Engineering PhD, Stanford University, 1974

Lawrence D Abraham, Professor Emeritus, Department of Kinesiology and Health Education
EdD, Teachers College, Columbia University, 1975
Steven Abrams, Professor, Department of Pediatrics; Professor, Department of Biomedical Engineering; Professor, Department of Nutritional Sciences
MD, Ohio State U Main Campus, 1982
Jeffrey B Abramson, Professor, Department of Government PhD, Harvard University, 1977

Jason Ira Abrevaya Murray S. Johnson Chair in Economics, Professor, Department of Economics
PhD, Massachusetts Institute of Technology, 1996
Patricia Abril-Gonzalez, Assistant Professor, Department of Curriculum and Instruction; Assistant Professor, Center for Mexican American Studies
MA, University of Colorado at Denver, 2009
Beverly Dominique Acha John D. Murchison Fellowship in Fine Arts, Assistant Professor, Department of Art and Art History
MFA, Yale University, 2012
Amelia Acker, Assistant Professor, School of Information PhD, University of California-Los Angeles, 2014

Daniel A Ackerberg Addison Baker Duncan Centennial Professorship in Economics, Professor, Department of Economics
PhD, Yale University, 1997
Gayle J Acton, Assistant Dean, School of Nursing
PhD, University of Texas at Austin, 1993
Jennifer Keys Adair, Associate Professor, Department of Curriculum and Instruction

PhD, Arizona State University Main, 2009
Michael W Adams, Distinguished Teaching Professor, Department of English; Director,
PhD, University of Texas at Austin, 1973
Paul C Adams, Professor, Department of Geography and the Environment PhD, University of Wisconsin-Madison, 1993

Michelle Addington Henry M. Rockwell Chair in Architecture, Dean, School of Architecture
DEnvironD, Harvard University, 1997
Christopher O Adejumo, Associate Professor, Department of Art and Art History; Associate Professor, John L Warfield Center for African and African American Studies
PhD, Ohio State U Main Campus, 1997
Abimbola Adunni Adelakun, Assistant Professor, Department of African and African Diaspora Studies
PhD, University of Texas at Austin, 2017
David E Adelman Harry M. Reasoner Regents Chair in Law, Professor, School of Law
JD, Stanford University, 1996
Ari Adut, Associate Professor, Department of Sociology
PhD, University of Chicago, 2004
Omoniyi Afolabi, Professor, Department of African and African Diaspora Studies; Professor, John L Warfield Center for African and African American Studies
PhD, University of Wisconsin-Madison, 1997
Ashish Agarwal Fayez Sarofim \& Co. Centennial Fellowship \#1, Associate Professor, Department of Information, Risk, and Operations Management PhD, Carnegie Mellon University, 2009

Shiva Agarwal, Assistant Professor, Department of Management PhD, University of Pennsylvania, 2017

Seema Agarwala, Associate Professor, Department of Molecular Biosciences
PhD, State University of New York at Stony Brook, 1990
Kamran S Aghaie, Associate Professor, Department of Middle Eastern Studies; Associate Professor, Center for Women's and Gender Studies; Associate Professor, Center for Middle Eastern Studies; Associate Professor, Department of History PhD, University of California-Los Angeles, 1999

Abigail Rosemary ann Aiken, Associate Professor, Lyndon B Johnson School of Public Affairs
PhD, University of Texas at Austin, 2014
Ricardo C Ainslie M. K. Hage Centennial Professorship in Education, Professor, Department of Educational Psychology; Professor, Center for Mexican American Studies; Professor of Population Health, Department of Population Health; Director (Medical),
PhD, University of Michigan-Ann Arbor, 1979
Aditya Akella Regents Chair in Computer Sciences \#1, Professor, Department of Computer Science
PhD, Carnegie Mellon University, 2005
Maruthi R Akella Ashley H. Priddy Centennial Professorship in Engineering, Professor, Department of Aerospace Engineering and Engineering Mechanics
PhD, Texas A \& M University, 1998

Bukky Akinsanmi, Assistant Professor, Department of Management MArch, University of Oklahoma Norman Campus, 2006

Deji Akinwande Temple Foundation Endowed Professorship No. 1, Professor, Department of Electrical and Computer Engineering PhD, Stanford University, 2010

Mahmoud M Al-Batal, Professor Emeritus, Department of Middle Eastern Studies
PhD, University of Michigan-Ann Arbor, 1985
Olla N AI-Shalchi, Assistant Professor of Instruction, Department of Middle Eastern Studies
PhD, Old Dominion University, 2015
Bedour Alagraa, Assistant Professor, Department of African and African Diaspora Studies
PhD, Brown College, 2019
Farshid Alambeigi, Assistant Professor, Department of Mechanical Engineering
MSE, Johns Hopkins University, 2017
Richard Albert William Stamps Farish Professorship in Law, Professor, School of Law; Professor, Department of Government
JD, Yale University, 2003
Bethany L Albertson, Faculty Associate; Associate Professor, Department of Government
PhD, University of Chicago, 2006
Kizzy Albritton, Associate Professor, Department of Educational
Psychology
PhD, Georgia State University, 2014
Frederick Luis Aldama Jacob and Frances Sanger Mossiker Chair in the Humanities \#3, LMAS Affiliated; Professor, Department of English PhD, Stanford University, 1999

Richard W Aldrich Karl Folkers Chair in Interdisciplinary Biomedical Research II, Professor, Department of Neuroscience PhD, Stanford University, 1980

Kamran Ali, Professor, Department of Anthropology; Professor, Department of Asian Studies; Professor, Center for Middle Eastern Studies; Professor, Department of Middle Eastern Studies PhD, Johns Hopkins University, 1998

Daniel J Allcock, Professor, Department of Mathematics PhD, University of California-Berkeley, 1996

David T Allen Melvin H. Gertz Regents Chair in Chemical Engineering, Professor, Department of Chemical Engineering; Director (Academic), PhD, California Institute of Technology, 1983

Gregory D Allen, Professor, Sarah and Ernest Butler School of Music MM, Peabody Institute of Johns Hopkins University, 1972

Andres Almazan Bank of America Centennial Fellowship (No. 1),
Professor, Department of Finance; Professor, Department of Economics; Director of Canfield Business Honor Program,
PhD, Massachusetts Institute of Technology, 1996
Dean J Almy, Associate Professor, School of Architecture MArch, University of Texas at Austin, 1989

Hal S Alper Les and Sherri Stuewer Endowed Professorship in Chemical Engineering, Professor, Department of Chemical Engineering; CBRS Executive Director,

PhD, Massachusetts Institute of Technology, 2006
Megan Alrutz, Associate Professor, Department of Theatre and Dance; Associate Professor, Center for Women's and Gender Studies PhD, Arizona State University Main, 2004

Kevin S Alter The Sid W. Richardson Centennial Professorship in Architecture, Professor, School of Architecture
MArch, Harvard University, 1990
Aydogan Alti Bank of America Centennial Fellowship (No. 2), Associate Professor, Department of Finance
PhD, Carnegie Mellon University, 2002
Andrea Alu, Adjunct Professor, Department of Electrical and Computer Engineering; Senior Research Scientist,
PhD, Universita degli Studi Roma Tre, 2007
Narayana R Aluru Ernest Cockrell, Sr. Chair in Engineering \#1, Core Faculty, Oden Institute; Professor, Department of Mechanical Engineering PhD, Stanford University, 1995

Jose R Alvarado, Assistant Professor, Department of Physics PhD, Vrije Universiteit Amsterdam, 2013

Chad Alvarez, Associate Professor, Department of Mexican American and Latino/a Studies; Associate Professor, Center for Mexican American Studies; Associate Professor, Department of History PhD, University of Chicago, 2014

Miguel A Alvarez, LMAS Affiliated; Assistant Professor of Practice, Department of Radio-Television-Film
MFA, University of Texas at Austin, 2009
Rosental C Alves Knight Chair in Journalism, LMAS Affiliated; Professor, School of Journalism and Media
BA, Universidade Federal do Rio de Janeiro, 1976
Lorenzo Alvisi, Professor Emeritus, Department of Computer Science PhD, Cornell University, 1996

Timothy R Andeen Jr, Associate Professor, Department of Physics PhD, Northwestern University, 2008

Charles Odell Anderson The Lee Hage Jamail Regents Professorship in Fine Arts, Professor, Department of African and African Diaspora Studies; Professor, John L Warfield Center for African and African American Studies; Professor, Department of Theatre and Dance MFA, Temple University, 2002

Edward G Anderson Jr Mr. and Mrs. William F. Wright, Jr. Centennial Professorship for Management of Innovative Technology, Professor, Department of Information, Risk, and Operations Management; Professor, Department of Management
PhD, Massachusetts Institute of Technology, 1997
Stephen J Anderson, Assistant Professor, Department of Marketing PhD, London Business School, Regent's Park, 2015

Alice Andrews, Assistant Professor of Medicine, Department of Medical Education; Clinical Associate Professor, Department of Management; Director of Education, PhD, Cornell University, 1995

Jeffrey G Andrews Cockrell Family Chair in Engineering \#17, Professor, Department of Electrical and Computer Engineering PhD, Stanford University, 2002

Jacqueline L Angel Wilbur J. Cohen Professorship in Health and Social Policy, Professor, Lyndon B Johnson School of Public Affairs; Professor, Department of Sociology
PhD, Rutgers the State University of New Jersey New Brunswick Campus, 1989

Ronald J Angel, Professor Emeritus, Department of Sociology PhD, University of Wisconsin-Madison, 1981

Manuela Angelucci, Associate Professor, Department of Economics PhD, University College London, 2005

Eric V Anslyn Welch Regents Chair in Chemistry, Professor, Department of Chemistry
PhD, California Institute of Technology, 1988
Dean R Appling, Professor, Department of Molecular Biosciences PhD, Vanderbilt University, 1981

Joshua Apte, Adjunct Assistant Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of California-Berkeley, 2013
Todd J Arbogast W. A. "Tex" Moncrief, Jr. Distinguished Professorship in Computational Engineering and Sciences - Applied Mathematics, Professor, Department of Mathematics; Professor, Institute for Computational Engineering and Science; Core Faculty, PhD, University of Chicago, 1987

Katherine M Arens, Professor, Department of Germanic Studies; Professor, Center for Women's and Gender Studies
PhD, Stanford University, 1981
Eugenio Yatsuda Arima, Associate Professor, Department of Geography and the Environment
PhD, Michigan State University, East Lansing, 2005
Minou Arjomand, Assistant Professor, Department of English
PhD, Columbia University in the City of New York, 2013
Taft E Armandroff Frank and Susan Bash Endowed Chair for the Director of McDonald Observatory, Professor, Department of Astronomy; Director, McDonald Observatory,
PhD, Yale University, 1988
Marilyn Armour, Distinguished Teaching Professor Emeritus, School of Social Work
PhD, University of Minnesota-Twin Cities, 2000
Maria Mercedes Arredondo, Assistant Professor, Department of Human Development and Family Sciences; Assistant Professor, Department of Psychology
MS, University of Michigan-Ann Arbor, 2014
Jossianna Arroyo Martinez, Professor, Department of Spanish and Portuguese; Professor, John L Warfield Center for African and African American Studies; Professor, Department of African and African Diaspora Studies
PhD, University of California-Berkeley, 1998
Mark L Ascher, Professor, School of Law
JD, Harvard University, 1978
Rowland Atiase Ernst \& Young Faculty Fellowship in Teaching
Excellence, Professor, Department of Accounting
PhD, University of California-Berkeley, 1980

Lucy Atkinson, Associate Professor, Stan Richards School of Advertising and Public Relations; Associate Professor, Center for Women's and Gender Studies
PhD, University of Wisconsin-Madison, 2009
Nigel S Atkinson, Professor, Department of Neuroscience
PhD, Pennsylvania State University Main Campus, 1986
Simon D Atkinson Mike Hogg Professorship in Community and Regional Planning, Professor, School of Architecture
PhD, University of Sheffield, 1989
Michael Aubrey, Assistant Professor, Department of Chemistry PhD, University of California-Berkeley, 2017

Javier Auyero Joe R. \& Teresa Lozano Long Endowed Professorship \#3, Professor, Department of Sociology
PhD, New Sch for Soc Research, 1998
Kiril Avramov, Assistant Professor, Department of Slavic and Eurasian Studies; Assistant Professor, Lyndon B Johnson School of Public Affairs; Assistant Professor, Department of Government PhD, University of Sofia, 2008

Germine Gigi Awad, Associate Professor, Department of Educational Psychology; Associate Professor, Center for Middle Eastern Studies; Associate Professor, Department of African and African Diaspora Studies; Associate Professor, John L Warfield Center for African and African American Studies
PhD, Southern Illinois University Carbondale, 2005
Nicole Awai, Associate Professor, Department of Art and Art History MFA, University of South Florida, 1996

Samy Ayoub, Faculty Associate- Special Initiatives Texas Global; Assistant Professor, Department of Middle Eastern Studies; Assistant Professor, School of Law
PhD, University of Arizona, 2014
Hina Azam, Associate Professor, Department of Middle Eastern Studies; Associate Professor, Center for Middle Eastern Studies PhD, Duke University, 2007

Flavio S Azevedo, Associate Professor, Department of Curriculum and Instruction
PhD, University of California-Berkeley, 2005
Ivo M Babuska, Professor Emeritus, Department of Aerospace
Engineering and Engineering Mechanics
PhD, Academy of Sciences, 1955
Uttarayan Bagchi John S. Burns Faculty Fellowship, Professor, Department of Information, Risk, and Operations Management PhD, Pennsylvania State University Main Campus, 1985

Vaibhav Bahadur Carl J. Eckhardt Fellowship in Mechanical Engineering, Associate Professor, Department of Mechanical Engineering
PhD, Purdue University Main Campus, 2008
Jakki Bailey Scott C. and Vickie S. Reeve Endowed Faculty Fellowship, GSLIS Alumni Teaching Fellowship, Assistant Professor, School of Information
PhD, Stanford University, 2018
Christina Bain, Associate Professor, Department of Art and Art History PhD, University of Georgia, 2001

Carlos R Baiz, Associate Professor, Department of Chemistry PhD, University of Michigan-Ann Arbor, 2011

Chandrajit L Bajaj CAM Chair in Visualization, Professor, Department of Computer Science; Professor, Institute for Computational Engineering and Science; Core Faculty,
PhD, Cornell University, 1984
Aaron Blair Baker W.A. (Bill) Cunningham Professorship in Engineering, Professor, Department of Biomedical Engineering
PhD, Harvard University, 2006
Annie N Baker, Associate Professor of Practice, Department of Theatre and Dance
MFA, City University of New York Brooklyn College, 2009
Brett J Baker, Associate Professor, Department of Marine Science; Associate Professor, Department of Integrative Biology PhD, University of Michigan-Ann Arbor, 2014

Doris Luft Baker, Associate Professor, Department of Special Education; Associate Professor, Department of Curriculum and Instruction PhD, University of Oregon, 2007

Lynn A Baker Frederick M. Baron Chair in Law, Professor, School of Law JD, Yale University, 1985

Samuel Baker, Associate Professor, Department of English PhD, University of Chicago, 2001

Efstathios Bakolas Eli H. and Ramona Thornton Centennial Fellowship in Engineering, Associate Professor, Department of Aerospace Engineering and Engineering Mechanics
PhD, Georgia Institute of Technology, 2011
Anantaram Balakrishnan Kenneth M. and Susan T. Jastrow II Chair in Business, Professor, Department of Information, Risk, and Operations Management
PhD, Massachusetts Institute of Technology, 1985
Jorge Francisco Balat, Assistant Professor, Department of Economics PhD, Yale University, 2012

Michael Baldea Frank A. Liddell, Jr. Centennial Fellowship in Chemical Engineering, Associate Professor, Department of Chemical Engineering; Core Faculty,
PhD, University of Minnesota-Twin Cities, 2006
Ross Baldick, Professor Emeritus, Department of Electrical and Computer Engineering
PhD, University of California-Berkeley, 1990
Matthew Thomas Balhoff Bank of America Centennial Professorship in Petroleum Engineering, Professor, Department of Petroleum and Geosystems Engineering; Director (Academic),
PhD, Louisiana State University and Agricultural and Mechanical College, 2005

Dana Harry Ballard, Professor, Department of Computer Science; Professor, Department of Psychology
PhD, University of California-Irvine, 1974
Dawna Ballard, Associate Professor, Department of Communication Studies
PhD, University of California-Santa Barbara, 2002
Sanjay K Banerjee Cockrell Family Regents Chair in Engineering \#4, Professor, Department of Electrical and Computer Engineering; Director (Academic),
PhD, University of Illinois at Urbana-Champaign, 1983
Nathan L Bangs, Senior Research Scientist,

PhD, Columbia University in the City of New York, 1991
Seth Robert Bank Cullen Trust for Higher Education Endowed Professorship in Engineering \#6, Dads' Association Centennial Teaching Fellowship \#1, Professor, Department of Electrical and Computer Engineering
PhD, Stanford University, 2006
Jay L Banner Fred M. Bullard Professorship in Geological Sciences, Professor, Department of Geological Sciences
PhD, State University of New York at Stony Brook, 1986
Zoltan D Barany Frank C. Erwin, Jr. Centennial Professorship in Government, Professor, Department of Government; Professor, Center for Middle Eastern Studies
PhD, University of Virginia (Old Code), 1991
Suzanne Barber AT\&T Foundation Endowed Professorship in Engineering, Professor, Department of Electrical and Computer Engineering; Professor, School of Information; Director (0379), PhD, University of Texas at Arlington, 1992

Joshua Ben Barbour, Associate Professor, Department of Communication Studies
PhD, University of Illinois at Urbana-Champaign, 2006
Janine Barchas The Chancellor's Council Centennial Professorship in the Book Arts, Professor, Department of English
PhD, University of Chicago, 1995
Jonathan F Bard Industrial Properties Corporation Endowed Faculty Fellowship in Engineering, Professor, Department of Mechanical Engineering
DSc, George Washington University, 1979
Indranil R Bardhan Foster Parker Centennial Professorship of Finance and Management, Professor, Department of Information, Risk, and Operations Management; Professor of Medical Education, Department of Medical Education; Faculty Associate,
PhD, University of Texas at Austin, 2005
Jamie C Barner Clifford L. Klinck, Jr. Centennial Professorship in Pharmacy Administration, Professor, College of Pharmacy; Division Head - Health Outcomes,

PhD, Purdue University Main Campus, 1998
Jaime D Barnes, Professor, Department of Geological Sciences
PhD, University of New Mexico Main Campus, 2006
Ronald E Barr, Professor, Department of Mechanical Engineering PhD, Marquette University, 1975

JK Barret, Associate Professor, Department of English
PhD, Princeton University, 2008
Raquel M Barreto, Associate Professor, Department of Theatre and Dance MFA, University of California-San Diego, 2004

Jeffrey E Barrick, Associate Professor, Department of Molecular Biosciences
PhD, Yale University, 2006
Phillip J Barrish Tony Hilfer Professorship in American and British Literature, Professor, Department of English; Professor of Medical Education, Department of Medical Education
PhD, Cornell University, 1991

Caroline A Bartel College of Business Administration Foundation Advisory Council Centennial Fellowship \#6, Professor, Department of Management; Faculty Ombudsperson (Faculty),
PhD, University of Michigan-Ann Arbor, 1998
John Bartholomew Teresa Lozano Long Endowed Chair in Kinesiology and Health Education, Professor, Department of Kinesiology and Health Education
PhD, Arizona State University Main, 1996
Matthew David Bartos, Assistant Professor, Department of Civil, Architectural, and Environmental Engineering
MSE, University of Michigan-Ann Arbor, 2019
Jay Bartroff, Professor, Department of Statistics and Data Sciences PhD, California Institute of Technology, 2004

Anitesh Barua, Professor, Department of Information, Risk, and Operations Management
PhD, Carnegie Mellon University, 1990
Don S Batory, Professor Emeritus, Department of Computer Science PhD, University of Toronto, 1981

Oguzhan Bayrak Phil M. Ferguson Professorship in Civil Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of Toronto, 1999
Fred C Beach, Lecturer, Lyndon B Johnson School of Public Affairs; Lecturer, Department of Chemical Engineering; Lecturer, Department of Finance; Lecturer, Department of Business, Government and Society PhD, University of Texas at Austin, 2010

Sheryl Luzzadder Beach Raymond Dickson Centennial Professorship \#1, Professor, Department of Geography and the Environment PhD, University of Minnesota-Twin Cities, 1990

Timothy Beach C. B. Smith, Sr. Centennial Chair in United States-Mexico Relations \#2, Professor, Department of Geography and the Environment PhD, University of Minnesota-Twin Cities, 1989

Joseph J Beaman Jr Earnest F. Gloyna Regents Chair in Engineering, Professor, Department of Mechanical Engineering
ScD, Massachusetts Institute of Technology, 1979
Sarah Kate Bearman Joe R. \& Teresa Lozano Long Endowed Faculty Fellows Fund, Associate Professor, Department of Educational Psychology; Associate Professor, Department of Psychiatry PhD, University of Texas at Austin, 2005

Alex A Beasley, Assistant Professor, Department of American Studies; Assistant Professor, Center for Women's and Gender Studies; Assistant Professor, Department of History
PhD, Yale University, 2016
David I Beaver, Faculty Associate; Professor, Department of Linguistics; Professor, Program in the Human Dimensions of Organizations PhD, University of Edinburgh, 1995

John T Beavers, Professor, Department of Linguistics
PhD, Stanford University, 2006
Deborah Beck, Associate Professor, Department of Classics
PhD, Harvard University, 1997
Heather A Becker, Research Scientist,
PhD, University of Texas at Austin, 1981

Michael Franklin Becker, Professor Emeritus, Department of Electrical and Computer Engineering
PhD, Stanford University, 1974
Thorsten Becker Shell Companies Foundation Distinguished Chair in Geophysics, Affiliated Faculty, Oden Institute; Professor, Department of Geological Sciences
PhD, Harvard University, 2002
William Beckner Paul V. Montgomery Centennial Memorial Professorship in Mathematics, Professor, Department of Mathematics PhD, Princeton University, 1975

Jennifer S Beer, Professor, Department of Psychology; Professor, Department of Psychiatry
PhD, University of California-Berkeley, 2002
Christopher G Beevers Wayne H. Holtzman Regents Chair in Psychology, Professor, Department of Psychology; Professor, Department of Psychiatry
PhD, University of Miami, 2002
Brian Belardi, Assistant Professor, Department of Chemical Engineering PhD, University of California-Berkeley, 2014

Kirsten L Belgum, Associate Professor, Department of Germanic Studies PhD, University of Wisconsin-Madison, 1989

Mikhail A Belkin, Adjunct Professor, Department of Electrical and Computer Engineering
PhD, University of California-Berkeley, 2004
Christopher J Bell, Associate Dean, John A and Katherine G Jackson School of Geosciences; Professor, Department of Geological Sciences PhD, University of California-Berkeley, 1997

Andrew Belnap, Assistant Professor, Department of Accounting MAcc, Brigham Young University, 2012

Mary C Beltran, LMAS Affiliated; Associate Professor, Department of Radio-Television-Film; Associate Professor, Center for Mexican American Studies; Associate Professor, Center for Women's and Gender Studies PhD, University of Texas at Austin, 2002

Adela Ben-Yakar Harry L. Kent, Jr. Professorship in Mechanical Engineering, Professor, Department of Mechanical Engineering; Professor, Department of Biomedical Engineering
PhD, Stanford University, 2001
David D Ben-Zvi, Professor, Department of Mathematics
PhD, Harvard University, 1999
Michael L Benedikt Hal Box Endowed Chair in Urbanism, Professor, School of Architecture; Professor, School of Design and Creative Technologies
MEnvironD, Yale University, 1975
Miroslava Benes, Associate Professor, School of Architecture PhD, Yale University, 1989

Aprile D Benner, Associate Professor, Department of Human Development and Family Sciences
PhD, University of California-Los Angeles, 2007
Chad J Bennett, Associate Professor, Department of English; Associate Professor, Center for Women's and Gender Studies
PhD, Cornell University, 2011
Magdalena Bennett, Assistant Professor, Department of Information, Risk, and Operations Management

PhD, Columbia University in the City of New York, 2020

Philip C Bennett Total E\&P USA Petroleum Faculty Fellowship in Geological Sciences, Professor, Department of Geological Sciences PhD, Syracuse University Main Campus, 1989

Tasha Beretvas John L. and Elizabeth G. Hill Centennial Professorship, Professor, Department of Educational Psychology; Professor, Department of Psychiatry; Senior Vice Provost for Faculty Affairs, Office of the Executive Vice President and Provost
PhD, University of Washington - Seattle, 2000

Charles E Berg Joe M. Dealey, Sr. Professorship in Media Studies, LMAS
Affiliate; Professor, Department of Radio-Television-Film; Professor, Center for Mexican American Studies

PhD, University of Texas at Austin, 1987
Danielle Amanda Berg, Assistant Professor, Department of Astronomy PhD, University of Minnesota-Twin Cities, 2013

Jay Michael Bernhardt Walter Cronkite Regents Chair in Communication, Dean, Moody College of Communication; Professor, Department of Communication Studies; Professor, Stan Richards School of Advertising and Public Relations

PhD, University of North Carolina at Chapel Hill, 1999

Vladislav Beronja, Assistant Professor, Department of Slavic and Eurasian Studies
PhD, University of Michigan-Ann Arbor, 2014
Daina R Berry Oliver H. Radkey Regents Professorship in History, Professor, Department of History; Professor, John L Warfield Center for African and African American Studies; Professor, Department of African and African Diaspora Studies; Professor, Center for Women's and Gender Studies
PhD, University of California-Los Angeles, 1998
Lance Bertelsen Iris Howard Regents Professorship in English Literature, Professor, Department of English
PhD, University of Washington - Seattle, 1979

Srinivas V Bettadpur, Professor, Department of Aerospace Engineering and Engineering Mechanics; Professor, Applied Research Laboratories; Professor, Department of Geological Sciences; Director (Academic), PhD, University of Texas at Austin, 1993

Amit Bhasin The Joe King Professorship, Professor, Department of Civil, Architectural, and Environmental Engineering; Director (Academic), DPhil, Texas A \& M University, 2006

Venkataraman Bhaskar Sue Killam Professorship in the Foundations of Economics, Professor, Department of Economics
DPhil, University of Oxford, 1988
Chandra R Bhat Joe J. King Chair of Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering; Professor, Department of Economics
PhD, Northwestern University, 1991

Saroj Bhattarai, Associate Professor, Department of Economics PhD, Princeton University, 2010

Randolph G Bias, Professor, School of Information
PhD, University of Texas at Austin, 1978
J Eric Bickel Engineering Foundation Endowed Professorship No. 1, Professor, Department of Mechanical Engineering; Professor, Department of Petroleum and Geosystems Engineering; Professor, Department of Information, Risk, and Operations Management; Faculty Associate-ENGR,

PhD, Stanford University, 1999

Kory Bieg, Associate Professor, School of Architecture
MArch, Columbia University in the City of New York, 2002

Barbara Ann Bintliff Joseph C. Hutcheson Professorship in Law,
Professor Emeritus, School of Law
JD, University of Washington - Seattle, 1978
Douglas G Biow The Superior Oil Company - Linward Shivers Centennial Professorship in Medieval and Renaissance Studies, Professor, Department of French and Italian; Professor, Department of History Director Academic Center, Center for European Studies PhD, Johns Hopkins University, 1990

Alexander Birchler, Professor of Practice, Department of Art and Art History
MFA, Nova Scotia College of Art and Design, 1992

David P Birdsong, Professor, Department of French and Italian PhD, Harvard University, 1979

Daniel J Birkholz, Associate Professor, Department of English PhD, University of Minnesota-Twin Cities, 1999

George Biros W. A. "Tex" Moncrief, Jr. Endowment in Simulation-Based Engineering and Sciences - Endowed Chair No. 2, Professor, Department of Mechanical Engineering; Professor, Institute for Computational Engineering and Science; Professor, Department of Computer Science; Core Faculty,
PhD, Carnegie Mellon University, 2000
Fabrizio Bisetti, Assistant Professor, Department of Aerospace Engineering and Engineering Mechanics; Affiliated Faculty, Oden Institute,
PhD, University of California-Berkeley, 2007

Joydeep Biswas, Assistant Professor, Department of Computer Science PhD, Carnegie Mellon University, 2014

George D Bittner, Professor, Department of Neuroscience PhD, Stanford University, 1967

Richard Patrick Bixler, Assistant Professor, Lyndon B Johnson School of Public Affairs; Assistant Professor, School of Architecture PhD, Colorado State University, 2014

Marc Bizer, Professor, Department of French and Italian PhD, Princeton University, 1993

Lynn E Blais Leroy G. Denman, Jr. Regents Professorship in Real Property Law, Professor Emeritus, School of Law
JD, Harvard University, 1988
Mary E Blockley, Professor, Department of English
PhD, Yale University, 1984
Carl S Blyth, Associate Professor, Department of French and Italian; Director (0382),
PhD, Cornell University, 1990

Hans C Boas The Raymond Dickson, Alton C. Allen and Dillon Anderson Centennial Professorship, Professor, Department of Germanic Studies; Professor, Department of Linguistics
PhD, University of North Carolina at Chapel Hill, 2000

Mary A Bock, Associate Professor, School of Journalism and Media; Associate Professor, Center for Women's and Gender Studies; Associate Professor, Department of Communication Studies

PhD, University of Pennsylvania, 2009
Kimberly Kay Boddy, Assistant Professor, Department of Physics PhD, California Institute of Technology, 2014

Marion Enid Bodian, Professor Emeritus, Department of History PhD, Hebrew University, 1988

Christoph Boehm, Assistant Professor, Department of Economics PhD, University of Michigan-Ann Arbor, 2016

David G Bogard Baker Hughes Incorporated Centennial Professorship, Professor, Department of Mechanical Engineering
PhD, Purdue University Main Campus, 1982
Raghu Bollapragada, Assistant Professor, Department of Mechanical Engineering
MS, Northwestern University, 2015
Robert G Bone G. Rollie White Teaching Excellence Chair in Law, Professor, School of Law
JD, Harvard University, 1978
Daniel A Bonevac, Faculty Associate; Professor, Department of Philosophy; Professor, Program in the Human Dimensions of Organizations
PhD, University of Pittsburgh, Pittsburgh Campus, 1980
Paola Bonifazio, Associate Professor, Department of French and Italian; Associate Professor, Center for Women's and Gender Studies PhD, New York University, 2008

Paul A Bonin, Associate Professor, Department of Theatre and Dance PhD, University of Texas at Austin, 2006

Roger T Bonnecaze Cockrell Family Dean's Chair in Engineering Excellence, Jack and Beverly Randall Dean's Chair for Excellence in Engineering, George T. and Gladys H. Abell Endowed Chair of Engineering, Professor, Department of Chemical Engineering; Interim Dean, Cockrell School of Engineering, Office of the Executive Vice President and Provost PhD, California Institute of Technology, 1991

Jason R Borge, LMAS Affiliated; Professor, Department of Spanish and Portuguese
PhD, University of California-Berkeley, 2002
James Bornholt, Assistant Professor, Department of Computer Science PhD, University of Washington - Seattle, 2019

Maura Borrego William J. Murray, Jr. Fellowship in Engineering No. 2, Professor, Department of Mechanical Engineering; Professor, Department of Curriculum and Instruction
PhD, Stanford University, 2003
Pascale R Bos, Associate Professor, Department of Germanic Studies; Associate Professor, Center for Women's and Gender Studies PhD, University of Minnesota-Twin Cities, 1998

David L Bourell Temple Foundation Endowed Professorship No. 2,
Professor, Department of Mechanical Engineering
PhD, Stanford University, 1979
Alan C Bovik Cockrell Family Regents Chair in Engineering \#3, Professor, Department of Electrical and Computer Engineering
PhD, University of Illinois at Urbana-Champaign, 1984
Lewis P Bowen Frank E. Gerth III Faculty Fellowships, Professor, Department of Mathematics
PhD, University of Texas at Austin, 2002

Brendan Peter Bowler, Assistant Professor, Department of Astronomy PhD, University of Hawaii at Manoa, 2013

Svetlana Boyarchenko, Associate Professor, Department of Economics PhD, Rostov State University, 1983

Michael Boylan-Kolchin, Associate Professor, Department of Astronomy PhD, University of California-Berkeley, 2006

Casey A Boyle, APX Consultant; Associate Professor, Department of Rhetoric and Writing; Associate Professor, Department of Communication Studies
PhD, University of South Carolina - Columbia, 2011
Stephen Boyles Charles Elmer Rowe Fellowship in Engineering, Associate Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of Texas at Austin, 2009
Kevin Bozic, Professor, Department of Surgery and Perioperative Care MD, University of California-San Francisco, 1994

Oren Bracha William C. Conner Chair in Law, Howrey LLP and Arnold, White \& Durkee Centennial Professorship in Law, Professor, School of Law
SJD, Harvard University, 2005
Darrin H Brager, Research Associate Professor, Department of Neuroscience
PhD, University of Maryland Baltimore, 2002
Simon J Brandl, Assistant Professor, Department of Marine Science PhD, James Cook University, 2016

Henry W Brands Jack S. Blanton, Sr. Chair in History, Faculty Associate; Professor, Department of History
PhD, University of Texas at Austin, 1985
Joel Braun, Associate Professor, Sarah and Ernest Butler School of Music MM, The Juilliard School, 2007

Troy D Brauntuch, Professor, Department of Art and Art History BFA, California Institute of the Arts, 1975

Molly S Bray Susan T. Jastrow Human Ecology Chair for Excellence in Nutritional Sciences, Jean Andrews Centennial Faculty Fellowship in Human Nutrition, Professor, Department of Nutritional Sciences; Professor, Department of Pediatrics
PhD, University of Texas Health Science Center at Houston, 1998
Sarah Brayne, Assistant Professor, Department of Sociology MA, Princeton University, 2012

Daniel O Breecker, Professor, Department of Geological Sciences PhD, University of New Mexico Main Campus, 2008

Boris Breizman, Research Professor, Institute for Fusion Studies; Research Professor, Department of Physics
PhD, Budker Institute of Nuclear Physics, 1978
J Thomas Brenna, Professor, Department of Pediatrics
PhD, Cornell University, 1985
Joan F Brennecke Cockrell Family Chair in Engineering \#16, Professor, Department of Chemical Engineering
PhD, University of Illinois at Urbana-Champaign, 1989
Joel P Brereton, Professor Emeritus, Department of Asian Studies
PhD, Yale University, 1975

Nathaniel O Brickens Mary D. Bold Regents Professorship of Music, Professor, Sarah and Ernest Butler School of Music; Faculty AssociateTexas Global Education Abroad,
DMA, University of Texas at Austin, 1989
Laura F Bright, Acting Associate Director, Advertising and Public
Relations; Associate Professor, Stan Richards School of Advertising and

## Public Relations

PhD, University of Texas at Austin, 2008
Daniel M Brinks, Professor, Department of Government; Professor, School of Law
PhD, University of Notre Dame, 2004
Danelle Irene Briscoe, Associate Professor, School of Architecture MArch, Yale University, 2002

Steven G Britt, Professor of Medicine, Department of Neurology; Professor of Medicine, Department of Ophthalmology
MD, University of Texas Medical Branch, 1986
Amy Brock Raymond F. Dawson Centennial Teaching Fellowship in Engineering, Associate Professor, Department of Biomedical Engineering PhD, Harvard University, 2004

Patrick L Brockett Gus Wortham Memorial Chair in Risk Management and Insurance, Professor, Department of Information, Risk, and Operations Management; Professor, Department of Finance; Professor, Department of Mathematics; Faculty Associate, PhD, University of California-Irvine, 1975

Jennifer S Brodbelt Rowland Pettit Centennial Chair in Chemistry, Larry R. Faulkner Departmental Chair for Excellence in Chemistry and Biochemistry, Professor, Department of Chemistry; Professor, Department of Oncology
PhD, Purdue University Main Campus, 1988
Andrew Brodsky, Assistant Professor, Department of Management PhD, Harvard University, 2017

Volker Bromm Josey Centennial Professorship in Astronomy, Professor, Department of Astronomy
PhD, Yale University, 2000
Susan M Broniarczyk Susie and John L. Adams Endowed Chair in Business, Professor, Department of Marketing; Associate Dean, Red McCombs School of Business
PhD, University of Florida, 1992
Benjamin Claude Brower, Associate Professor, Department of History; Associate Professor, Center for Middle Eastern Studies
PhD, Cornell University, 2005
Anthony L Brown, Professor, Department of Curriculum and Instruction; Professor, John L Warfield Center for African and African American Studies; Professor, Department of African and African Diaspora Studies PhD, University of Wisconsin-Madison, 2006

Carolyn M Brown Henry M. Burlage Centennial Endowed Professorship in Pharmacy, Professor, College of Pharmacy; Professor, John L Warfield Center for African and African American Studies
PhD, University of Florida, 1994
Christopher P Brown, Professor, Department of Educational Leadership and Policy
PhD, University of Wisconsin-Madison, 2004
Keffrelyn D Brown Suzanne B. and John L. Adams Endowed
Professorship in Education, Professor, Department of Curriculum
and Instruction; Professor, Center for Women's and Gender Studies; Professor, John L Warfield Center for African and African American Studies; Professor, Department of African and African Diaspora Studies PhD, University of Wisconsin-Madison, 2006

Keith C Brown Fayez Sarofim \& Co. Centennial Fellowship \#2, Professor, Department of Finance
PhD, Purdue University Main Campus, 1981
Khytie Brown, Assistant Professor, Department of Religious Studies MTS, Harvard University, 2013

Richard Allen Brown, Professor of Psychiatry, Department of Psychiatry; Research Professor, School of Nursing
PhD, University of Oregon, 1981
Simone Arlene Browne, Associate Professor, John L Warfield Center for African and African American Studies; Associate Professor, Department of African and African Diaspora Studies; Associate Professor, Department of Sociology; Associate Professor, Center for Women's and Gender Studies
PhD, University of Toronto, 2007
Andrew A Brownell, Assistant Professor, Sarah and Ernest Butler School of Music
DMA, Guildhall School of Music and Drama, 2010
Karen S Browning, Professor, Department of Molecular Biosciences PhD, University of Illinois at Urbana-Champaign, 1980

Jason M Brownlee, Professor, Department of Government; Professor, Center for Middle Eastern Studies; Professor, Department of Middle Eastern Studies
PhD, Princeton University, 2004
Audrey C Brumback, Assistant Professor, Department of Neurology; Assistant Professor, Department of Pediatrics
PhD, University of Colorado at Denver, 2006
Barry Brummett Charles Sapp Centennial Professorship in
Communication, Professor, Department of Communication Studies PhD, University of Minnesota-Twin Cities, 1978

Kristen Elizabeth Brustad, DMES Fellow,
PhD, Harvard University, 1991
Douglas S Bruster Mody C. Boatright Regents Professorship in American and English Literature, Faculty Associate; Professor, Department of English
PhD, Harvard University, 1990
Diane P Bryant Mollie Villeret Davis Professorship in Learning Disabilities, Professor, Department of Special Education
PhD, University of New Mexico Main Campus, 1986
Erika M Bsumek, Associate Professor, Department of History PhD, Rutgers the State University of New Jersey New Brunswick Campus, 2000

Lawrence Ray Buchanan, Associate Professor, Department of Philosophy PhD, New York University, 2008

J Budziszewski, Professor, Department of Government; Professor, Department of Philosophy
PhD, Yale University, 1981
Walter L Buenger Jr Summerlee Foundation Chair in Texas History, Barbara White Stuart Centennial Professorship in Texas History, Professor, Department of History

PhD, Rice University, 1979
James W Buhler, Faculty Associate; Professor, Sarah and Ernest Butler School of Music
PhD, University of Pennsylvania, 1996
Tan Thanh Bui William J. Murray, Jr. Fellowship in Engineering No. 4, Associate Professor, Department of Aerospace Engineering and Engineering Mechanics; Core Faculty,
PhD, Massachusetts Institute of Technology, 2007
Beth E Bukoski, Associate Professor of Practice, Department of Educational Leadership and Policy
PhD, University of Texas at Austin, 2012
Barbara Ellen Bullock, Professor, Department of French and Italian; Professor, Department of Spanish and Portuguese PhD, University of Delaware, 1990

Marissa Burgermaster, Assistant Professor, Department of Nutritional Sciences; Assistant Professor, Department of Population Health PhD, Columbia University in the City of New York, 2015

Virginia Garrard Burnett, Professor, Department of History; Professor, Department of Religious Studies
PhD, Tulane University, 1986
Chelsea Burns The Walter and Gina Ducloux Fine Arts Faculty Fellowship Endowment, Assistant Professor, Sarah and Ernest Butler School of Music
PhD, University of Chicago, 2016
Ethan R Burris King Ranch Chair for Business Leadership, Janet Riha Neissa and Jimmy Neissa Endowed Professorship in Business, Professor, Department of Management; Professor, Department of Medical Education; Senior Associate Dean, Academic Affairs, Red McCombs School of Business; Director (Academic),
PhD, Cornell University, 2005
Thomas A Burritt, Professor, Sarah and Ernest Butler School of Music DMA, Northwestern University, 2000

Joshua W Busby, Associate Professor, Lyndon B Johnson School of Public Affairs
PhD, Georgetown University, 2004
Noel B Busch-Armendariz Endowed President's Professorship, Professor, School of Social Work; Professor, Center for Women's and Gender Studies; Professor, Department of Health Social Work
PhD, University of South Carolina - Columbia, 2000
Adam Bush, Assistant Professor, Department of Biomedical Engineering PhD, University of Southern California, 2017

Edward J Buskey Nancy Lee and Perry R. Bass Regents Chair in Marine Science, Interim Director of the Marine Science Institute; Professor, Department of Marine Science
PhD, University of Rhode Island, 1983
David M Buss, Professor, Department of Psychology PhD, University of California-Berkeley, 1981

John C Butler, Clinical Associate Professor, Department of Finance; Associate Director, Energy Management and Innovation Center, PhD, University of Texas at Austin, 1998

Johnny S Butler J. Marion West Chair for Constructive Capitalism, Professor, Department of Management; Professor, Department of

Sociology; Professor, John L Warfield Center for African and African American Studies; Faculty Director, Jon Brumley Texas Venture Labs, PhD, Northwestern University, 1974

Matthew J Butler, Associate Professor, Department of History PhD, University of Bristol, 2000

Michael Butterworth, Faculty Associate; Professor, Department of Communication Studies
PhD, Indiana University at Bloomington, 2006
Courtney T Byrd Dale and Tina Holder Endowed Chair in Stuttering Leadership, Distinguished Teaching Professor, Department of Speech, Language, and Hearing Sciences; Executive Director, Arthur M. Blank Center for Stuttering Education and Research, PhD, Vanderbilt University, 2003

Marika Cabral, Associate Professor, Department of Economics PhD, Stanford University, 2011

Elena Caceres, Associate Professor, Department of Physics PhD, University of Texas at Austin, 1996

Luis A Caffarelli Sid W. Richardson Foundation Regents Chair in Mathematics \#1, Professor, Department of Mathematics; Core Faculty, PhD, University of Buenos Aires, 1972

Carlos H Caldas Gerard A. Rohlich Regents Professorship in Civil Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of Illinois at Urbana-Champaign, 2003
Catherine Calder, Professor, Department of Statistics and Data Sciences PhD, Duke University, 2003

Rebecca Marie Callahan, Other University Affiliate,
PhD, University of California-Davis, 2003
Cassandra E Callmann, Assistant Professor, Department of Chemistry PhD, University of California-San Diego, 2018

Esther Calzada Norma and Clay Leben Professorship in Child and Family Behavioral Health, Associate Dean, School of Social Work PhD, University of Florida, 2000

Xiaolu Cambronne, Assistant Professor, Department of Molecular Biosciences
PhD, Harvard University, 2009
Naomi Campa, Assistant Professor, Department of Classics PhD, University of Washington - Seattle, 2014

Craig A Campbell, Associate Professor, Department of Anthropology; Associate Professor, Department of Slavic and Eurasian Studies PhD, University of Alberta, 2009

Julia Campbell, Assistant Professor, Department of Speech, Language, and Hearing Sciences
PhD, University of Colorado at Boulder, 2015
Katherine Canales, Professor of Practice, School of Design and Creative Technologies
BS, Stanford University, 2002
Jorge Canizares Alice Jane Drysdale Sheffield Regents Professorship in History, Professor, Department of History
PhD, University of Wisconsin-Madison, 1995
David Cannatella, Professor, Department of Integrative Biology; Associate Director (Academic),

PhD, University of Kansas Main Campus, 1986
Charlotte Canning Frank C. Erwin, Jr. Centennial Professorship in Drama,
Secretary to General Faculty; Professor, Department of Theatre and Dance; Professor, Center for Women's and Gender Studies; Professor, Department of African and African Diaspora Studies
PhD, University of Washington - Seattle, 1991
Paola Canova, Associate Professor, Department of Anthropology PhD, University of Arizona, 2014

Sarah A Canright, Associate Professor of Practice, Department of Art and Art History
BFA, School of the Art Institute of Chicago, 1964
Debra Cantu, Associate Professor of Practice, Department of Educational Leadership and Policy
PhD, University of Texas at Austin, 2013
Norma V Cantu Ken McIntyre Professorship for Excellence in School Leadership, Professor, Department of Educational Leadership and Policy JD, Harvard University, 1977

Junyu Cao, Assistant Professor, Department of Information, Risk, and Operations Management
PhD, University of California-Berkeley, 2020
Constantine Caramanis Chandra Family Endowed Distinguished Professorship in Electrical and Computer Engineering \#1, CS OM Faculty Associate-9/1/21-8/31/22; Professor, Department of Electrical and Computer Engineering
PhD, Massachusetts Institute of Technology, 2006
Luis Ernesto Carcamo-Huechante, Associate Professor, Department of Spanish and Portuguese; Director (Academic),
PhD, Cornell College, 2001
Meinhard Bayani Cardenas J. Nalle Gregory Regents Professorship in Geological Sciences, Professor, Department of Geological Sciences PhD, New Mexico Institute of Mining and Technology, 2006

Caryn L Carlson, Faculty Associate; Professor, Department of Psychology; Professor, Program in the Human Dimensions of

## Organizations

PhD, University of Georgia, 1984
Cindy I Carlson, Professor, Department of Educational Psychology PhD, Indiana University at Bloomington, 1982

Charles Daniel Carson, Associate Professor, Sarah and Ernest Butler School of Music; Associate Professor, John L Warfield Center for African and African American Studies
PhD, University of Pennsylvania, 2008
Daniela Bini Carter, Professor, Department of French and Italian PhD, University of Texas at Austin, 1970

Mia E Carter, Faculty Associate; Associate Professor, Department of English; Associate Dean, College of Liberal Arts
PhD, University of Wisconsin-Milwaukee, 1992
Carlos Marinho Carvalho La Quinta Motor Inns, Inc. Centennial Professorship in Business, Professor, Department of Information, Risk, and Operations Management; Professor, Department of Finance; Professor, Department of Statistics and Data Sciences; Executive Director of the CEPA; Salem Center for Policy,
PhD, Duke University, 2006

Oscar H Casares Susan Taylor McDaniel Regents Professorship in Creative Writing \#1, Professor, Department of English; Professor, Center for Mexican American Studies
MFA, University of Iowa, 2001
Caitlin M Casey, Associate Professor, Department of Astronomy PhD, University of Cambridge, 2011

Jordan Casey, Assistant Professor, Department of Marine Science PhD, James Cook University, 2015

Sergio Castellanos, Assistant Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, Massachusetts Institute of Technology, 2015
Darla Marie Castelli Catherine Mae Parker Centennial Professorship in Education, Professor, Department of Kinesiology and Health Education PhD, University of South Carolina - Columbia, 2002

Edward Castillo, Affiliated Faculty, Oden Institute; Associate Professor, Department of Biomedical Engineering
PhD, Rice University, 2008
Yessenia Castro, Associate Professor, School of Social Work PhD, Florida State University, 2008

Iokepa Casumbal-Salazar, Assistant Professor, Department of Anthropology
PhD, University of Hawaii at Manoa, 2014
Ginny A Catania William T. Stokes Centennial Teaching Fellowship in Geological Sciences, Professor, Department of Geological Sciences; Professor, Institute for Geophysics; Program Director (Academic), PhD, University of Washington - Seattle, 2004

Kirsten Cather, Associate Professor, Department of Asian Studies PhD, University of California-Berkeley, 2004

Elizabeth Jacqueline Catlos Geology Foundation Advisory Council Centennial Teaching Fellowship in Geological Sciences, Associate Professor, Department of Geological Sciences
PhD, University of California-Los Angeles, 2000
Kate Catterall, Associate Professor, School of Design and Creative Technologies; Associate Professor, School of Information MA, Glasgow School of Art, 1992

Shannon Eileen Cavanagh, Professor, Department of Sociology PhD, University of North Carolina at Chapel Hill, 2003

Stephanie Washbourn Cawthon, Professor, Department of Educational Psychology; Professor, Department of Special Education PhD, University of Wisconsin-Madison, 2000

Can Cenik, Assistant Professor, Department of Molecular Biosciences PhD, Harvard University, 2012

Ivan Y Chaar Lopez, Assistant Professor, Department of American Studies
PhD, University of Michigan-Ann Arbor, 2018
Deepayan Chakrabarti, Assistant Professor, Department of Information, Risk, and Operations Management
PhD, Carnegie Mellon University, 2005
Edward Chambers David Bruton, Jr. Centennial Professorship in Art History, Professor, Department of Art and Art History; Professor, John L Warfield Center for African and African American Studies PhD, University of London, 1998

Frances Anne Champagne, Professor, Department of Psychology;
Professor, Department of Psychiatry
PhD, McGill University, 2004
Jane Dimmitt Champion Lee and Joseph D. Jamail Endowed Professorship in Nursing, Professor, School of Nursing
PhD, University of Texas Health Science Center at San Antonio, 1994
Craig A Champlin Lillie Hage Jamail Centennial Professorship, Professor, Department of Speech, Language, and Hearing Sciences
PhD, University of Kansas Main Campus, 1987
Clarence Shiu Man Chan, Associate Professor, Department of Molecular Biosciences
PhD, Cornell University, 1985
Eric Chan, Assistant Professor, Department of Accounting PhD, University of Pittsburgh, Pittsburgh Campus, 2015

Chih-Hao Chang, Associate Professor, Department of Mechanical Engineering
PhD, Massachusetts Institute of Technology, 2008
Jennifer T Chang, Associate Professor, Department of English PhD, University of Virginia, 2017

Joshua Tsukang Chang, Assistant Professor of Medicine, Department of Neurology; Assistant Professor of Medicine, Department of Population Health
PhD, University of Massachusetts, 2017
Sung-Sheng Yvonne Chang, Professor, Department of Asian Studies PhD, Stanford University, 1985

Terrence Leon Chapman, Associate Professor, Department of Government
PhD, Emory University, 2007
Michael J Charlesworth Jeanette and Ferris Nassour Faculty Fellowship in Art History, Professor, Department of Art and Art History PhD, The University of Kent, 1990

William S Charlton John J. McKetta Energy Professorship in Engineering, Director Academic Center, Nuclear Engineering Teaching Laboratory; Professor, Department of Mechanical Engineering; Professor, Applied Research Laboratories
PhD, Texas A \& M University, 1999
Davida H Charney, Faculty Associate; Professor, Department of Rhetoric and Writing; Professor, Department of English
PhD, Carnegie Mellon University, 1985
Mounira M Charrad, Associate Professor, Department of Sociology; Associate Professor, Center for Women's and Gender Studies; Associate Professor, Center for Middle Eastern Studies; Associate Professor, Department of Middle Eastern Studies PhD, Harvard University, 1980

Indrani Chatterjee, Professor, Department of History; Professor, Department of Asian Studies
PhD, University of London, 1996
Pramit Chaudhuri, Associate Professor, Department of Classics PhD, Yale University, 2008

Swarat Chaudhuri, Associate Professor, Department of Computer Science
PhD, University of Pennsylvania, 2007

Karma Ruth Chavez, LMAS Affiliated; Associate Professor, Department of Mexican American and Latino/a Studies; Associate Professor, Department of Communication Studies; Associate Professor, Center for Women's and Gender Studies; Associate Professor, Department of Rhetoric and Writing
PhD, Arizona State University Main, 2007
Shuchi Chawla Professorship in Computer Sciences \#2, Professor, Department of Computer Science
PhD, Carnegie Mellon University, 2005
Jacob Earl Cheadle, Professor, Department of Sociology PhD, Pennsylvania State University Park, 2005

James R Chelikowsky W. A. "Tex" Moncrief, Jr. Chair in Computational Materials, Professor, Department of Chemical Engineering; Professor, Department of Physics; Professor, Department of Chemistry; Core Faculty,
PhD, University of California-Berkeley, 1975
Dongmei Chen Chevron Centennial Fellowship in Engineering (No. 2), Professor, Department of Mechanical Engineering
PhD, University of Michigan-Ann Arbor, 2006
Gina Chen, Associate Professor, School of Journalism and Media PhD, Syracuse University Main Campus, 2012

Jingyi Chen, Assistant Professor, Department of Aerospace Engineering and Engineering Mechanics; Assistant Professor, Department of Geological Sciences
PhD, Stanford University, 2014
Jonathan Yan Chen, Professor, Division of Textiles and Apparel; Professor, School of Human Ecology
PhD, University of Leeds, 1995
Ray T Chen Keys and Joan Curry/Cullen Trust Endowed Chair, Professor, Department of Electrical and Computer Engineering
PhD, University of California-Irvine, 1991
Shuping Chen The Wilton E. and Catherine A. Thomas Professorship in Accounting, Professor, Department of Accounting PhD, University of Southern California, 2003

Thomas Chen Frank E. Gerth III Faculty Fellowships, Professor, Department of Mathematics
PhD, Swiss Federal Institute of Technology, 2001
Wenhong Chen, Associate Professor, School of Journalism and Media; Associate Professor, Department of Radio-Television-Film; Associate Professor, Department of Sociology; Director (Academic), PhD, University of Toronto, 2007

Z Jeffrey Chen, Professor, Department of Molecular Biosciences; Professor, Department of Integrative Biology
PhD, Texas A \& M University, 1993
Robert M Chesney Honorable James A. Baker III Chair in the Rule of Law and World Affairs, Charles I. Francis Professorship in Law, Professor, School of Law; Director of the Robert Strauss Center for International Security and Law,
JD, Harvard University, 1997
Lina Chhun, Assistant Professor, Department of American Studies PhD, University of California-Los Angeles, 2019

Joshua Childs, Assistant Professor, Department of Educational Leadership and Policy

PhD, University of Pittsburgh, Pittsburgh Campus, 2015
Sandeep Chinchali Jack Kilby/Texas Instruments Endowed Faculty Fellowship in Computer Engineering, Assistant Professor, Department of Electrical and Computer Engineering
BS, California Institute of Technology, 2012
Derek Chiou, Research Scientist,
PhD, Massachusetts Institute of Technology, 1999
John Chisholm, Assistant Professor, Department of Astronomy PhD, University of Wisconsin-Milwaukee, 2016

Eunsol Choi, Faculty Associate; Assistant Professor, Department of Computer Science
MS, University of Washington - Seattle, 2015
Namkee Choi Louis and Ann Wolens Centennial Chair in Gerontology, Professor, School of Social Work; Professor, Department of Psychiatry PhD, University of California-Berkeley, 1987

Seung William Choi, Professor, Department of Educational Psychology; Professor of Population Health, Department of Population Health PhD, University of Texas at Austin, 1996

Shwetadwip Chowdhury Jack Kilby/Texas Instruments Endowed Faculty Fellowship in Computer Engineering, Assistant Professor, Department of Electrical and Computer Engineering
PhD, Duke University, 2016
Richard J Chuchla, Energy and Earth Resources Graduate Program Director,

Jessica Alice Church-Lang, Associate Professor, Department of Psychology; Associate Professor, Department of Psychiatry PhD, Washington University in St Louis, 2008

Michael J Churgin Raybourne Thompson Centennial Professorship in Law, Professor, School of Law
JD, Yale University, 1973
Hsiang Chyi, Associate Professor, School of Journalism and Media PhD, University of Texas at Austin, 1999

Mirela Ciperiani, Associate Professor, Department of Mathematics PhD, Princeton University, 2006

Erica Ciszek, Assistant Professor, Stan Richards School of Advertising and Public Relations
PhD, University of Oregon, 2014
Kasey Claborn, Faculty Associate; Assistant Professor, School of Social Work; Assistant Professor of Psychiatry, Department of Psychiatry PhD, Oklahoma State University Main Campus, 2013

Alexandra L Clark, Assistant Professor, Department of Psychology PhD, San Diego State University, 2019

John R Clarke Annie Laurie Howard Regents Professorship in Fine Arts, Professor, Department of Art and Art History
PhD, Yale University, 1973
John-Paul Clarke Ernest Cockrell, Jr., Memorial Chair in Engineering,
Professor, Department of Aerospace Engineering and Engineering Mechanics
ScD, Massachusetts Institute of Technology, 1997
Julia Allison Clarke John A. Wilson Professorship in Vertebrate Paleontology, Professor, Department of Geological Sciences; Associate

Dean, Diversity, Equity, and Inclusion, John A and Katherine G Jackson
School of Geosciences
PhD, Yale University, 2002
Kevin Clarno, Affiliated Faculty, Oden Institute; Associate Professor, Department of Mechanical Engineering
PhD, Texas A \& M University, 2004
Christian Claudel, Associate Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of California-Berkeley, 2010
Patricia Clayton, Adjunct Associate Professor, Department of Civil,
Architectural, and Environmental Engineering
MSCE, University of Washington - Seattle, 2010
Danielle P Clealand, Associate Professor, Department of Mexican American and Latino/a Studies; Associate Professor, Department of African and African Diaspora Studies
PhD, University of North Carolina at Chapel Hill, 2011
Nathan Clemens, Associate Professor, Department of Special Education PhD, Lehigh University, 2009

Noel T Clemens Clare Cockrell Williams Centennial Chair in Engineering, Professor, Department of Aerospace Engineering and Engineering Mechanics
PhD, Stanford University, 1991
Michael B Clement Clark W. Thompson, Jr. Chair in Accounting, Professor, Department of Accounting
PhD, Stanford University, 1997
Tanya Elizabeth Clement, Associate Professor, Department of English; Associate Professor, School of Information
PhD, University of Maryland College Park, 2009
Mark P Cloos Getty Oil Company Centennial Chair in Geological Sciences, Professor, Department of Geological Sciences
PhD, University of California-Los Angeles, 1981
Rusty Cloyes, Associate Professor of Practice, Department of Theatre and Dance
MFA, University of Texas at Austin, 2005
Adam John Clulow, Professor, Department of History
PhD, Columbia University in the City of New York, 2008
Tanya M Coakley, Professor, School of Nursing
PhD, University of Tennessee, 2004
Geoffrey A Coalson, Clinical Associate Professor, Department of Speech, Language, and Hearing Sciences
PhD, University of Texas at Austin, 2013
Diane L Coffey, Assistant Professor, Department of Sociology
PhD, Princeton University, 2015
Judith G Coffin, Professor, Department of History
PhD, Yale University, 1985
Jane M Cohen Edward Clark Centennial Professorship in Law, Professor, School of Law
JD, Yale University, 1971
Jonathan B Cohn, Associate Professor, Department of Finance; Program
Director of the Financial Analyst Program,
PhD, University of Michigan-Ann Arbor, 2008

Olivier Coibion Malcolm Forsman Centennial Professorship, Professor, Department of Economics
PhD, University of Michigan-Ann Arbor, 2007
Iyaxel Ixkan Cojti Ren, Faculty Associate - MESO; Assistant Professor, Department of Anthropology
PhD, Vanderbilt University, 2019
William R Coker, Professor, Department of Physics
PhD, University of Georgia, 1966
Kevin O Cokley Oscar and Anne Mauzy Regents Professorship for Educational Research and Development, Professor, Department of Educational Psychology; Professor, Department of African and African Diaspora Studies; Professor, John L Warfield Center for African and African American Studies; Faculty Associate,
PhD, Georgia State University, 1998
Allan H Cole Jr Bert Kruger Smith Centennial Professorship in Social Work, Deputy to the President for Societal Challenges and Opportunities; Professor, School of Social Work; Professor, Department of Psychiatry PhD, Princeton University, 2001

Ashley Coleman Taylor, Assistant Professor, Department of Religious
Studies; Assistant Professor, Department of African and African Diaspora Studies
PhD, Emory University, 2016
Renita Beth Coleman, Professor, School of Journalism and Media PhD, University of Missouri - Columbia, 2001

Laura Lee Colgin, HSS Faculty Director; Associate Professor, Department of Neuroscience
PhD, University of California-Irvine, 2003
Miriam S Collins, Assistant Professor, School of Architecture MCityP, Massachusetts Institute of Technology, 2012

Avinash Collis, Assistant Professor, Department of Information, Risk, and Operations Management
MS, University of Mannheim, 2014
Caryn A Conley, Lecturer, Department of Information, Risk, and Operations Management; Program Director, Master of Science in Information, Technology Management,
PhD, New York University, 2008
Jason Cons, Associate Professor, Department of Anthropology PhD, Cornell University, 2011

Lydia Maria Contreras, Associate Professor, Department of Chemical Engineering; Associate Professor, John L Warfield Center for African and African American Studies; Managing Director of Diversity, PhD, Cornell University, 2008

Fiona Conway, Assistant Professor, School of Social Work
PhD, Rutgers the State University of New Jersey New Brunswick Campus, 2016

North A Cooc Joe R. \& Teresa Lozano Long Endowed Faculty Fellows Fund, Associate Professor, Department of Special Education; Associate Professor, Center for Asian American Studies
EdD, Harvard University, 2014
Kerry H Cook John A. and Katherine G. Jackson Centennial Teaching Fellowship in Geological Sciences, Professor, Department of Geological Sciences
PhD, North Carolina State University, 1984

Cary Cordova, LMAS Affiliated; Associate Professor, Department of American Studies; Associate Professor, Center for Mexican American Studies; Associate Professor, Department of Mexican American and Latino/a Studies
PhD, University of Texas at Austin, 2005
Lawrence K Cormack, Professor, Department of Psychology PhD, University of California-Berkeley, 1992

Richard L Corsi, Distinguished Teaching Professor Emeritus, Department of Civil, Architectural, and Environmental Engineering PhD, University of California-Davis, 1989

Elizabeth Cosgriff-Hernandez Cullen Trust for Higher Education Endowed Professorship in Engineering \#2, Professor, Department of Biomedical Engineering
PhD, Case Western Reserve University, 2005
Maria Eugenia Cotera, Associate Professor, Department of Mexican American and Latino/a Studies
PhD, Stanford University, 2001
Jacob Aaron Covault, Lecturer, Department of Geological Sciences;
Senior Research Scientist,
PhD, Stanford University, 2008
Ronald Covey, Faculty Associate; Professor, Department of Anthropology PhD, University of Michigan-Ann Arbor, 2003

James H Cox Jane and Roland Blumberg Centennial Professorship in English, Professor, Department of English; Professor, Center for Mexican American Studies; Associate Dean, Office of the Vice Provost and Dean of Graduate Studies
PhD, University of Nebraska - Lincoln, 1999
Leah Cox, Associate Professor, Department of Theatre and Dance MFA, Hollins University, 2014

Edward F Coyle, Professor, Department of Kinesiology and Health Education
PhD, University of Arizona, 1979
Alison Craig, Assistant Professor, Department of Government PhD, The Ohio State University Main Campus, 2017

Richard H Crawford Earl N. and Margaret Brasfield Endowed Faculty Fellowship in Engineering, Faculty Associate-ENGR; Professor, Department of Mechanical Engineering
PhD, Purdue University Main Campus, 1989
David F Crew, Professor, Department of History
PhD, Cornell University, 1975
Kelley A Crews, Associate Professor, Department of Geography and the Environment
PhD, University of North Carolina at Chapel Hill, 2000
M Lynn Crismon Behrens Inc. Centennial Professorship in Pharmacy, Professor, Department of Psychiatry; Professor, College of Pharmacy PharmD, University of Texas at Austin, 1979

Richard M Crooks The Robert A. Welch Chair in Chemistry (Materials Chemistry), Professor, Department of Chemistry
PhD, University of Texas at Austin, 1987
Robert Crosnoe Rapoport Centennial Professorship of Liberal Arts, Professor, Department of Sociology; Professor, Department of Psychology; Associate Dean for Research and Graduate Studies, PhD, Stanford University, 1999

Jonathan Crosson, Associate Professor, Department of Religious Studies; Associate Professor, Department of Anthropology; Associate Professor, John L Warfield Center for African and African American Studies
PhD, University of California-Santa Cruz, 2014
Megan J Crowhurst, Associate Professor, Department of Linguistics PhD, University of Arizona, 1991

Maria A Croyle Glaxo Wellcome Inc. Endowed Professorship in Pharmacy, Professor, College of Pharmacy
PhD, University of Michigan-Ann Arbor, 1997
Paul Cruz, Professor of Practice, Department of Educational Leadership and Policy
PhD, University of Texas at Austin, 1995
Catherine Cubbin Clara Pope Willoughby Centennial Professorship in Community Safety, Associate Dean, School of Social Work; Professor of Population Health, Department of Population Health; Professor, Department of Health Social Work
PhD, Johns Hopkins University, 1998
Heather E Cuevas, Assistant Professor, School of Nursing PhD, University of Texas at Austin, 2013

Jackie Cuevas, Associate Professor, Department of English PhD, University of Texas at Austin, 2010

Zhengrong Cui Alfred and Dorothy Mannino Fellowship in Pharmacy, Professor, College of Pharmacy; Professor, Department of Pediatrics; Professor of Oncology, Department of Oncology; ViaTherapeutics, PhD, University of Kentucky, 2002

Michael Arthur Cullinan Temple Foundation Endowed Faculty Fellowship No. 3, Associate Professor, Department of Mechanical Engineering PhD, Massachusetts Institute of Technology, 2011

Elizabeth Cullingford Jane Weinert Blumberg Chair in English, Professor, Department of English; Professor, Center for Women's and Gender Studies
PhD, University of Oxford, 1977
Molly E Cummings, Professor, Department of Integrative Biology PhD, University of California-Santa Barbara, 2001

Isabella C Cunningham Stan Richards Chair in Advertising and Public Relations Strategy, Professor, Stan Richards School of Advertising and Public Relations; Faculty Associate,
PhD, Michigan State University, East Lansing, 1972
William H Cunningham James L. Bayless Chair for Free Enterprise, Professor, Department of Marketing
PhD, Michigan State University, East Lansing, 1971
James Patrick Curley, Associate Professor, Department of Psychology PhD, University of Cambridge, 2003

Tina Marie Curran, Assistant Professor of Instruction, Department of Theatre and Dance
PhD, New York University, 2010
Tracy S Dahlby Frank A. Bennack, Jr. Chair in Journalism, Professor, School of Journalism and Media
AM, Harvard University, 1976
Hugh C Daigle Anadarko Petroleum Corporation Centennial Fellowship \#2 in Petroleum Engineering, Associate Professor, Department of Petroleum and Geosystems Engineering

PhD, Rice University, 2011
Rene M Dailey, Professor, Department of Communication Studies PhD, University of California-Santa Barbara, 2005

Kevin N Dalby Johnson \& Johnson Centennial Professorship in Pharmacy, Professor, College of Pharmacy; Professor of Oncology, Department of Oncology; Research Service Core, PhD, University of Cambridge, 1992

John A Daly Texas Commerce Bancshares, Inc. Centennial Professorship in Business Communication, Frank A. Liddell, Sr. Centennial Professorship in Communication, College of Business Administration Foundation Advisory Council Centennial Fellowship \#8, Faculty Associate-ENGR; Professor, Department of Management; Professor, Department of Communication Studies
PhD, Purdue University Main Campus, 1977
Ian W Dalziel, Professor, Department of Geological Sciences; Research Professor, Institute for Geophysics
PhD, University of Edinburgh, 1963
Paul Damien B. M. (Mack) Rankin, Jr. Professorship in Business Administration, Professor, Department of Information, Risk, and Operations Management; Professor, Department of Finance; Professor, Department of Statistics and Data Sciences
PhD, University of London, 1994
Jens Christian Dammann The Ben H. and Kitty King Powell Chair in Business and Commercial Law, Professor, School of Law JSD, Yale University, 2003

Jeffrey E Danciger, Associate Professor, Department of Mathematics PhD, Stanford University, 2011

Jonathan Dancy, Professor, Department of Philosophy MA, University of Oxford, 1972

Ulrich C Dangel, Associate Professor, School of Architecture MArch, University of Oregon, 1999

Elizabeth A Danze Bartlett Cocke Regents Professorship in Architecture, Professor, School of Architecture; Professor, Program in the Human Dimensions of Organizations
MArch, Yale University, 1990
Celina Aisha Davidson de Sa, Assistant Professor, Department of Anthropology
PhD, University of Pennsylvania, 2018
Bryan William Davies, Associate Professor, Department of Molecular Biosciences; Associate Professor, Department of Medical Education PhD, Massachusetts Institute of Technology, 2008

Penelope J Davies, Faculty Associate; Professor, Department of Art and Art History
PhD, Yale University, 1994
Denise Davila, Assistant Professor, Department of Curriculum and Instruction
PhD, Ohio State U Main Campus, 2012
D D Davis, Professor, Department of Rhetoric and Writing; Professor, Department of Communication Studies; Professor, Department of English PhD, University of Texas at Arlington, 1995

Donald R Davis Jr Ralph B. Thomas Regents Professorship in Asian Studies, Professor, Department of Asian Studies
PhD, University of Texas at Austin, 2000

Jaimie N Davis, Associate Professor, Department of Nutritional Sciences; Associate Professor of Pediatrics, Department of Pediatrics PhD, University of Texas at Austin, 2004

Janet M Davis, Professor, Department of American Studies; Professor, Department of History
PhD, University of Wisconsin-Madison, 1998
Patrick J Davis Eckerd Centennial Professorship in Pharmacy, Professor, College of Pharmacy
PhD, University of Iowa, 1976
Clinton N Dawson John J. McKetta Centennial Energy Chair in Engineering, Cockrell Family Chair for Departmental Leadership \#2, Professor, Department of Aerospace Engineering and Engineering Mechanics; Core Faculty,
PhD, Rice University, 1988
Kathryn M Dawson, Faculty Associate; Associate Professor, Department of Theatre and Dance
MFA, University of Texas at Austin, 2006
Maria De Arteaga Gonzalez, Assistant Professor, Department of Information, Risk, and Operations Management
MS, Carnegie Mellon University, 2017
Kaya de Barbaro, Assistant Professor, Department of Psychology;
Assistant Professor, Department of Psychiatry
PhD, University of California-San Diego, 2012
Donna De Cesare, Associate Professor, School of Journalism and Media MPhil, University of Essex, 1979

Noah De Lissovoy, Professor, Department of Curriculum and Instruction PhD, University of California-Los Angeles, 2005

Alejandro L De Lozanne, Professor, Department of Physics PhD, Stanford University, 1982

Arturo De Lozanne, Faculty Associate Honors Spring 2022 Seminar; Associate Professor, Department of Molecular Biosciences PhD, Stanford University, 1988

Susan De Luca, Other University Affiliate,
PhD, Ohio State U Main Campus, 2009
George M De Shazo Jr J. J. "Jake" Pickle Regents Chair in Public Affairs, Professor, Lyndon B Johnson School of Public Affairs
PhD, Harvard University, 1997
Lisa Nicole De Simone Gordon S. Moore Faculty Fellowship in Taxation, Associate Professor, Department of Accounting
PhD, University of Texas at Austin, 2013
Gustavo A De Veciana Cockrell Family Chair in Engineering \#18, Professor, Department of Electrical and Computer Engineering PhD, University of California-Berkeley, 1993

Lesley A Dean-Jones, Department Chair, Department of Classics PhD, Stanford University, 1987

Susan Deans-Smith, Associate Professor, Department of History PhD, University of Cambridge, 1984

Linda Ann deGraffenried, Associate Professor, Department of Nutritional Sciences; Associate Professor, Department of Pediatrics; Associate Professor of Oncology, Department of Oncology
PhD, University of Texas Health Science Center at San Antonio, 2001

John Deigh, Professor, School of Law; Professor, Department of Philosophy
PhD, University of California-Los Angeles, 1979
Lina Maria Del castillo, Associate Professor, Department of History PhD, University of Miami, 2007

Matias Gonzalo Delgadino, Assistant Professor, Department of Mathematics
PhD, University of Maryland College Park, 2016
Andrew F Dell'Antonio, Professor, Sarah and Ernest Butler School of Music
PhD, University of California-Berkeley, 1991
Mojdeh Delshad, Research Professor, Center for Subsurface Energy and the Env; Research Professor, Department of Petroleum and Geosystems Engineering
PhD, University of Texas at Austin, 1986
Yvon Delville, Professor, Department of Psychology
PhD, University of Massachusetts, 1992
David Edward DeMatthews Joe R. \& Teresa Lozano Long Endowed Faculty Fellows Fund, Associate Professor, Department of Special Education; Associate Professor, Department of Educational Leadership and Policy
PhD, University of Maryland College Park, 2012
Alexander A Demkov, Professor, Department of Physics; Core Faculty, PhD, Arizona State University Main, 1995

Leszek F Demkowicz W. A. "Tex" Moncrief, Jr. Chair in Computational Engineering and Sciences II, Professor, Department of Aerospace Engineering and Engineering Mechanics; Professor, Department of Mathematics; Professor, Institute for Computational Engineering and Science; Core Faculty,
PhD, Cracow Univ of Technology, 1982
Sharon DeMorrow, Professor, College of Pharmacy; Professor, Department of Medicine
PhD, University of Queensland, 1999
Douglas J Dempster The Marie and Joseph D. Jamail, Sr. Regents Professorship in Fine Arts, Professor, Department of Theatre and Dance PhD, University of North Carolina at Chapel Hill, 1983

James R Denbow, Professor Emeritus, Department of Anthropology PhD, Indiana University at Bloomington, 1983

Ashwini S Deo, Professor, Department of Linguistics
PhD, Stanford University, 2006
Ashish Deshpande Carroll D. Simmons Centennial Teaching Fellowship in Engineering, Associate Professor, Department of Mechanical Engineering PhD, University of Michigan-Ann Arbor, 2007

Joshua Dever, Professor, Department of Philosophy PhD, University of California-Berkeley, 1998

Natalie Brown Devlin, Faculty Associate; Assistant Professor, Stan Richards School of Advertising and Public Relations
PhD, The University of Alabama, 2014
Inderjit S Dhillon Gottesman Family Centennial Professorship in Computer Sciences, Professor, Department of Computer Science; Professor, Department of Mathematics; Core Faculty, PhD, University of California-Berkeley, 1997

Anthony F Di Fiore Centennial Commission Professorship in the Liberal Arts \#3, Dallas TACA Centennial Fellowship in the Liberal Arts \#1, Professor, Department of Anthropology
PhD, University of California-Davis, 1997
Yoav Di-Capua, Professor, Department of History
PhD, Princeton University, 2004
Rasha Diab, Associate Professor, Department of Rhetoric and Writing; Associate Professor, Department of Middle Eastern Studies; Associate Professor, Department of English
PhD, University of Wisconsin-Madison, 2009
David DiCarlo George H. Fancher Centennial Teaching Fellowship in Petroleum Engineering, Associate Professor, Department of Petroleum and Geosystems Engineering
PhD, Cornell University, 1994
Mechele Dickerson Arthur L. Moller Chair in Bankruptcy Law and Practice, Professor, School of Law; Professor, Lyndon B Johnson School of Public Affairs
JD, Harvard University, 1988
Daniel James Dickinson, Assistant Professor, Department of Molecular

## Biosciences

PhD, Stanford University, 2011
Duane A Dicus, Professor Emeritus, Department of Physics PhD, University of California-Los Angeles, 1968

John Digiovanni Coulter R. Sublett Chair in Pharmacy, Professor, College of Pharmacy; Professor, Department of Pediatrics; Director CMCT, PhD, University of Washington - Seattle, 1978

Kenneth R Diller Robert M. and Prudie Leibrock Endowed Professorship in Engineering, Professor, Department of Biomedical Engineering ScD, Massachusetts Institute of Technology, 1972

Isil Dillig, Associate Professor, Department of Computer Science PhD, Stanford University, 2011

Andrew P Dillon Vara Martin Daniel Regents Professorship in Libraries, Archives \& Information Studies, Faculty Associate; Professor, Department of Information, Risk, and Operations Management; Professor, Department of Psychology; Professor, School of Information PhD, Loughborough University, 1991

Georgios-Alex Dimakis Archie W. Straiton Endowed Faculty Fellowship in Engineering, Professor, Department of Electrical and Computer Engineering; Faculty Associate,
PhD, University of California-Berkeley, 2008
Harriet L Dinerstein, Professor, Department of Astronomy PhD, University of California-Santa Cruz, 1980

Ming-Chieh Ding, Assistant Professor, Department of Neurology PhD, Harvard University, 2008

Ying Ding Bill and Lewis Suit Professorship, Professor, School of Information; Professor, Department of Population Health PhD, Nanyang Technological University, 2001

Diana M Dinitto Cullen Trust Centennial Professorship in Alcohol Studies and Education, Professor, School of Social Work; Professor, Center for Women's and Gender Studies
PhD, Florida State University, 1980
Jacques Distler, Professor, Department of Physics
PhD, Harvard University, 1987

Todd Ditmire, Professor, Department of Physics
PhD, University of California-Davis, 1995
Dragan Djurdjanovic Accenture Endowed Professorship in Manufacturing Systems Engineering, Faculty Associate-ENGR; Professor, Department of Mechanical Engineering
PhD, University of Michigan-Ann Arbor, 2002
Christian Doabler, Assistant Professor, Department of Special Education PhD, University of Oregon, 2010

Lauren K Dobbs, Assistant Professor, Department of Neuroscience; Assistant Professor, Department of Neurology
PhD, Oregon Health and Science University, 2012
Ananth Dodabalapur Motorola Regents Chair in Electrical and Computer Engineering \#1, Professor, Department of Electrical and Computer Engineering
PhD, University of Texas at Austin, 1990
Sinan Dogramaci, Associate Professor, Department of Philosophy PhD, New York University, 2009

Juan M Dominguez, Professor, College of Pharmacy; Professor, Department of Psychology
PhD, State University of New York at Buffalo, 2002
Hector Dominguez-Ruvalcaba, Professor, Department of Spanish and Portuguese; Professor, Center for Women's and Gender Studies PhD, University of Colorado at Boulder, 1999

Michael P Domjan, Professor, Department of Psychology PhD, McMaster University, 1973

Stephen Donald Edward Everett Hale Centennial Professorship in Economics, Professor, Department of Economics
PhD, University of British Columbia, 1990
Andres Francisco Donangelo, Assistant Professor, Department of Finance
PhD, University of California-Berkeley, 2011
Erin Eileen Donovan, Associate Professor, Department of Communication Studies; Associate Professor, College of Pharmacy; Faculty Associate, PhD, University of Illinois at Urbana-Champaign, 2008

William Doolittle Erich W. Zimmermann Regents Professorship in Geography, Professor, Department of Geography and the Environment PhD, University of Oklahoma Norman Campus, 1979

Aysa A Dordzhieva, Assistant Professor, Department of Accounting MS, Moscow State University, 2011

Edwin Dorn, Faculty Associate; Professor, Lyndon B Johnson School of Public Affairs
PhD, Yale University, 1978
Franchelle Dorn Virginia L. Murchison Regents Professorship in Fine Arts, Professor, Department of Theatre and Dance
MFA, Yale University, 1975
Berkin Dortdivanlioglu, Affiliated Faculty, Oden Institute; Assistant Professor, Department of Civil, Architectural, and Environmental
Engineering
PhD, Stanford University, 2020
Philip Doty, Associate Professor, School of Information
PhD, Syracuse University Main Campus, 1995
Lucien Douglas, Associate Professor, Department of Theatre and Dance

PhD, Michigan State University, East Lansing, 1996
Michael Wayne Downer Professorship in Physics \#2, Professor, Department of Physics
PhD, Harvard University, 1983
Andres Pablo Drenik, Assistant Professor, Department of Economics PhD, Stanford University, 2016

Michael Drew, Associate Professor, Department of Neuroscience; Interim Associate Dean, Undergraduate Education, College of Natural Sciences PhD, Columbia University in the City of New York, 2004

Julia L Driver Darrell K Royal Regents Professorship in Ethics and American Society, Professor, Department of Philosophy
PhD, Johns Hopkins University, 1990
Eric A Drott, Associate Professor, Sarah and Ernest Butler School of Music
PhD, Yale University, 2001
Daniel Drucker, Assistant Professor, Department of Philosophy PhD, University of Michigan-Ann Arbor, 2017

Emily L Drumsta, Assistant Professor, Department of Middle Eastern
Studies; Assistant Professor, Department of French and Italian PhD, University of California-Berkeley, 2016

Minette E Drumwright William David Blunk Memorial Professorship, Faculty Associate; Associate Professor, Stan Richards School of Advertising and Public Relations; Associate Professor, Department of Business, Government and Society
PhD, University of North Carolina at Chapel Hill, 1986
Rex Du Alvin and Helene Eicoff Endowed Professorship in Direct Broadcast Marketing, Professor, Department of Marketing PhD, Duke University, 2005

Jason A Duan Zale Corporation Centennial Teaching Fellowship in Retail Merchandising, Associate Professor, Department of Marketing PhD, Duke University, 2006

Audrey Duarte, Professor, Department of Psychology; Professor, Department of Neurology
PhD, University of California-Berkeley, 2004
Jaquelin P Dudley, Professor, Department of Molecular Biosciences; Professor of Oncology, Department of Oncology
PhD, Baylor College of Medicine, 1978
Tara A Dudley, Faculty Associate DDCe; Assistant Professor, School of Architecture
PhD, University of Texas at Austin, 2013
Anthony David Dudo, Faculty Associate; Associate Professor, Stan Richards School of Advertising and Public Relations
PhD, University of Wisconsin-Madison, 2011
Robert A Duke Marlene and Morton Meyerson Centennial Professorship in Music, Professor, Sarah and Ernest Butler School of Music; Affiliate Faculty, Department of Medical Education; Faculty Associate,
PhD, Florida State University, 1983
Janet M Dukerich Hugh Roy Cullen Centennial Chair in Business Administration, Faculty Associate- HR Learning \& Development; Professor, Department of Management; Vice Provost for Advocacy and Dispute Resolution, Office of the Executive Vice President and Provost PhD, University of Minnesota-Twin Cities, 1985

Katherine Laura Dunlop, Associate Professor, Department of Philosophy

PhD, University of California-Los Angeles, 2005
Andrew K Dunn Edward S. Hyman Endowed Chair in Engineering, Professor, Department of Biomedical Engineering; Professor of Diagnostic Medicine, Department of Diagnostic Medicine PhD, University of Texas at Austin, 1997

Joseph Edward Dunsmoor Jr, Assistant Professor, Department of Psychiatry
PhD, Duke University, 2012
Kenneth H Dunton, Professor, Department of Marine Science PhD, University of Alaska Fairbanks, 1985

Gregory C Durrett, Assistant Professor, Department of Computer Science PhD, University of California-Berkeley, 2016

Christine L Duvauchelle, Associate Professor, College of Pharmacy; Associate Professor, Department of Psychology
PhD, University of California-Santa Barbara, 1991
James S Dyer The Fondren Foundation Centennial Chair in Business, Professor, Department of Information, Risk, and Operations
Management; Professor, Department of Management
PhD, University of Texas at Austin, 1969
John S Dzienkowski Dean John F. Sutton, Jr. Chair in Lawyering and the Legal Process, Professor, School of Law
JD, University of Texas at Austin, 1983
Matthew S Eastin, Professor, Stan Richards School of Advertising and Public Relations
PhD, Michigan State University, East Lansing, 2001
David J Eaton Bess Harris Jones Centennial Professorship in Natural Resource Policy Studies, Professor, Lyndon B Johnson School of Public Affairs; Professor, Center for Middle Eastern Studies; Professor, Department of Geography and the Environment; Professor, Department of Middle Eastern Studies; Professor, Department of Integrative Biology; Faculty Associate-Education Abroad,
PhD, Johns Hopkins University, 1977
Jennifer V Ebbeler, Associate Professor, Department of Classics PhD, University of Pennsylvania, 2001

Johann K Eberhart, Professor, Department of Molecular Biosciences PhD, University of Missouri - Columbia, 2002

Catharine H Echols, Associate Professor, Department of Psychology PhD, University of Illinois at Urbana-Champaign, 1987

Gail Eckhardt, Associate Dean, LIVESTRONG Cancer Institutes MD, University of Texas Medical Branch, 1985

J Mark Eddy, Professor, Department of Educational Psychology; Professor, Department of Kinesiology and Health Education PhD, University of Oregon, 1992

Thomas F Edgar, Professor Emeritus, Department of Chemical Engineering
PhD, Princeton University, 1971
Lauren Ilyse richie Ehrlich Lorene Morrow Kelley Endowed Faculty Fellowship Fund, Associate Professor, Department of Molecular Biosciences; Associate Professor of Oncology, Department of Oncology PhD, Stanford University, 2002

Peter Eichhubl, Lecturer, Department of Geological Sciences; Senior Research Scientist,

PhD, University of California-Santa Barbara, 1997
John G Ekerdt Norbert Dittrich-Welch Chair in Chemical Engineering,
Associate Dean, Cockrell School of Engineering; Professor, Department of Chemical Engineering
PhD, University of California-Berkeley, 1979
Sheldon Ekland-Olson, Distinguished Teaching Professor Emeritus, Department of Sociology
PhD, University of Washington - Seattle, 1971
Chadi Said El Mohtar Fluor Centennial Teaching Fellowship in
Engineering \#1, Associate Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, Purdue University Main Campus, 2008
Ron Elber W. A. "Tex" Moncrief, Jr. Chair in Computational Life Sciences and Biology, Professor, Department of Chemistry; Professor, Institute for Computational Engineering and Science; Core Faculty,
PhD, Hebrew University, 1985
Donald L Elbert, Associate Professor of Medicine, Department of Neurology; Clinical Associate Professor, Department of Biomedical Engineering
PhD, University of Texas at Austin, 1997
Robert B Eldridge, Distinguished Senior Lecturer, Department of Chemical Engineering; Research Engineer,
PhD, University of Texas at Austin, 1986
Zachary S Elkins, Faculty Associate; Associate Professor, Department of Government
PhD, University of California-Berkeley, 2003
Andrew Ellington Wilson M. and Kathryn Fraser Research Professorship in Biochemistry, Professor, Department of Molecular Biosciences; Professor, Applied Research Laboratories
PhD, Harvard University, 1988
Janet L Ellzey Engineering Foundation Centennial Teaching Fellowship in Engineering No. 2, Professor, Department of Mechanical Engineering PhD, University of California-Berkeley, 1985

Erik Encarnacion, Assistant Professor, School of Law
JD, Columbia University in the City of New York, 2006
Michael D Engelhardt Adnan Abou-Ayyash Centennial Professorship in Transportation Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering; Assistant Vice Chancellor for Research, PhD, University of California-Berkeley, 1989

Karen Engle Minerva House Drysdale Regents Chair, Professor, School of Law
JD, Harvard University, 1989
Bjorn Engquist CAM Chair I, Professor, Department of Mathematics; Professor, Institute for Computational Engineering and Science; Core Faculty,
PhD, Uppsala University, 1969
Mirasol Enriquez, Assistant Professor of Instruction, Department of Mexican American and Latino/a Studies; Assistant Professor, Department of Radio-Television-Film
PhD, University of California-Los Angeles, 2012
Derek Epp, Assistant Professor, Department of Government PhD, University of North Carolina at Chapel Hill, 2015

Patience L Epps, Professor, Department of Linguistics; Professor, Department of Anthropology
PhD, University of Virginia, 2005
Deana L Erdner, Professor, Department of Marine Science
PhD, Massachusetts Institute of Technology, 1997
Mattan Erez Cullen Trust for Higher Education Endowed Professorship in Engineering \#7, Professor, Department of Electrical and Computer Engineering
PhD, Stanford University, 2007
Katrin E Erk, Professor, Department of Linguistics
PhD, Saarland University, 2002
Veit F Erlmann History of Music Chair, Professor, Sarah and Ernest Butler School of Music; Professor, Department of Anthropology
PhD, University of Cologne, 1978
James L Erskine Trull Centennial Professorship in Physics \#2, Professor, Department of Physics
PhD, University of Washington - Seattle, 1972
Andrew Jerome Esbaugh, Associate Professor, Department of Marine Science
PhD, Queens University, 2005
David N Espinoza Frank W. Jessen Centennial Fellowship in Petroleum Engineering, Associate Professor, Department of Petroleum and Geosystems Engineering
PhD, Georgia Institute of Technology, 2011
Stefano M Eusepi, Associate Professor, Department of Economics PhD, University of Warwick, 2005

Brian L Evans Engineering Foundation Professorship, Professor, Department of Electrical and Computer Engineering
PhD, Georgia Institute of Technology, 1993
Mary Evans, Professor, Lyndon B Johnson School of Public Affairs; Professor, Department of Economics
PhD, University of Colorado at Boulder, 2001
Matthew L Evans, Associate Professor, Department of Philosophy PhD, University of Texas at Austin, 2004

Ofodike A Ezekoye John T. MacGuire Professorship in Mechanical Engineering, Professor, Department of Mechanical Engineering; Professor, Applied Research Laboratories; Professor, Department of Civil, Architectural, and Environmental Engineering; Faculty Associate-ENGR, PhD, University of California-Berkeley, 1991

Raissa Fabregas robles gil, Assistant Professor, Lyndon B Johnson School of Public Affairs
MS, University of Oxford, 2009
Eric P Fahrenthold Temple Foundation Endowed Faculty Fellowship No. 2, Professor, Department of Mechanical Engineering PhD, Rice University, 1984

Matt Fajkus, Associate Professor, School of Architecture
MArch, Harvard University, 2005
Toni L Falbo, Professor, Department of Educational Psychology; Professor, Department of Sociology
PhD, University of California-Los Angeles, 1973
Terry S Falcomata, Professor, Department of Special Education PhD, University of Iowa, 2008

Oloruntoyin O Falola Jacob and Frances Sanger Mossiker Chair in the Humanities \#2, Professor, Department of History; Professor, John L Warfield Center for African and African American Studies; Professor, Department of African and African Diaspora Studies PhD, Obafemi Awolowo University, 1981

Donglei Fan Robert and Jane Mitchell Endowed Faculty Fellowship in Engineering, Associate Professor, Department of Mechanical Engineering PhD, Johns Hopkins University, 2007

Arya Farahi, Assistant Professor, Department of Statistics and Data Sciences
PhD, University of Michigan-Ann Arbor, 2018
Caroline Faria, Associate Professor, Department of Geography and the Environment; Associate Professor, Department of African and African Diaspora Studies; Associate Professor, Center for Women's and Gender Studies
PhD, University of Washington - Seattle, 2009
Ashley Farmer, Associate Professor, Department of African and African Diaspora Studies; Associate Professor, John L Warfield Center for African and African American Studies; Associate Professor, Department of History
PhD, Harvard University, 2013
Ward Farnsworth John Jeffers Research Chair in Law, Dean, School of Law; Professor, Department of Philosophy
JD, University of Chicago, 1994
Caroline E Farrior, Assistant Professor, Department of Integrative Biology PhD, Princeton University, 2012

Walter L Fast William I. Dismukes Fellowship in Pharmacy, Professor, College of Pharmacy; Division Head - Chemical Biology and Medicinal Chemistry,
PhD, Northwestern University, 1998
Kasey M Faust, Faculty Associate-ENGR; Assistant Professor, Department of Civil, Architectural, and Environmental Engineering PhD, Purdue University Main Campus, 2015

Nerea Feliz Arrizabalaga, Associate Professor, School of Architecture BArch, Universidad Politecnica de Madrid (UPM), 2001

Juliana Felkner, Assistant Professor, School of Architecture MArch, University of Kansas Main Campus, 2008

Anca-Cristina Ferche, Assistant Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of Toronto, 2020
Linda Ferreira-Buckley, Associate Professor, Department of English; Associate Professor, Department of Rhetoric and Writing PhD, University of Pennsylvania, 1990

Raissa Patricia Ferron Austin Industries Endowed Faculty Fellowship in Civil Engineering, Faculty Associate-ENGR; Associate Professor, Department of Civil, Architectural, and Environmental Engineering PhD, Northwestern University, 2008

Nicholas P Fey, Assistant Professor, Department of Mechanical Engineering
PhD, University of Texas at Austin, 2011
Michael G Findley Frank C. Erwin, Jr. Centennial Chair in Government, Professor, Department of Government; Professor, Lyndon B Johnson School of Public Affairs

PhD, University of Illinois at Urbana-Champaign, 2007
Karen L Fingerman Sonia Wolf Wilson Regents Administrative Professorship in Human Ecology, Professor, Department of Human Development and Family Sciences; Professor, Department of Psychology PhD, University of Michigan-Ann Arbor, 1993

Ilya J Finkelstein Lorene Morrow Kelley Endowed Faculty Fellowship Fund, Associate Professor, Department of Molecular Biosciences PhD, Stanford University, 2007

Steven Lyle Finkelstein, Associate Professor, Department of Astronomy PhD, Arizona State University Main, 2008

Janice A Fischer, Faculty Associate; Professor, Department of Molecular Biosciences; Director Academic Center, Biology Instruction Office PhD, Harvard University, 1988

Willy Fischler Jane and Roland Blumberg Centennial Professorship in Physics, Professor, Department of Physics
PhD, Vrije Universiteit Brussel, 1976
William L Fisher, Leonidas T. Barrow Centennial Chair Emeritus in Mineral Resources, Department of Geological Sciences
PhD, University of Kansas Main Campus, 1980
Richard Fitzpatrick, Professor, Department of Physics; Directorship, PhD, University of Sussex, 1988

George F Flaherty Jeanette and Ferris Nassour Faculty Fellowship in Art History, LMAS Affiliated; Associate Professor, Department of Art and Art History; Associate Professor, Center for Mexican American Studies PhD, University of California-Santa Barbara, 2010

Kenneth Flamm Dean Rusk Chair in the Lyndon Baines Johnson School of Public Affairs, Professor, Lyndon B Johnson School of Public Affairs PhD, Massachusetts Institute of Technology, 1979

James C Fleet Margaret McKean Love Chair in Nutrition, Cellular and Molecular Sciences, Professor, Department of Nutritional Sciences PhD, Cornell University, 1988

Kenneth Robert Fleischmann Scott C. and Vickie S. Reeve Endowed Faculty Fellowship, Professor, School of Information
PhD, Rensselaer Polytechnic Institute, 2004
Peter Barry Flemings Leonidas T. Barrow Centennial Chair in Mineral Resources, Professor, Department of Geological Sciences; Professor, Bureau of Economic Geology; Professor, Institute for Geophysics; Program Director of GeoFluids,
PhD, Cornell University, 1990
Richard R Flores C. B. Smith, Sr. Centennial Chair in United StatesMexico Relations \#3, Professor, Department of Anthropology; Professor, Center for Mexican American Studies; Professor, Department of Mexican American and Latino/a Studies; Deputy to the President for Academic Priorities,
PhD, University of Texas at Austin, 1989
Stella Marie Flores, Associate Professor, Department of Educational Leadership and Policy; Associate Professor, Department of Curriculum and Instruction; Associate Professor, Lyndon B Johnson School of Public Affairs
EdD, Harvard University, 2007
Tracey Terece Flores, Assistant Professor, Department of Curriculum and Instruction
PhD, Arizona State University Main, 2017

Ernst-Ludwig Florin, Associate Professor, Department of Physics; Associate Professor, Center for Nonlinear Dynamics
PhD, Technische Universitat Munchen/Munich, 1995
Kevin J Folliard Warren S. Bellows Centennial Professorship in Civil Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of California-Berkeley, 1995
Sergey B Fomel Wallace E. Pratt Professorship in Geophysics, Professor, Department of Geological Sciences; Program Director (Academic), PhD, Stanford University, 2001

Rowena Fong, Professor Emeritus, School of Social Work
EdD, Harvard University, 1990
Laura K Fonken, Assistant Professor, College of Pharmacy; Assistant Professor, Department of Psychology
PhD, The Ohio State University Main Campus, 2013
Greg Anthony Fonzo, Assistant Professor, Department of Psychiatry; Assistant Professor, Department of Psychology
PhD, San Diego State University, 2013
William E Forbath Lloyd M. Bentsen Chair in Law, Professor, School of Law; Professor, Department of History
JD, Yale University, 1983
John Timothy Foster, Associate Professor, Department of Petroleum and Geosystems Engineering; Associate Professor, Department of Aerospace Engineering and Engineering Mechanics; Core Faculty,
PhD, Purdue University Main Campus, 2009
Kevin M Foster, Associate Professor, Department of Educational Leadership and Policy; Associate Professor, John L Warfield Center for African and African American Studies; Associate Professor, Department of African and African Diaspora Studies; Associate Professor, Department of Anthropology
PhD, University of Texas at Austin, 2001
Norma L Fowler, Professor, Department of Integrative Biology PhD, Duke University, 1978

Cesare Fracassi, Associate Professor, Department of Finance PhD, University of California-Los Angeles, 2009

Jessica Franco, Faculty Associate; Clinical Associate Professor, Department of Speech, Language, and Hearing Sciences PhD, University of Texas at Austin, 2008

Cynthia G Franklin Stiernberg/Spencer Family Professorship in Mental Health, Professor, School of Social Work; Professor, Department of Psychiatry
PhD, University of Texas at Arlington, 1989
Maria Franklin, Professor, Department of Anthropology; Professor, Department of African and African Diaspora Studies; Professor, John L Warfield Center for African and African American Studies PhD, University of California-Berkeley, 1997

Maria E Franquiz, Professor, Department of Curriculum and Instruction PhD, University of California-Santa Barbara, 1995

Alison K Frazier, Associate Professor, Department of History; Associate Professor, Department of Religious Studies; Associate Professor, Department of French and Italian
PhD, Columbia University in the City of New York, 1996

Daniel S Freed Mildred Caldwell and Baine Perkins Kerr Centennial Professorship in Mathematics, Professor, Department of Mathematics PhD, University of California-Berkeley, 1985

Mike Freedberg, Assistant Professor, Department of Kinesiology and Health Education
PhD, University of Iowa, 2016
Jeanne H Freeland-Graves Bess Heflin Centennial Professorship in Nutritional Sciences, Professor, Department of Nutritional Sciences PhD, Rutgers the State University of New Jersey New Brunswick Campus, 1975

Benny D Freeman William J. (Bill) Murray, Jr. Endowed Chair of Engineering, Professor, Department of Chemical Engineering PhD, University of California-Berkeley, 1988

Robert N Freeman, Professor Emeritus (Interim Appointment), Department of Accounting
PhD, University of Texas at Austin, 1977
Katherine Freese Jeff and Gail Kodosky Endowed Chair in Physics, Professor, Department of Physics
PhD, University of Chicago, 1984
Christopher R Frei William J. Sheffield Centennial Endowed Professorship in Pharmacy, Alumni Centennial Endowed Fellowship in Pharmacy, Professor, College of Pharmacy; Division Head Pharmacotherapy,
PharmD, University of Texas at Austin, 2001
Oliver Freiberger, Professor, Department of Asian Studies; Professor, Department of Religious Studies
PhD, Georg-August Universitat Gottingen, 1999
John M Fremgen, Associate Professor, Sarah and Ernest Butler School of Music
MMus, University of Southern California, 1993
Joshua Frens-String, Assistant Professor, Department of History PhD, New York University, 2015

Caroline J Frick, Associate Professor, Department of Radio-TelevisionFilm
PhD, University of Texas at Austin, 2005
Daniel G Fridman, Associate Professor, Department of Sociology; Associate Professor, Teresa Lozano Long Institute of Latin American Studies
PhD, Columbia University in the City of New York, 2010
David Fridovich-Keil, Assistant Professor, Department of Aerospace Engineering and Engineering Mechanics
PhD, University of California-Berkeley, 2020
Alan W Friedman Arthur J. Thaman and Wilhelmina Dore' Thaman Endowed Professorship in English \#3, Professor, Department of English PhD, University of Rochester, 1966

Steven J Friesen The Louise Farmer Boyer Chair in Biblical Studies, Professor, Department of Religious Studies
PhD, Harvard University, 1990
Kim Fromme, Professor Emeritus, Department of Psychology PhD, University of Washington - Seattle, 1988

William Fuchs The Spurgeon Bell Centennial Fellowship, Professor, Department of Finance
PhD, Stanford University, 2005

Lee A Fuiman Perry R. Bass Chair in Fisheries and Mariculture, Professor, Department of Marine Science; Professor, Department of Integrative Biology; Associate Director for Fisheries and Mariculture Laboratory, PhD, University of Michigan-Ann Arbor, 1983

Kirkland Alexander Fulk, Assistant Professor, Department of Germanic Studies
PhD, University of North Carolina at Chapel Hill, 2013
Kathryn Fuller William P. Hobby Centennial Professorship in Communication, Professor, Department of Radio-Television-Film PhD, Johns Hopkins University, 1992

Donald S Fussell Trammell Crow Regents Professorship in Computer Science, Professor, Department of Computer Science; Professor, Department of Electrical and Computer Engineering
PhD, University of Texas at Dallas, 1980
James Gabrillo, Faculty Associate; Assistant Professor, Sarah and Ernest Butler School of Music
PhD, University of Cambridge, 2019
Michael Gagarin, Professor Emeritus, Department of Classics PhD, Yale University, 1968

Anna Gal, Professor, Department of Computer Science PhD, University of Chicago, 1995

James K Galbraith Lloyd M. Bentsen, Jr. Chair in Government/Business
Relations, Professor, Lyndon B Johnson School of Public Affairs;
Professor, Department of Government
PhD, Yale University, 1981
Karl Galinsky, Distinguished Teaching Professor Emeritus, Department of Classics
PhD, Princeton University, 1966
Irene M Gamba W. A. "Tex" Moncrief, Jr. Chair in Computational Engineering and Sciences III, Professor, Department of Mathematics; Professor, Institute for Computational Engineering and Science; Core Faculty,
PhD, University of Chicago, 1989
Denisa Gandara, Summer Non-Teaching Activities-PSU grant; Assistant
Professor, Department of Educational Leadership and Policy
PhD, University of Georgia, 2016
Venkat Ganesan Kenneth A. Kobe Professorship in Chemical Engineering, Professor, Department of Chemical Engineering
PhD, Massachusetts Institute of Technology, 1999
Shiv Ganesh, Faculty Associate; Professor, Department of Communication Studies
PhD, Purdue University Main Campus, 2000
Mira Ganor Judge Solomon Casseb, Jr. Research Professorship in Law, Professor, School of Law
JSD, University of California-Berkeley, 2008
Rui Gao, Assistant Professor, Department of Information, Risk, and Operations Management
PhD, Georgia Institute of Technology, 2018
Liliana M Garces, Associate Professor, Department of Educational Leadership and Policy; Associate Professor, School of Law EdD, Harvard University, 2011

Alexandra A Garcia, Professor, School of Nursing; Professor of Population Health, Department of Population Health

PhD, University of Texas at Austin, 2002
Scherezade Garcia-Vazquez John D. Murchison Fellowship in Art, Assistant Professor, Department of Art and Art History
MFA, City University of New York The City College, 2011
James E Gardner John A. and Katherine G. Jackson Centennial Teaching Fellowship in Geological Sciences, Professor, Department of Geological Sciences
PhD, University of Rhode Island, 1993
Seth W Garfield, Professor, Department of History; Professor, Teresa Lozano Long Institute of Latin American Studies
PhD, Yale University, 1996
Rajiv Garg, Research Affiliate - Sr Research Fellow,
PhD, Carnegie Mellon University, 2013
Vijay K Garg Cullen Trust for Higher Education Endowed Professorship in Engineering \#5, Professor, Department of Electrical and Computer Engineering; Faculty Associate-ENGR,
PhD, University of California-Berkeley, 1988
Gray B Garmon, Assistant Professor of Practice, School of Design and Creative Technologies; Faculty Associate,
MArch, University of Pennsylvania, 2014
Andrew S Garrison, Professor, Department of Radio-Television-Film BA, Antioch University, 1974

Michael L Garrison The Cass Gilbert Centennial Teaching Fellowship in Architecture, Professor, School of Architecture
MArch, Rice University, 1971
Thomas Garrison, Assistant Professor, Department of Geography and the Environment; Assistant Professor, Department of Anthropology
PhD, Harvard University, 2007
Thomas Jesus Garza, Faculty Associate- ELC; Associate Professor, Department of Slavic and Eurasian Studies; Associate Professor, Center for Mexican American Studies
EdD, Harvard University, 1987
Andrew David Gaudet, Assistant Professor, Department of Psychology; Assistant Professor, Department of Neurology
PhD, University of British Columbia, 2010
Kishore Gawande Century Club Professorship, Professor, Department of Business, Government and Society
PhD, University of California-Los Angeles, 1991
Bertram Gawronski, Professor, Department of Psychology
PhD, Humboldt Universitat zu Berlin, 2001
Karl Gebhardt Herman and Joan Suit Professorship in Astrophysics, Professor, Department of Astronomy PhD, Rutgers the State University of New Jersey New Brunswick Campus, 1994

Marianne Gedigian Sarah and Ernest Butler Professorship in Flute, Professor, Sarah and Ernest Butler School of Music
BM, Boston University, 1986
Wilson S Geisler III David Wechsler Regents Chair in Psychology, Professor, Department of Psychology
PhD, Indiana University at Bloomington, 1975
Kenneth W Gentle, Professor, Department of Physics
PhD, Massachusetts Institute of Technology, 1966

George Georgiou Dula D. Cockrell Centennial Chair in Engineering \#2, Professor, Department of Chemical Engineering; Professor, Department of Biomedical Engineering; Professor, Department of Molecular Biosciences; Professor, Department of Oncology
PhD, Cornell University, 1987
John Gerring C. B. Smith, Sr., Nash Phillips, Clyde Copus Centennial Chair honoring Harry Huntt Ransom, Professor, Department of Government PhD, University of California-Berkeley, 1993

Andrew D Gershoff Foley's Professorship in Retailing, Professor, Department of Marketing
PhD, University of Texas at Austin, 1999
Elizabeth Thompson Gershoff Amy Johnson McLaughlin Centennial Professorship in Home Economics, Professor, Department of Human Development and Family Sciences; Professor, Department of Sociology; Director, Academic Center,
PhD, University of Texas at Austin, 1998
Andreas Gerstlauer Engineering Foundation Endowed Faculty Fellowship in Engineering, Professor, Department of Electrical and Computer Engineering
PhD, University of California-Irvine, 2004
Michael L Geruso, Associate Professor, Department of Economics PhD, Princeton University, 2012

Mohammad Ghanoonparvar, Professor Emeritus, Department of Middle Eastern Studies
PhD, University of Texas at Austin, 1979
Omar Ghattas John A. and Katherine G. Jackson Chair in Computational Geosciences, Professor, Department of Geological Sciences; Professor, Department of Biomedical Engineering; Professor, Department of Computer Science; Professor, Department of Mechanical Engineering; Professor, Institute for Computational Engineering and Science; Core Faculty,
PhD, Duke University, 1988
Debadyuti Ghosh, Associate Professor, College of Pharmacy
PhD, Rice University, 2006
Joydeep Ghosh Schlumberger Centennial Chair in Electrical Engineering, Professor, Department of Electrical and Computer Engineering; Professor, Department of Information, Risk, and Operations Management; Professor of Population Health, Department of Population Health; Faculty Associate,
PhD, University of Southern California, 1988
Matthew S Giani, Assistant Professor of Practice, Department of Educational Leadership and Policy; Director of Research and Data Science,
PhD, University of Texas at Austin, 2014
Lawrence E Gilbert, Professor, Department of Integrative Biology PhD, Stanford University, 1971

Robert B Gilbert Cockrell Family Chair for Departmental Leadership \#3, Nasser I. Al-Rashid Chair in Civil Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of Illinois at Urbana-Champaign, 1993
Stephen M Gilbert Eddy Clark Scurlock Centennial Chair in Business, Sam P. Woodson, Jr. Centennial Memorial Professorship in Business, Professor, Department of Information, Risk, and Operations Management; Professor, Department of Management PhD, Massachusetts Institute of Technology, 1992

David L Gilden, Professor, Department of Psychology
PhD, University of Texas at Austin, 1982
Lyndon K Gill, Associate Professor, Department of African and African Diaspora Studies; Associate Professor, John L Warfield Center for African and African American Studies; Associate Professor, Center for Women's and Gender Studies; Associate Professor, Department of Anthropology PhD, Harvard University, 2010

Nate Gilmore, Assistant Professor, Department of Government PhD, University of Toronto, 2019

Feliciano Giustino W.A. "Tex" Moncrief, Jr. Endowment in SimulationBased Engineering and Sciences - Endowed Chair No. 6, Professor, Department of Physics; Core Faculty, Oden Institute,
PhD, Swiss Federal Institute of Technology, Lausanne, 2005
Zoi Gkalitsiou, Assistant Professor, Department of Speech, Language, and Hearing Sciences
MA, University of North Carolina at Greensboro, 2009
Jennifer Glass Centennial Commission Professorship in the Liberal Arts
\#4, Professor, Department of Sociology
PhD, University of Wisconsin-Madison, 1983
Tamie Michele Glass, Associate Professor, School of Design and Creative Technologies
MArch, University of Oregon, 2001
James J Glavan David Bruton, Jr. Regents Professorship in Fine Arts, Professor, Department of Theatre and Dance
MA, Kent State University Main Campus, 1984
Marci Elizabeth Joy Gleason, Associate Professor, Department of Human Development and Family Sciences
PhD, New York University, 2004
Milos Gligoric, Associate Professor, Department of Electrical and Computer Engineering; Faculty Associate-ENGR,
PhD, University of Illinois at Urbana-Champaign, 2015
John A Goff, Lecturer, Department of Geological Sciences; Senior Research Scientist,
PhD, Massachusetts Institute of Technology, 1990
John M Golden Edward S. Knight Chair in Law, Innovation and Entrepreneurialism, Professor, School of Law PhD, Harvard University, 1997

Linda L Golden Joseph H. Blades Centennial Memorial Professorship in Insurance, Professor, Department of Marketing; Professor, Department of Business, Government and Society
PhD, University of Florida, 1975
Nace L Golding, Professor, Department of Neuroscience; Director (Academic),
PhD, University of Wisconsin-Madison, 1996
Marcel Goldschen, Assistant Professor, Department of Neuroscience PhD, University of Wisconsin-Madison, 2009

David B Goldstein Stanley P. Finch Centennial Professorship in Engineering, Professor, Department of Aerospace Engineering and Engineering Mechanics; Affiliated Faculty, Oden Institute,
PhD, California Institute of Technology, 1990
Francisco Henning Gomes, Associate Professor, School of Architecture MArch, Harvard University, 1995

Nico Gomez Marchant, Assistant Professor, Department of Curriculum and Instruction
PhD, University of Georgia, 2016
Juan C Gonzales, Professor of Practice, Department of Educational Leadership and Policy
PhD, University of Illinois at Urbana-Champaign, 1981
Rueben A Gonzales Jacques P. Servier Regents Professorship in Pharmacy, Professor, College of Pharmacy; Professor, Department of Psychology
PhD, University of Texas at Austin, 1983
Maria Jorgelina Gonzalez tristan Elizabeth Glenadine Gibb Teaching Fellowship in Education, Assistant Professor, Department of Curriculum and Instruction
PhD, Boston College, 2017
John M Gonzalez J. Frank Dobie Regents Professorship in American and English Literature, Professor, Department of English; Professor, Center for Mexican American Studies
PhD, Stanford University, 1998
Oscar Gonzalez, Professor, Department of Mathematics
PhD, Stanford University, 1996
F Gonzalez-Lima George I. Sanchez Centennial Professorship in Liberal
Arts, Professor, Department of Psychology; Professor, College of
Pharmacy; Professor, Department of Psychiatry
PhD, University of Pr Medical Sciences, 1980
Gloria Gonzalez-Lopez C. B. Smith, Sr. Centennial Chair in United StatesMexico Relations \#1, Professor, Department of Sociology; Professor, Center for Mexican American Studies; Professor, Center for Women's and Gender Studies
PhD, University of Southern California, 2000
Rachel Valentina Gonzalez-Martin, LMAS Affiliated; Associate Professor, Department of Mexican American and Latino/a Studies; Associate
Professor, Center for Mexican American Studies
PhD, Indiana University at Bloomington, 2014
Steven Goode W. James Kronzer Chair in Trial and Appellate Advocacy, Professor, School of Law
JD, Yale University, 1975
John B Goodenough Virginia H. Cockrell Centennial Chair in Engineering, Professor, Department of Mechanical Engineering; Professor, Department of Electrical and Computer Engineering
PhD, University of Chicago, 1952
Michael A Goodman, Assistant Professor of Practice, Department of Educational Leadership and Policy
PhD, University of Maryland College Park, 2020
Bridget Jeaneen Goosby, Professor, Department of Sociology
PhD, Pennsylvania State University Park, 2003
Lalitha Gopalan, Faculty Associate - VAC; Associate Professor, Department of Radio-Television-Film; Associate Professor, Department of Asian Studies; Associate Professor, Center for Women's and Gender Studies
PhD, University of Rochester, 1993
Cameron M Gordon Sid W. Richardson Foundation Regents Chair in
Mathematics \#2, Professor, Department of Mathematics
PhD, University of Cambridge, 1971

Edmund T Gordon, Executive Director of Commemorative and Contextualization Projects; Associate Professor, Department of African and African Diaspora Studies; Associate Professor, John L Warfield Center for African and African American Studies; Vice Provost, Office of the Executive Vice President and Provost
PhD, Stanford University, 1981
Vernita Gordon, Associate Professor, Department of Physics PhD, Harvard University, 2003

Andrea C Gore Mildred Hajek Vacek and John Roman Vacek Chair in Pharmacology, in Honor of Professor C. C. Albers, Professor, College of Pharmacy; Professor, Department of Psychology
PhD, University of Wisconsin-Madison, 1990
Robbe Lieve Theofiel Goris, Assistant Professor, Department of Psychology
PhD, Katholieke Universiteit Leuven, 2009
Carma Ryanne Gorman, Associate Professor, School of Design and Creative Technologies; Associate Professor, Department of Art and Art History
PhD, University of California-Berkeley, 1998
Samuel D Gosling, Professor, Department of Psychology
PhD, University of California-Berkeley, 1998
Timothy Andrew Goudge, Faculty Associate; Assistant Professor, Department of Geological Sciences
PhD, Brown University, 2015
Jennifer Graber The Gwyn Shive, Anita Nordan Lindsay and Joe \& Cherry Gray Professorship, Professor, Department of Religious Studies PhD, Duke University, 2006

Scott Graham, Associate Professor, Department of Rhetoric and Writing PhD, Iowa State University, 2010

Stephen P Grand Shell Companies Foundation Centennial Chair in Geophysics, Professor, Department of Geological Sciences; Professor, Institute for Geophysics
PhD, California Institute of Technology, 1986
Michael H Granof, Distinguished Teaching Professor Emeritus, Department of Accounting
PhD, University of Michigan-Ann Arbor, 1972
Donald J Grantham Frank C. Erwin, Jr. Centennial Professorship in Music, Professor, Sarah and Ernest Butler School of Music
DMA, University of Southern California, 1980
Stephanie Marie Grasso, Assistant Professor, Department of Speech, Language, and Hearing Sciences
MA, University of Texas at Austin, 2014
Kristen L Grauman Professorship in Computer Sciences \#4, Professor, Department of Computer Science; Professor, Applied Research Laboratories
PhD, Massachusetts Institute of Technology, 2006
Jane S Gray, Assistant Professor of Practice, Department of Educational
Psychology; Assistant Professor of Psychiatry, Department of
Psychiatry; Faculty Associate-Von Sternberg-SSW,
PhD, University of Texas at Austin, 2006
Kelcey C Gray, Assistant Professor of Practice, School of Design and Creative Technologies
MFA, Maryland Institute College of Art, 2013

Kenneth E Gray, Professor Emeritus, Department of Petroleum and Geosystems Engineering
PhD, University of Texas at Austin, 1963

Ryan S Gray, Assistant Professor, Department of Nutritional Sciences; Assistant Professor of Pediatrics, Department of Pediatrics PhD, University of Texas at Austin, 2009

Steven Gray Jr, Assistant Professor, Department of Management PhD, Washington University in St Louis, 2017

Laurie B Green, Associate Professor, Department of History; Associate Professor, Center for Women's and Gender Studies; Associate Professor, Department of African and African Diaspora Studies
PhD, University of Chicago, 1999
Paul Green, Assistant Professor, Department of Management MBA, Drexel University, 2010

Terrance L Green, Associate Professor, Department of Educational Leadership and Policy; Associate Professor, Department of African and African Diaspora Studies
PhD, University of Wisconsin-Madison, 2013
Sherri R Greenberg, Professor of Practice, Lyndon B Johnson School of Public Affairs

MSc, University of London, 1981

Kenneth F Greene, Associate Professor, Department of Government; Associate Professor, Center for Mexican American Studies PhD, University of California-Berkeley, 2002

Benjamin G Gregg, Professor, Department of Government PhD, Princeton University, 1996

Sheena Elise Greitens, Associate Professor, Lyndon B Johnson School of Public Affairs; Associate Professor, Department of Government PhD, Harvard University, 2013

John M Griffin, Professor, Department of Finance
PhD, Ohio State U Main Campus, 1997

Lisa Griffin, Associate Professor, Department of Kinesiology and Health Education
PhD, University of Western Ontario, 1999
Zenzi Margareta Griffin, Professor, Department of Psychology; Professor, Department of Speech, Language, and Hearing Sciences; Professor, Department of Linguistics
PhD, University of Illinois at Urbana-Champaign, 1998
Jeffrey Martin Gross Lorene Morrow Kelley Endowed Faculty Fellowship Fund, Professor, Department of Molecular Biosciences
PhD, Duke University, 2002
ANTHONY H GRUBESIC, Associate Dean for Research, School of Information

PhD, The Ohio State University Main Campus, 2001

Karen Grumberg Arnold S. Chaplik Professorship in Israel and Diaspora Studies, Faculty Associate; Director Academic Center, Center for Middle Eastern Studies; Professor, Department of Middle Eastern Studies PhD, University of California-Los Angeles, 2004

Maria Pia Pia Gualdani Frank E. Gerth III Faculty Fellowships, Associate Professor, Department of Mathematics
PhD, Johannes Gutenberg Universitat Mainz, 2005
Julia E Guernsey D. J. Sibley Family Centennial Faculty Fellowship in Prehistoric Art, Professor, Department of Art and Art History

PhD, University of Texas at Austin, 1997

Sumit Guha Frances Higginbotham Nalle Centennial Professorship in History, Professor, Department of History; Professor, Department of Asian Studies
PhD, University of Cambridge, 1982
Lauren E Gulbas, Associate Professor, School of Social Work; Associate Professor, Department of Anthropology; Associate Professor, Department of Population Health; Associate Professor, Department of Health Social Work
PhD, Southern Methodist University, 2008
Sean S Gulick, Research Professor, Institute for Geophysics PhD, Lehigh University, 2000

Jonathan F Gunn, Associate Professor, Sarah and Ernest Butler School of Music

MM, Duquesne University, 1997

Joshua G Gunn, Professor, Department of Communication Studies; Professor, Department of Rhetoric and Writing
PhD, University of Minnesota-Twin Cities, 2002
Diwakar Gupta Daniel B. Stuart Centennial Professorship in the Application of Computers to Business \& Management, Professor, Department of Information, Risk, and Operations Management PhD, University of Waterloo, 1988

Danna Gurari, Research Affiliate - Research Fellow, PhD, Boston University, 2015

Sean Gurd, Professor, Department of Classics
PhD, University of Toronto, 2001
Genaro J Gutierrez, Associate Professor, Department of Information, Risk, and Operations Management; Associate Professor, Department of Management; Director for MSBA
PhD, Stanford University, 1988

Laura G Gutierrez, LMAS Affiliated; Associate Professor, Center for Mexican American Studies; Associate Professor, Department of Mexican American and Latino/a Studies

PhD, University of Wisconsin-Madison, 2000

Lauren Jae Gutterman, Associate Professor, Department of American Studies; Associate Professor, Department of History PhD, New York University, 2012

Jacek Gwizdka, Associate Professor, School of Information PhD, University of Toronto, 2004

Derek A Haas, Assistant Professor, Department of Mechanical Engineering; Assistant Professor, Applied Research Laboratories PhD, University of Texas at Austin, 2008

Karen L Haas, Assistant Professor of Instruction, Department of Educational Psychology
PhD, University of Dayton, 2002
Michelle Habeck, Associate Professor, Department of Theatre and Dance; Associate Professor, School of Design and Creative Technologies MFA, Northwestern University, 1996

Michael Richard Haberman, Assistant Professor, Department of Mechanical Engineering; Assistant Professor, Applied Research Laboratories
PhD, Georgia Institute of Technology, 2007

Marvin L Hackert William Shive Centennial Professorship in Biochemistry, Associate Dean, Office of the Vice Provost and Dean of Graduate Studies; Professor, Department of Molecular Biosciences PhD, Iowa State University, 1970

Jo Ann Hackett, Professor Emeritus, Department of Middle Eastern Studies
PhD, Harvard University, 1980
Ronny Hadani, Associate Professor, Department of Mathematics PhD, Tel Aviv University, 2006

Warren J Hahn, Clinical Professor, Department of Finance; Associate Dean for Graduate Programs,
PhD, University of Texas at Austin, 2005
Sabine Hake Texas Chair of German Literature and Culture, Professor, Department of Germanic Studies; Professor, Center for Women's and Gender Studies; Professor, Department of Geography and the Environment
PhD, Universitat Hannover, 1984
Jeffrey Hales Charles T. Zlatkovich Centennial Professorship in Accounting, Professor, Department of Accounting PhD, Cornell University, 2003

Andreana P Haley Sarah M. and Charles E. Seay Regents Professorship in Clinical Psychology, Professor, Department of Psychology PhD, University of Virginia, 2005

Matthew J Hall Louis T. Yule Fellowship in Engineering, Faculty Associate-ENGR; Professor, Department of Mechanical Engineering PhD, Princeton University, 1987

Neal Hall Temple Foundation Endowed Faculty Fellowship No. 5, Associate Professor, Department of Electrical and Computer Engineering PhD, Georgia Institute of Technology, 2004

Nicholas Jennings Hallman, Assistant Professor, Department of Accounting
PhD, University of Missouri - Columbia, 2016
Michael Roy Hames Garcia, Professor, Department of Mexican American and Latino/a Studies
PhD, Cornell University, 1998
Liberty Hamilton, Assistant Professor, Department of Speech, Language, and Hearing Sciences; Assistant Professor, Department of Neurology PhD, University of California-Berkeley, 2013

Mark F Hamilton W. R. Woolrich Professorship in Engineering, Professor, Department of Mechanical Engineering; Professor, Applied Research Laboratories
PhD, Pennsylvania State University Main Campus, 1983
Xiaofen Deng Hamilton, Professor, Department of Curriculum and Instruction
PhD, University of Illinois at Urbana-Champaign, 2000
Lauren Hazledine Hampton, Assistant Professor, Department of Special Education
PhD, Vanderbilt University, 2016
Sae Hwang Han, Assistant Professor, Department of Human
Development and Family Sciences
MS, University of Massachusetts Boston, 2017
Grani Adiwena Hanasusanto, Assistant Professor, Department of Mechanical Engineering

PhD, Imperial College London, 2015
Ian F Hancock, Professor Emeritus, Department of Linguistics PhD, University of London, 1971

Courtney Handman, Associate Professor, Department of Anthropology PhD, University of Chicago, 2010

Robert J Hankinson, Professor, Department of Philosophy; Professor, Department of Classics
PhD, University of Cambridge, 1985
Maggie Hansen Meadows Foundation Centennial Fellowship in Architecture, Assistant Professor, School of Architecture MLA, University of Virginia, 2010

Patricia I Hansen J. Waddy Bullion Professorship in Law, Professor, School of Law
JD, Yale University, 1987
Alex Hanson Jack Kilby/Texas Instruments Endowed Faculty Fellowship in Computer Engineering, Assistant Professor, Department of Electrical and Computer Engineering
SM, Massachusetts Institute of Technology, 2016
Kathryn Paige Harden, Professor, Department of Psychology PhD, University of Virginia, 2009

Julie Hardwick John E. Green Regents Professorship in History,
Professor, Department of History
PhD, Johns Hopkins University, 1991
Michael P Harney, Professor, Department of Spanish and Portuguese PhD, University of California-Berkeley, 1983

Arbel Harpak, Assistant Professor, Department of Population Health; Assistant Professor, Department of Integrative Biology PhD, Stanford University, 2018

Kristen M Harris, Professor, Department of Neuroscience PhD, Northeastern Ohio Universities College of Medicine, 1982

R A Harris, Professor Emeritus, Department of Neuroscience PhD, University of North Carolina at Chapel Hill, 1973

David A Harrison Charles and Elizabeth Prothro Regents Chair in Business Administration, Professor, Department of Management PhD, University of Illinois at Urbana-Champaign, 1988

Tracie C Harrison, Professor, School of Nursing
PhD, University of Texas at Austin, 2004
Rasika M Harshey Lorene Morrow Kelley Professorship in Microbiology, Professor, Department of Molecular Biosciences
PhD, Indian Institute of Science - Bangalore, 1977
Roderick P Hart Allan Shivers Centennial Chair in Communication, Professor, Department of Communication Studies; Professor, Department of Government
PhD, Pennsylvania State University Park, 1970
Elin J Hartelius, Associate Professor, Department of Communication Studies
PhD, University of Texas at Austin, 2008
John Hartigan, Professor, Department of Anthropology
PhD, University of California-Santa Cruz, 1995
Jay C Hartzell Regents Chair in Higher Education Leadership, Ed and Caroline Hyman Endowed Presidential Leadership Chair, Trammell Crow

Regents Professorship in Business, Professor, Department of Finance; President,
PhD, University of Texas at Austin, 1998
Jonathan Edward carey Harvey, Faculty Associate; Professor, Department of English
BA, University of Hull, 1989
David Harwath, Assistant Professor, Department of Computer Science PhD, Massachusetts Institute of Technology, 2018

Hope Hasbrouck, Associate Professor, School of Architecture MLArch, Harvard University, 1996

John J Hasenbein June and Gene Gillis Endowed Faculty Fellowship in Manufacturing Systems Engineering, Faculty Associate-ENGR; Professor, Department of Mechanical Engineering
PhD, Georgia Institute of Technology, 1999
John William Hatfield Arthur Andersen \& Co. Alumni Centennial Professorship in Finance, Professor, Department of Finance; Professor, Department of Economics; Professor, Department of Business, Government and Society
PhD, Stanford University, 2005
Robert S Hatten Marlene and Morton Meyerson Professorship in Music, Professor, Sarah and Ernest Butler School of Music
PhD, Indiana University at Bloomington, 1982
Elliott Hauser Temple Teaching Fellowship, Assistant Professor, School of Information
PhD, University of North Carolina at Chapel Hill, 2020
Justin C Havird, Assistant Professor, Department of Integrative Biology PhD, Auburn University, 2014

Keith Hawkins, Assistant Professor, Department of Astronomy PhD, University of Cambridge, 2016

Mary Myleen Hayhoe, Professor, Department of Psychology PhD, University of California-San Diego, 1979

Mark D Hayward, Professor, Department of Sociology; Professor, Center for Women's and Gender Studies
PhD, Indiana University at Bloomington, 1981
Richard D Hazeltine, Professor, Department of Physics
PhD, University of Michigan-Ann Arbor, 1968
Nancy L Hazen-Swann, Professor, Department of Human Development and Family Sciences
PhD, University of Minnesota-Twin Cities, 1979
Robert W Heath Jr, Adjunct Professor, Department of Electrical and Computer Engineering; Senior Research Scientist,
PhD, Stanford University, 2002
Matt Hebdon, Associate Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, Purdue University Main Campus, 2015
Robert E Hebner, Research Professor, Department of Mechanical Engineering; Director, Center for Electromechanics, PhD, University of Missouri - Rolla, 1971

Elizabeth A Hedrick, Associate Professor, Department of English PhD, Columbia University in the City of New York, 1986

Bjorn Hegelich, Associate Professor, Department of Physics

PhD, Ludwig-Maximilians-Universitat Munchen, 2002
Zoya Heidari Anadarko Petroleum Corporation Centennial Fellowship \#1 in Petroleum Engineering, Associate Professor, Department of Petroleum and Geosystems Engineering
PhD, University of Texas at Austin, 2011
Patrick Heimbach W. A. "Tex" Moncrief, Jr. Endowment in SimulationBased Engineering and Sciences - Endowed Chair No. 3, Professor, Department of Geological Sciences; Professor, Institute for Computational Engineering and Science; Core Faculty,
PhD, University of Hamburg, 1998
Susan S Heinzelman, Associate Professor Emeritus, Department of English
PhD, University of Western Ontario, 1978
Daniel J Heinzen The Fondren Foundation Centennial Chair in Physics, Professor, Department of Physics
PhD, Massachusetts Institute of Technology, 1988
Donalyn Heise, Associate Professor of Instruction, Department of Art and Art History
EdD, Nova Southeastern University, 2001
Elizabeth M Heitkemper, Assistant Professor, School of Nursing PhD, Columbia University in the City of New York, 2017

Raymond C Heitmann, Professor, Department of Mathematics PhD, University of Wisconsin-Madison, 1974

Jeffrey L Hellmer Priscilla Pond Flawn Regents Professorship in Organ or Piano Performance, Faculty Associate; Professor, Sarah and Ernest Butler School of Music
MM, University of Rochester, 1983
Todd A Helwig Jewel McAlister Smith Professorship in Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of Texas at Austin, 1994
Amy Hempel, Adjunct Professor, James A Michener Center for Writers BA, San Jose State University, 1973

Andrew D Henderson The J. Anderson Fitzgerald Centennial Fellowship, Associate Professor, Department of Management
PhD, University of Texas at Austin, 1996
Linda D Henderson, Distinguished Teaching Professor Emeritus,
Department of Art and Art History
PhD, Yale University, 1975
Marlone Deshaun Henderson, Associate Professor, Department of Psychology; Associate Professor, Program in the Human Dimensions of Organizations
PhD, New York University, 2006
Ty Thomas Henderson, Associate Professor, Department of Marketing; Associate Dean, Undergraduate Programs, Red McCombs School of Business
PhD, University of Wisconsin-Madison, 2007
Geraldine Heng Perceval Professorship in Medieval Romance,
Historiography, and Culture, Professor, Department of English; Professor, Center for Middle Eastern Studies
PhD, Cornell University, 1990
Jacqueline M Henkel, Associate Professor Emeritus, Department of Rhetoric and Writing

PhD, University of Minnesota-Twin Cities, 1985
Graeme Andrew Henkelman George W. Watt Centennial Professorship, Professor, Department of Chemistry; Core Faculty,
PhD, University of Washington - Seattle, 2001
Ashley M Henneghan, Assistant Professor, School of Nursing; Assistant Professor, Department of Oncology
PhD, University of Texas at Austin, 2017
Maya L Henry, Associate Professor, Department of Speech, Language, and Hearing Sciences; Associate Professor, Department of Neurology; Assistant Dean, Moody College of Communication PhD, University of Arizona, 2009

Nicholas A Henry, Assistant Professor, Department of Germanic Studies PhD, Pennsylvania State University Park, 2015

Frederick G Hensey, Professor Emeritus, Department of Spanish and Portuguese
PhD, University of Texas at Austin, 1967
Mercedes Hernandez, Assistant Professor, School of Social Work;
Assistant Professor, Department of Psychiatry
PhD, University of Southern California, 2014
Peter Hess, Associate Professor, Department of Germanic Studies; Associate Professor, Center for European Studies
PhD, University of Michigan-Ann Arbor, 1984
Marc Andre Hesse, Associate Professor, Department of Geological Sciences
PhD, Stanford University, 2008
David D Heymann Harwell Hamilton Harris Regents Professorship in Architecture, Faculty Associate; Professor, School of Architecture MArch, Harvard University, 1988

Kathleen M Higgins, Professor, Department of Philosophy PhD, Yale University, 1982

Lea Hildebrandt Ruiz Chevron Centennial Teaching Fellowship in Chemical Engineering, Associate Professor, Department of Chemical Engineering
PhD, Carnegie Mellon University, 2011
Angela Hill, Assistant Professor, Department of Rhetoric and Writing PhD, University of California-Berkeley, 2011

David M Hillis Alfred W. Roark Centennial Professorship in Natural Sciences, Dean's Scholars Faculty Director; Professor, Department of Integrative Biology
PhD, University of Kansas Main Campus, 1985
Heather Anne Hindman, Associate Professor, Department of Asian Studies; Associate Professor, Department of Anthropology; Associate Professor, Center for Asian American Studies
PhD, University of Chicago, 2003
Lars Hinrichs, Associate Professor, Department of English
PhD, Albert Ludwig University Freiburg im Breisgau, 2006
D E Hirst The John Arch White Professorship in Business, Professor, Department of Accounting
PhD, University of Minnesota-Twin Cities, 1992
Nhat Ho, Assistant Professor, Department of Statistics and Data Sciences
PhD, University of Michigan-Ann Arbor, 2017

Neville Hoad, Associate Professor, Department of English; Associate Professor, Center for Women's and Gender Studies PhD, Columbia University in the City of New York, 1998

Hiilei J Hobart, Assistant Professor, Department of Anthropology PhD, New York University, 2016

John M Hoberman, Professor, Department of Germanic Studies PhD, University of California-Berkeley, 1975

Ben R Hodges Carl Ernest and Mattie Ann Muldrow Reistle, Jr. Centennial Fellowship in Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, Stanford University, 1997
Steven D Hoelscher, Professor, Department of American Studies; Professor, Department of Geography and the Environment; Associate Dean, College of Liberal Arts
PhD, University of Wisconsin-Madison, 1995
David W Hoffman, Associate Professor, Department of Molecular Biosciences
PhD, Duke University, 1986
Johann Hofmann, Professor, Department of Integrative Biology PhD, Universitat Leipzig, 1997

Sebastian Hohenberg, Assistant Professor, Department of Marketing PhD, University of Mannheim, 2015

Carole K Holahan, Professor Emerita, Department of Kinesiology and Health Education
PhD, University of Texas at Austin, 1976
Charles J Holahan, Faculty Associate; Professor, Department of Psychology
PhD, University of Massachusetts, 1971
Joan A Holladay, Professor Emeritus, Department of Art and Art History PhD, Brown University, 1982

Lori K Holleran Steve Hicks Professor in Addictions and Substance Abuse Services, Faculty Associate; Professor, School of Social Work; Professor, Department of Psychiatry; Associate Dean, School of Undergraduate Studies
PhD, Arizona State University Main, 2000
Michael Holleran, Associate Professor, School of Architecture PhD, Massachusetts Institute of Technology, 1991

Jennifer J Holme, Professor, Department of Educational Leadership and Policy
PhD, University of California-Los Angeles, 2000
Adam Holzman Parker C. Fielder Regents Professorship in Music, Professor, Sarah and Ernest Butler School of Music
MM, Florida State University, 1984
Mevin Hooten, Professor, Department of Statistics and Data Sciences PhD, University of Missouri - Columbia, 2006

Sharon D Horner Dolores V. Sands Chair in Nursing Research, Associate Dean, School of Nursing
PhD, Medical College of Georgia, 1992
Brian K Horton J. Nalle Gregory Chair in Sedimentary Geology, Professor, Department of Geological Sciences; Professor, Institute for Geophysics PhD, University of Arizona, 1998

Elaine K Horwitz, Professor Emeritus, Department of Curriculum and Instruction
PhD, University of Illinois at Urbana-Champaign, 1980
Heather Houser, Professor, Department of English
PhD, Stanford University, 2010
Susan D Hovorka, Senior Research Scientist, PhD, University of Texas at Austin, 1990

Mackenzie A Howard, Research Assistant Professor, Department of Neuroscience; Assistant Professor of Medicine, Department of Neurology; Courtesy Faculty,
PhD, University of Washington - Seattle, 2008
James L Howison, Associate Professor, School of Information PhD, Syracuse University Main Campus, 2009

Wayne D Hoyer James L. Bayless/W. S. Farish Fund Chair for Free Enterprise, Professor, Department of Marketing
PhD, Purdue University Main Campus, 1980
Hao-Yuan Hsiao, Assistant Professor, Department of Kinesiology and Health Education
PhD, University of Delaware, 2015
Madeline Y Hsu Mary Helen Thompson Centennial Professorship in the Humanities, Professor, Department of History; Professor, Center for Asian American Studies; Professor, Department of Asian Studies PhD, Yale University, 1996

Vox Jo Hsu, Faculty Associate; Assistant Professor, Department of Rhetoric and Writing
PhD, Pennsylvania State University Park, 2016
Henry T C Hu Allan Shivers Chair in the Law of Banking and Finance, Professor, School of Law
JD, Yale University, 1979
Qin Huang Dula D. Cockrell Centennial Chair in Engineering \#1, Professor, Department of Electrical and Computer Engineering
PhD, University of Cambridge, 1992
Qixing Huang, Assistant Professor, Department of Computer Science PhD, Stanford University, 2012

Rui Huang Bettie Margaret Smith Professorship in Engineering, Faculty Associate-ENGR; Professor, Department of Aerospace Engineering and Engineering Mechanics
PhD, Princeton University, 2001
Teresa Hubbard William and Bettye Nowlin Endowed Professorship in Photography, Grace Hill Milam Centennial Fellowship in Fine Arts, Professor, Department of Art and Art History
MFA, Nova Scotia College of Art and Design, 1992
John Huehnergard, Professor Emeritus, Department of Middle Eastern Studies
PhD, Harvard University, 1979
Joan Hughes, Associate Professor, Department of Curriculum and Instruction
PhD, Michigan State University, East Lansing, 2000
Patrick Hughes, Associate Professor, Sarah and Ernest Butler School of Music
MMus, University of Wisconsin-Madison, 1988
Thomas J Hughes Peter O'Donnell, Jr. Chair in Computational and Applied Mathematics, Professor, Department of Aerospace Engineering
and Engineering Mechanics; Professor, Institute for Computational Engineering and Science; Core Faculty,
PhD, University of California-Berkeley, 1974
Jon M Huibregtse Benjamin Clayton Centennial Professorship in Biochemistry, Professor, Department of Molecular Biosciences PhD, University of Michigan-Ann Arbor, 1989

Alexander C Huk Raymond Dickson Centennial Professorship \#2, Polymathic Faculty Director; Professor, Department of Neuroscience; Professor, Department of Psychology
PhD, Stanford University, 2001
Kami Hull, Associate Professor, Department of Chemistry PhD, University of Michigan-Ann Arbor, 2009

Simon M Humphrey, Associate Professor, Department of Chemistry PhD, University of Cambridge, 2006

Todd E Humphreys William J. Murray, Jr. Fellowship in Engineering No.
1, Professor, Department of Aerospace Engineering and Engineering Mechanics; Professor, Applied Research Laboratories; Director Research Unit, Wireless Networking and Communications Group, Wireless Networking and Communications Group
PhD, Cornell University, 2008
Bruce J Hunt, Associate Professor, Department of History PhD, Johns Hopkins University, 1984

Thomas M Hunt, Associate Professor, Department of Kinesiology and Health Education
PhD, University of Texas at Austin, 2007
Warren A Hunt Jr, Professor, Department of Computer Science PhD, University of Texas at Austin, 1985

Wendy A Hunter, Professor, Department of Government PhD, University of California-Berkeley, 1992

Enamul Huq, Professor, Department of Molecular Biosciences PhD, Purdue University Main Campus, 1997

Brian Hurley, Assistant Professor, Department of Asian Studies PhD, University of California-Berkeley, 2014

Insiya Hussain, Assistant Professor, Department of Management PhD, University of Maryland College Park, 2018

Sara J Hussain, Assistant Professor, Department of Kinesiology and Health Education
PhD, University of Iowa, 2016
Robert L Hutchings, Professor Emeritus, Lyndon B Johnson School of Public Affairs
PhD, University of Virginia, 1979
Coleman Hutchison, Associate Professor, Department of English PhD, Northwestern University, 2006

Alexander Huth, Assistant Professor, Department of Computer Science; Assistant Professor, Department of Neuroscience
PhD, University of California-Berkeley, 2013
Tanya Hutter, Assistant Professor, Department of Mechanical Engineering
PhD, University of Cambridge, 2013
Gyeong S Hwang Matthew Van Winkle Regents Professorship in Chemical Engineering, Professor, Department of Chemical Engineering

PhD, California Institute of Technology, 1999
Hyun Hwang, Assistant Professor, Department of Accounting MS, Carnegie Mellon University, 2015

Syed A Hyder, Associate Professor, Department of Asian Studies;
Associate Professor, Center for Middle Eastern Studies
PhD, Harvard University, 2000
Benjamin Ibarra Sevilla, Associate Professor, School of Architecture MS, Universidad de Alcala, 2005

Mary E Ibarrola, Assistant Professor, Department of Anthropology PhD, University of Florida, 2021

William Inboden, Faculty Associate; Associate Professor, Lyndon B Johnson School of Public Affairs; Associate Professor, Department of History
PhD, Yale University, 2003
Jean Incorvia, Assistant Professor, Department of Electrical and Computer Engineering
PhD, Harvard University, 2015
Bobby R Inman, Professor Emeritus, Lyndon B Johnson School of Public Affairs
BA, University of Texas at Austin, 1950
Yasmiyn Irizarry, Assistant Professor, Department of African and African Diaspora Studies; Assistant Professor, Department of Sociology PhD, Indiana University at Bloomington, 2011

Julie R Irwin Marlene and Morton Meyerson Centennial Professorship in Business, Professor, Department of Business, Government and Society PhD, University of Colorado at Boulder, 1992

Noah Isenberg George Christian Centennial Professorship, Professor, Department of Radio-Television-Film
PhD, University of California-Berkeley, 1995
Arie Israel, Associate Professor, Department of Mathematics PhD, Princeton University, 2011

Brent L Iverson Warren J. and Viola Mae Raymer Professorship, Dean, School of Undergraduate Studies; Professor, Department of Chemistry PhD, California Institute of Technology, 1988

Vishwanath R Iyer, Professor, Department of Molecular Biosciences; Professor of Oncology, Department of Oncology
PhD, Harvard University, 1996
Jose Guadalupe Izaguirre III, Assistant Professor, Department of Rhetoric and Writing
MA, University of Illinois at Urbana-Champaign, 2016
Huriya Jabbar, Associate Professor, Department of Educational Leadership and Policy
PhD, University of California-Berkeley, 2014
Mbemba Jabbi, Assistant Professor, Department of Psychiatry PhD, University of Groningen, 2007

Branden Jacobs-Jenkins, Associate Professor of Practice, Department of Theatre and Dance
MA, New York University, 2007
Gary J Jacobsohn H. Malcolm Macdonald Chair in Constitutional and Comparative Law, Professor, Department of Government
PhD, Cornell University, 1972

Deborah B Jacobvitz Phyllis L. Richards Endowed Professorship in Child Development, Professor, Department of Human Development and Family Sciences
PhD, University of Minnesota-Twin Cities, 1987
Aleksandra Jaeschke Meadows Foundation Centennial Fellowship in Architecture, Assistant Professor, School of Architecture
DDes, Harvard University, 2018
Daniel T Jaffe Jane and Roland Blumberg Centennial Professorship in Astronomy, Vice President for Research; Professor, Department of Astronomy; Vice President for Research, Office of the Vice President for Research
PhD, Harvard University, 1981
Moriba Jah Mrs. Pearlie Dashiell Henderson Centennial Fellowship in Engineering, Associate Professor, Department of Aerospace Engineering and Engineering Mechanics; Associate Professor, Applied Research Laboratories; Core Faculty,
PhD, University of Colorado at Boulder, 2005
Robert K Jansen Sidney F. and Doris Blake Centennial Professorship in Systematic Botany and the Blake Collection, Professor, Department of Integrative Biology; Director (Academic),
PhD, Ohio State U Main Campus, 1982
Xavier Janson, Senior Research Scientist,
PhD, University of Miami, 2002
Andres Jara-Oseguera Lorene Morrow Kelley Endowed Faculty Fellowship Fund, Assistant Professor, Department of Molecular Biosciences
PhD, Universidad Nacional Autonoma de Mexico, 2012
Sirkka L Jarvenpaa James L. Bayless/Rauscher Pierce Refsnes, Inc. Chair in Business Administration, Professor, Department of Information, Risk, and Operations Management
PhD, University of Minnesota-Twin Cities, 1986
Sharon E Jarvis, Faculty Associate; Distinguished Teaching Professor, Department of Communication Studies
PhD, University of Texas at Austin, 2000
Makkuni Jayaram, Professor, Department of Molecular Biosciences PhD, Indian Institute of Science - Bangalore, 1977

Ross G Jennings, Distinguished Teaching Professor Emeritus, Department of Accounting
PhD, University of California-Berkeley, 1987
Jody L Jensen, Professor Emeritus, Department of Kinesiology and Health Education
PhD, University of Maryland College Park, 1989
Kristin Wolfe Jensen, Professor, Sarah and Ernest Butler School of Music MM, The Juilliard School, 1991

Nathan Michael Jensen, Professor, Department of Government; Professor, Department of Business, Government and Society PhD, Yale University, 2002

Stephen August Jessee, Associate Professor, Department of Government PhD, Stanford University, 2007

Shalene Jha Jean Andrews Centennial Faculty Fellowship in Tropical and Economic Botany, Associate Professor, Department of Integrative Biology
PhD, University of Michigan-Ann Arbor, 2009

Yaoyao Jia, Assistant Professor, Department of Electrical and Computer Engineering
PhD, Georgia Institute of Technology, 2019
Junfeng Jiao, Associate Professor, School of Architecture; Associate
Professor, Department of Population Health
PhD, University of Washington - Seattle, 2010
Monica A Jimenez, Assistant Professor, Department of African and African Diaspora Studies; Assistant Professor, Department of History; Assistant Professor, John L Warfield Center for African and African American Studies
PhD, University of Texas at Austin, 2015
Derek P Jinks A. W. Walker Centennial Chair, Professor, School of Law JD, Yale University, 1998

Shardha Jogee Rex G. Baker, Jr. and McDonald Observatory Centennial Research Professorship in Astronomy, Professor, Department of Astronomy
PhD, Yale University, 1999
Stanley M Johanson James A. Elkins Centennial Chair in Law, Professor School of Law

LLM, Harvard University, 1963

Lizy K John Cullen Trust for Higher Education Endowed Professorship in Engineering \#3, Professor, Department of Electrical and Computer Engineering
PhD, Pennsylvania State University Main Campus, 1993
Ann C Johns, Distinguished Senior Lecturer, Department of Art and Art History
PhD, University of Texas at Austin, 2000

Arlen W Johnson, Professor, Department of Molecular Biosciences PhD, Harvard University, 1988

Blair Johnson, Assistant Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, Cornell University, 2016
Joel Peterson Johnson, Associate Professor, Department of Geological Sciences; Instructor of Record - GEO 302E,
PhD, Massachusetts Institute of Technology, 2007

Karen Johnson, Associate Professor, School of Nursing; Associate Professor, Department of Health Social Work
PhD, University of Minnesota-Twin Cities, 2012
Kenneth Johnson Roger J. Williams Centennial Professorship in Biochemistry, Professor, Department of Molecular Biosciences PhD, University of Wisconsin-Madison, 1975

Thomas Jerrold Johnson Amon G. Carter, Jr. Centennial Professorship in Communication, Professor, School of Journalism and Media PhD, University of Washington - Seattle, 1989

Travis Lake Johnson, Associate Professor, Department of Finance PhD, Stanford University, 2012

Michael T Johnsrud, Senior Research Scientist, PhD, University of Texas at Austin, 1998

Bret Anthony Johnston, Faculty Associate; Professor, Department of English; Professor, James A Michener Center for Writers MFA, University of Iowa, 2002

Daniel Johnston Karl Folkers Chair in Interdisciplinary Biomedical Research, Professor Emeritus, Department of Neuroscience

PhD, Duke University, 1974

Keith P Johnston Claire and Peter Buenz Endowed Chair in Chemical Engineering, Professor, Department of Chemical Engineering PhD, University of Illinois at Urbana-Champaign, 1981

Christopher A Jolly, Associate Professor, Department of Nutritional Sciences; Associate Professor, Department of Pediatrics PhD, Texas A \& M University, 1996

Barbara L Jones Josleen and Frances Lockhart Memorial Professorship for Direct Practice in Social Work, Professor, School of Social Work; Professor, Center for Women's and Gender Studies; Professor, Department of Population Health; Professor, Department of Psychiatry; Professor, Department of Oncology; Department Chair, Health Social Work, Department of Health Social Work; Associate Director of Social Sciences and Community Based Research,
PhD, State University of New York at Albany, 2004
Brandon A Jones, Assistant Professor, Department of Aerospace Engineering and Engineering Mechanics; Affiliated Faculty, Oden Institute,

PhD, University of Colorado at Boulder, 2010

Bryan Davidson Jones J. J. "Jake" Pickle Regents Chair in Congressional Studies, Professor, Department of Government; Professor, Lyndon B Johnson School of Public Affairs
PhD, University of Texas at Austin, 1970
Corinne A Jones, Assistant Professor, Department of Speech, Language, and Hearing Sciences; Assistant Professor, Department of Neurology PhD, University of Wisconsin-Madison, 2018

Jacqueline Jones, Professor Emeritus, Department of History PhD, University of Wisconsin-Madison, 1976

Omi Osun Joni L Jones, Professor Emerita, Department of African and African Diaspora Studies
PhD, New York University, 1993

Theresa A Jones, Professor, Department of Psychology
PhD, University of Texas at Austin, 1992

Peniel E Joseph Barbara Jordan Chair in Ethics and Political Values, Faculty Associate; Professor, Lyndon B Johnson School of Public Affairs; Professor, Department of History
PhD, Temple University, 2000
Robert A Josephs, Professor, Department of Psychology; Professor, Department of Psychiatry
PhD, University of Michigan-Ann Arbor, 1990

Esbelle M Jowers, Faculty Associate; Research Assistant Professor, Department of Kinesiology and Health Education
PhD, University of Texas at Austin, 1999
Maria Juenger L. B. (Preach) Meaders Professorship in Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering; Associate Dean, Office of the Vice Provost and Dean of Graduate Studies
PhD, Northwestern University, 1999
Thomas E Juenger Billy Carr Distinguished Teaching Fellowship, Professor, Department of Integrative Biology PhD, University of Chicago, 1999

Cory F Juhl, Professor, Department of Philosophy
PhD, University of Pittsburgh, Pittsburgh Campus, 1992

Christine L Julien Annis and Jack Bowen Endowed Professorship in Engineering, Professor, Department of Electrical and Computer Engineering; Associate Dean, Cockrell School of Engineering; Professor, Applied Research Laboratories; Faculty Associate, DSc, Washington University in St Louis, 2004

Jerry F Junkin Vincent R. and Jane D. DiNino Chair for Director of Bands, Professor, Sarah and Ernest Butler School of Music; Director (0379), MMus, University of Texas at Austin, 1979

Kate Jushchenko, Associate Professor, Department of Mathematics PhD, Texas A \& M University, 2011

Manuel J Justiz A. M. Aikin Regents Chair in Education Leadership, Professor, Department of Educational Leadership and Policy PhD, Southern Illinois University Carbondale, 1977

Steven J Kachelmeier Randal B. McDonald Chair in Accounting,
Professor, Department of Accounting
PhD, University of Florida, 1988
Alison Kafer, Associate Professor, Department of English; Associate Professor, Center for Women's and Gender Studies
PhD, Claremont Graduate University, 2005
Lee Ann Kahlor, Faculty Associate; Professor, Stan Richards School of Advertising and Public Relations; Professor, Center for Women's and Gender Studies
PhD, University of Wisconsin-Madison, 2003
Loukas F Kallivokas Carrol Allen Teaching Fellowship in Civil Engineering, Affiliated Faculty, Oden Institute; Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, Carnegie Mellon University, 1995
Marilyn C Kameen A. M. Aikin Regents Chair in Junior and Community College Education Leadership, Professor, Department of Educational Leadership and Policy
EdD, University of Virginia (Old Code), 1974
Neil D Kamil, Associate Professor, Department of History PhD, Johns Hopkins University, 1989

Johan A Kamp, Visiting Professor, Department of Philosophy; Visiting
Professor, Department of Linguistics
PhD, University of California-Los Angeles, 1968
Hyeon-Ah Kang Pearson Endowed Faculty Fellowship in Psychometrics, Assistant Professor, Department of Educational Psychology PhD, University of Illinois at Urbana-Champaign, 2016

Hyeun Ah Kang, Assistant Professor, College of Pharmacy
PhD, University of Texas at Austin, 2019
Jonathan Kaplan, Associate Professor, Department of Middle Eastern Studies; Director, Schusterman Center for Jewish Studies, Schusterman Center for Jewish Studies
PhD, Harvard University, 2010
Vadim Kaplunovsky, Professor, Department of Physics
PhD, Tel Aviv University, 1984
John W Kappelman Jr, Professor, Department of Anthropology; Professor, Department of Geological Sciences
PhD, Harvard University, 1987
Andreas Karch, Professor, Department of Physics
MA, University of Texas at Austin, 1996
Alex Karner, Associate Professor, School of Architecture

PhD, University of California-Davis, 2012
Lynn E Katz Hussein M. Alharthy Centennial Chair in Civil Engineering, Hussein M. Alharthy Centennial Professorship in Civil Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering; Director (Academic),
PhD, University of Michigan-Ann Arbor, 1993
Jasdeep Kaur, Assistant Professor, Department of Kinesiology and Health Education
PhD, Wayne State University, 2016
Elizabeth L Keating, Faculty Associate; Professor, Department of Anthropology; Professor, Department of Linguistics
PhD, University of California-Los Angeles, 1994
Adrian T Keatinge-Clay, Associate Professor, Department of Molecular Biosciences
PhD, University of California-San Francisco, 2004
Sean M Keel Frank E. Gerth III Faculty Fellowships, Professor,
Department of Mathematics
PhD, University of Chicago, 1989
Ward W Keeler, Professor, Department of Anthropology
PhD, University of Chicago, 1982
Timothy H Keitt The William H. and Gladys G. Reeder Fellowship in Ecology, Professor, Department of Integrative Biology
PhD, University of New Mexico Main Campus, 1995
Benjamin Keith Keitz, Assistant Professor, Department of Chemical Engineering
PhD, California Institute of Technology, 2013
Stuart David Kelban, Associate Professor, Department of Radio-Television-Film
MFA, University of Virginia, 1989
Brian T Keller, Assistant Professor, Department of Educational Psychology
PhD, University of California-Los Angeles, 2019
Melessa Kelley, Assistant Professor, School of Nursing
PhD, Florida Atlantic University, 2016
William R Kelly, Professor, Department of Sociology
PhD, Indiana University at Bloomington, 1979
Orlando R Kelm, Faculty Associate-ELC; Associate Professor, Department
of Spanish and Portuguese; Associate Professor, Department of Marketing
PhD, University of California-Berkeley, 1989
Deena Kemp, Assistant Professor, Stan Richards School of Advertising and Public Relations
MA, University of South Florida, 2007
Melissa Kemp, Assistant Professor, Department of Integrative Biology; Assistant Professor, Department of Geological Sciences
PhD, Stanford University, 2015
Charles Kerans Robert K. Goldhammer Chair in Carbonate Geology, Professor, Department of Geological Sciences; Professor, Bureau of Economic Geology; Program Director (Academic),
PhD, Carleton University, 1982
Shelli Kesler, Associate Professor, School of Nursing; Associate Professor of Diagnostic Medicine, Department of Diagnostic Medicine; Associate Professor of Oncology, Department of Oncology

PhD, Brigham Young University, 2000
Richard A Ketcham The First Mr. and Mrs. Charles E. Yager
Professorship, Professor, Department of Geological Sciences
PhD, University of Texas at Austin, 1995
John W Keto, Professor, Department of Physics
PhD, University of Wisconsin-Madison, 1972
Martin W Kevorkian, Professor, Department of English
PhD, University of California-Los Angeles, 2000
Urooj Khan Deloitte \& Touche Centennial Faculty Fellowship in Accounting (No. 1), Associate Professor, Department of Accounting PhD, University of Washington - Seattle, 2009

Sarfraz Khurshid, Professor, Department of Electrical and Computer Engineering
PhD, Massachusetts Institute of Technology, 2004
Dawit Kidane-Mulat, Assistant Professor, College of Pharmacy; Assistant Professor, Department of Pediatrics
PhD, Albert Ludwig University Freiburg im Breisgau, 2005
Joseph David Kileel, Assistant Professor, Department of Mathematics;
Core Faculty,
PhD, University of California-Berkeley, 2017
Can Kilic, Associate Professor, Department of Physics
PhD, Harvard University, 2006
Grace MyHyun Kim, Assistant Professor, Department of Curriculum and Instruction
PhD, University of California-Berkeley, 2017
Hyeji Kim, Assistant Professor, Department of Electrical and Computer Engineering
PhD, Stanford University, 2016
Hyun Jung Kim, Assistant Professor, Department of Biomedical Engineering; Assistant Professor, Department of Oncology
PhD, Yonsei University, 2005
Jonghwan Kim, Associate Professor, Department of Molecular

## Biosciences

PhD, University of Texas at Austin, 2005
Miyong Kim Maureen Healy Decherd '73 Distinguished Professorship in Nursing, Professor, School of Nursing; Professor, Department of Population Health; Associate Vice President, PhD, University of Arizona, 1996

Su Yeong Kim, Professor, Department of Human Development and Family Sciences; Professor, Center for Women's and Gender Studies PhD, University of California-Davis, 2003

Carey W King, Assistant Professor of Instruction, Department of Business, Government and Society; Assistant Professor of Instruction, Lyndon B Johnson School of Public Affairs; Research Scientist, PhD, University of Texas at Austin, 2004

Spyridon A Kinnas, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, Massachusetts Institute of Technology, 1985
Kerry A Kinney L. P. Gilvin Centennial Professorship in Civil Engineering, Professor, Department of Civil, Architectural, and Environmental
Engineering; Professor, Department of Population Health
PhD, University of California-Davis, 1996

Mary Jo Kirisits J. Neils Thompson Centennial Teaching Fellowship in Civil Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of Illinois at Urbana-Champaign, 2000
Edward C Kirk, Professor, Department of Anthropology PhD, Duke University, 2003

Mark A Kirkpatrick T. S. Painter Centennial Professorship in Genetics, Professor, Department of Integrative Biology
PhD, University of Washington - Seattle, 1983
Dale E Klein Frank and Kay Reese Endowed Professorship in Engineering, Professor, Department of Mechanical Engineering; Other University Affiliate,
PhD, University of Missouri - Columbia, 1977
Susan R Klein Alice McKean Young Regents Chair in Law, Professor, School of Law
JD, University of California-Berkeley, 1989
Brendan Andrew Kline, Associate Professor, Department of Economics PhD, Northwestern University, 2012

Joanna Klink, Adjunct Professor, James A Michener Center for Writers PhD, Johns Hopkins University, 2002

Adam R Klivans, Information for Machine Learning Director; Professor, Department of Computer Science
PhD, Massachusetts Institute of Technology, 2002
Gregory W Knapp, Associate Professor Emeritus, Department of Geography and the Environment
PhD, University of Wisconsin-Madison, 1984
Daniel F Knopf, Professor, Department of Mathematics; Associate Dean, College of Natural Sciences
PhD, University of Wisconsin-Milwaukee, 1999
Eric Knuth, Professor, Department of Curriculum and Instruction PhD, University of Colorado at Boulder, 1999

Hans A Koch, Professor, Department of Mathematics PhD, University of Geneva, 1979

Kara Kockelman DeWitt C. Greer Centennial Professorship in
Transportation Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of California-Berkeley, 1998
Daniel Koehler, Assistant Professor, School of Architecture PhD, University of Innsbruck, 2015

Jim M Koeller Eli Lilly and C. R. Sublett Centennial Fellowship in Pharmacy, Professor, College of Pharmacy
MS, University of Wisconsin-Madison, 1980
Harold Willis Kohl III, Research Professor, Department of Kinesiology and Health Education; UTH Health affiliated worker,
PhD, University of Texas Health Science Center at Houston, 1993
Dale A Koike, Professor Emeritus, Department of Spanish and Portuguese PhD, University of New Mexico Main Campus, 1981

Prabhudev C Konana, Distinguished Teaching Professor Emeritus, Department of Information, Risk, and Operations Management PhD, University of Arizona, 1995

Lisa L Koonce Deloitte \& Touche Chair in Accounting, Professor, Department of Accounting

PhD, University of Illinois at Urbana-Champaign, 1990
Robert C Koons, Professor, Department of Philosophy
PhD, University of California-Los Angeles, 1987
Brian A Korgel Rashid Engineering Regents Chair, Energy Institute Director; Professor, Department of Chemical Engineering; Professor, School of Design and Creative Technologies; Professor, Department of Art and Art History
PhD, University of California-Los Angeles, 1997

David D Kornhaber, Associate Professor, Department of English PhD, Columbia University in the City of New York, 2009

Donna Marie Kornhaber, Associate Professor, Department of English PhD, Columbia University in the City of New York, 2009

Rajinder Koul Houston Harte Centennial Professorship in
Communication, Professor, Department of Speech, Language, and Hearing Sciences
PhD, Purdue University Main Campus, 1994

Desiderio Kovar The BFGoodrich Endowed Professorship in Materials Engineering, Professor, Department of Mechanical Engineering PhD, Carnegie Mellon University, 1995

Mikiya Koyagi, Assistant Professor, Department of Middle Eastern Studies
PhD, University of Texas at Austin, 2015

Philipp Kraehenbuehl, Assistant Professor, Department of Computer
Science
PhD, Stanford University, 2014
Adam Levi Kraus, Associate Professor, Department of Astronomy PhD, California Institute of Technology, 2009

Michael J Krische The Robert A. Welch Chair in Science, Professor, Department of Chemistry
PhD, Stanford University, 1997

Samuel Arthur Kruger, Assistant Professor, Department of Finance PhD, Harvard University, 2014

Matthew R Kubic, Assistant Professor, Department of Accounting MAcc, Texas Christian University, 2009

Jaydeep Prakash Kulkarni, Assistant Professor, Department of Electrical and Computer Engineering
PhD, Purdue University Main Campus, 2009
Amit Kumar, Assistant Professor, Department of Marketing; Assistant Professor, Department of Psychology
PhD, Cornell University, 2015
Krishna Kumar, Assistant Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of Cambridge, 2015
Manish Kumar Mr. N. Doug Williams Memorial Centennial Fellowship in Engineering, Associate Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of Illinois at Urbana-Champaign, 2010
Pawan Kumar Edward Randall, Jr., M.D. Centennial Professorship in Astronomy, Professor, Department of Astronomy
PhD, California Institute of Technology, 1988

Shanti Kumar, Associate Professor, Department of Radio-TelevisionFilm; Associate Professor, Center for Asian American Studies; Associate Professor, Department of Asian Studies
PhD, Indiana University at Bloomington, 1987
Paul D Kunz, Adjunct Associate Professor, Department of Physics DSc, University of Colorado at Boulder, 2013

John S Kuo, Professor of Medicine, Department of Oncology; Professor of Medicine, Dell Medical School
PhD, Massachusetts Institute of Technology, 1998
Alan J Kuperman, Associate Professor, Lyndon B Johnson School of Public Affairs
PhD, Massachusetts Institute of Technology, 2002
Erhan Kutanoglu, Associate Professor, Department of Mechanical Engineering
PhD, Lehigh University, 1999
Jung Kwak, Associate Professor, School of Nursing; Associate Professor, Department of Health Social Work
PhD, University of South Florida, 2006
J Richard Kyle The Third Mr. and Mrs. Charles E. Yager Professorship, Professor, Department of Geological Sciences; Professor, Bureau of Economic Geology
PhD, University of Western Ontario, 1977
Stelios Kyriakides John Webb Jennings Chair in Engineering, Professor, Department of Aerospace Engineering and Engineering Mechanics; Director (Academic),
PhD, California Institute of Technology, 1980
Pablo Laguna, Affiliated Faculty, Oden Institute; Professor, Department of Physics
PhD, University of Texas at Austin, 1987
Guoming Lai Tom E. Nelson, Jr. Regents Professorship in Business, Professor, Department of Information, Risk, and Operations Management PhD, Carnegie Mellon University, 2009

Keji Lai, Associate Professor, Department of Physics
PhD, Princeton University, 2006
Larry W Lake Shahid and Sharon Ullah Endowed Chair in Petroleum and Geosystems Engineering, Professor, Department of Petroleum and Geosystems Engineering
PhD, Rice University, 1973
Sophie Lalande, Assistant Professor, Department of Kinesiology and Health Education
PhD, University of Auckland, 2008
Yui-Wing F Lam James O. Burke Centennial Fellowship in Pharmacy, Clinical Associate Professor, College of Pharmacy
PharmD, University of Minnesota-Twin Cities, 1984
Alan Lambowitz Mr. and Mrs. A. Frank Smith, Jr. Regents Chair in Molecular Biology, Professor, Department of Molecular Biosciences; Professor of Oncology, Department of Oncology
PhD, Yale University, 1972
Chad Matthew Landis T. U. Taylor Professorship in Engineering, Faculty Associate-ENGR; Professor, Department of Aerospace Engineering and Engineering Mechanics
PhD, University of California-Santa Barbara, 1999

Sheldon Landsberger Robert B. Trull Chair in Engineering, Professor,
Department of Mechanical Engineering
PhD, University of Toronto, 1982
Karol Lang Jane and Roland Blumberg Professorship in Physics, Professor, Department of Physics
PhD, University of Rochester, 1985
Judith H Langlois, Professor Emeritus, Department of Psychology PhD, Louisiana State University and Agricultural and Mechanical College, 1973

R David LANKES Virginia and Charles Bowden Endowed Professorship in Librarianship, Professor, School of Information
PhD, Syracuse University Main Campus, 1999
Fernando Luiz Lara Roland Gommel Roessner Centennial Professorship in Architecture, Professor, School of Architecture
PhD, University of Michigan-Ann Arbor, 2001
Peter N LaSalle Susan Taylor McDaniel Regents Professorship in Creative Writing \#2, Professor, Department of English
MA, University of Chicago, 1972
John C Lassiter, Professor, Department of Geological Sciences PhD, University of California-Berkeley, 1995

Stephen E Laubach, Lecturer, Department of Geological Sciences; Senior Research Scientist,
PhD, University of Illinois at Urbana-Champaign, 1986
Barbara Laubenthal, Adjunct Associate Professor, Department of Germanic Studies
PhD, Justus Liebig University Giessen, 2006
David A Laude, Faculty Associate; Professor, Department of Chemistry PhD, University of California-Riverside, 1984

Jennifer E Laurin Wright C. Morrow Professorship in Law, Professor, School of Law
JD, Columbia University in the City of New York, 2003
Volker Laux Aubrey and Elsie Fariss Professorship in Accounting, Professor, Department of Accounting
PhD, Johann Wolfgang Goethe University, 2003
Luc L Lavier, Professor, Department of Geological Sciences; Professor, Institute for Geophysics
PhD, Columbia University in the City of New York, 1999
Sam Lavigne, Assistant Professor, School of Design and Creative Technologies
MPS, New York University, 2015
Daniel A Law, Faculty Associate - AAH; Associate Professor, Department of Linguistics; Associate Professor, Department of Anthropology PhD, University of Texas at Austin, 2011

Desmond F Lawler, Distinguished Teaching Professor Emeritus, Department of Civil, Architectural, and Environmental Engineering PhD, University of North Carolina at Chapel Hill, 1980

Mark A Lawrence, Associate Professor, Department of History PhD, Yale University, 1998

Kenneth A Lawson Smithkline Centennial Professorship in Pharmacy, Professor, College of Pharmacy
PhD, University of Texas at Austin, 1992

Daniel J Leahy Nancy Lee and Perry R. Bass Regents Chair in Molecular Biology, Professor, Department of Molecular Biosciences
PhD, Stanford University, 1988
David L Leal, Professor, Department of Government; Professor, Center for Mexican American Studies; Professor, Department of Religious Studies PhD, Stanford University, 1998

Matthew Alan Lease, Associate Professor, School of Information; Associate Professor, Department of Computer Science PhD, Brown University, 2009

Amy Lee, Professor, Department of Neuroscience PhD, University of Virginia, 1998

Grace Lee, Assistant Professor, College of Pharmacy
PhD, University of Texas at Austin, 2016
Hongjoo Joanne Lee, Associate Professor, Department of Psychology PhD, Yale University, 2002

Jack C Lee Cullen Trust for Higher Education Endowed Professorship in Engineering \#4, Professor, Department of Electrical and Computer Engineering
PhD, University of California-Berkeley, 1988
Min Kyung Lee, Faculty Associate; Assistant Professor, School of Information
PhD, Carnegie Mellon University, 2013
Seongmin Lee Jaime N. Delgado Endowed Chair in Pharmacy, Associate Professor, College of Pharmacy; Associate Professor, Department of Oncology
PhD, Purdue University Main Campus, 2004
Talitha L LeFlouria, Associate Professor, Department of History; Associate Professor, John L Warfield Center for African and African American Studies; Associate Professor, Department of African and African Diaspora Studies
PhD, Howard University, 2009
Cristine H Legare, Professor, Department of Psychology
PhD, University of Michigan-Ann Arbor, 2008
Benjamin D Leibowicz, Assistant Professor, Department of Mechanical Engineering
PhD, Stanford University, 2016
Heather Leidy, Associate Professor, Department of Nutritional Sciences; Associate Professor, Department of Pediatrics
PhD, Pennsylvania State University Park, 2004
Fernanda Lustosa Leite John A. Focht Centennial Teaching Fellowship in Civil Engineering, Faculty Associate; Associate Professor, Department of Civil, Architectural, and Environmental Engineering
DPhil, Carnegie Mellon University, 2009
Alain Lemaire, Assistant Professor, Department of Marketing MPhil, Columbia University in the City of New York, 2017

Yan Leng, Assistant Professor, Department of Information, Risk, and Operations Management
MS, Massachusetts Institute of Technology, 2016
Erin Lentz, Associate Professor, Lyndon B Johnson School of Public Affairs
MS, Cornell University, 2005
Janice Leoshko, Associate Professor, Department of Art and Art History; Associate Professor, Department of Asian Studies

PhD, Ohio State U Main Campus, 1987
Rosemary Anne Lester-Smith, Assistant Professor, Department of Speech, Language, and Hearing Sciences
PhD, University of Arizona, 2014
Lorraine Leu, Professor, John L Warfield Center for African and African American Studies; Professor, Department of Spanish and Portuguese PhD, King's College, University of London, 2000

Donald A Levin, Professor, Department of Integrative Biology PhD, University of Illinois at Urbana-Champaign, 1964

Philippa Judith Levine Walter Prescott Webb Chair in History and Ideas, Jo Anne Christian Centennial Professorship in British Studies, Professor, Department of History; Professor, Center for Women's and Gender Studies
PhD, University of Oxford, 1984
Sanford V Levinson W. St. John Garwood and W. St. John Garwood, Jr. Centennial Chair in Law, Professor, School of Law; Professor, Department of Government
JD, Stanford University, 1973
Brian D Lewis David and Mary Winton Green Chair in String Performance and Pedagogy, Professor, Sarah and Ernest Butler School of Music MM, The Juilliard School, 1993

Hannah Lewis, Associate Professor, School of Design and Creative Technologies; Associate Professor, Sarah and Ernest Butler School of Music
PhD, Harvard University, 2014
Marc S Lewis, Associate Professor, Department of Psychology PhD, University of Cincinnati Main Campus, 1973

Randolph R Lewis, Professor, Department of American Studies; Professor, Department of Anthropology
PhD, University of Texas at Austin, 1994
Rebecca J Lewis, Professor, Department of Anthropology PhD, Duke University, 2004

Richard M Lewis, Professor, Department of Radio-Television-Film MFA, University of Texas at Austin, 1994

William L Lewis, Professor, Sarah and Ernest Butler School of Music BM, Texas Christian University, 1967

Jarrod Alan Lewis-Peacock, Associate Professor, Department of Psychology; Associate Professor, Department of Psychiatry; Associate Professor, Department of Neuroscience
PhD, University of Wisconsin-Madison, 2010
Cha Li, Assistant Professor, Department of Management PhD, University of Michigan-Ann Arbor, 2021

Huaiyin Li, Professor, Department of History; Professor, Department of Asian Studies
PhD, University of California-Los Angeles, 2000
Jessy Li, Faculty Associate; Assistant Professor, Department of Linguistics
PhD, University of Pennsylvania, 2017
Jiabao Li, Assistant Professor, School of Design and Creative
Technologies
MDES, Harvard University, 2018
Kathleen T Li, Assistant Professor, Department of Marketing

MS, University of Pennsylvania, 2014
Wei Li Bob R. Dorsey Professorship in Engineering, Professor,
Department of Mechanical Engineering
PhD, University of Michigan-Ann Arbor, 1999
Xiaoqin Li, Professor, Department of Physics
PhD, University of Michigan-Ann Arbor, 2003
Xiuling Li Temple Foundation Endowed Professorship No. 3, Professor, Department of Electrical and Computer Engineering; Professor, Department of Chemistry PhD, University of California-Los Angeles, 1993

Yang Li, Assistant Professor, School of Nursing PhD, University of Michigan-Ann Arbor, 2018

Tatjana Lichtenstein, Associate Professor, Department of History; Associate Professor, Department of Slavic and Eurasian Studies PhD, University of Toronto, 2009

Phoebe Lickwar, Associate Professor, School of Architecture MLA, Rhode Island School of Design, 2006

Katherine E Lieberknecht, Assistant Professor, School of Architecture PhD, Cornell University, 2008

Kenneth M Liechti, Professor Emeritus, Department of Aerospace Engineering and Engineering Mechanics
PhD, California Institute of Technology, 1980
Howard M Liljestrand, Faculty Associate-ENGR; Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, California Institute of Technology, 1980
Stephen T Limberg PricewaterhouseCoopers Centennial Professorship in Accounting, Professor, Department of Accounting; Professor of Medical Education, Department of Medical Education
PhD, Arizona State University Main, 1982
Calvin Lin, Faculty Lead - CS 302; Professor, Department of Computer Science
PhD, University of Washington - Seattle, 1992
Jung-Fu Lin Total E\&P USA Petroleum Faculty Fellowship in Geological Sciences, Professor, Department of Geological Sciences
PhD, University of Chicago, 2002
Ken-Hou Lin, Associate Professor, Department of Sociology; Associate Professor, Program in the Human Dimensions of Organizations PhD, University of Massachusetts, 2013

Tse-Min Lin, Associate Professor, Department of Government PhD, University of Minnesota-Twin Cities, 1990

Yi-Chih Lin, Assistant Professor, Department of Chemistry PhD, University of Pennsylvania, 2017

Leigh L Linden, Associate Professor, Department of Economics; Associate Professor, Lyndon B Johnson School of Public Affairs; Associate Professor, Center for Women's and Gender Studies PhD, Massachusetts Institute of Technology, 2004

Craig R Linder, Associate Professor, Department of Integrative Biology PhD, Brown University, 1984

Naomi E Lindstrom Gale Family Foundation Professorship in Jewish Arts and Culture, Professor, Department of Spanish and Portuguese PhD, Arizona State University Main, 1974

Antonio Linero, Assistant Professor, Department of Statistics and Data Sciences
PhD, University of Florida, 2015
Elizabeth Thomas Cox Lippard, Assistant Professor of Psychiatry, Department of Psychiatry
PhD, University of North Carolina at Chapel Hill, 2012
Jon E Litland, Associate Professor, Department of Philosophy PhD, Harvard University, 2012

Angela K Littwin Ronald D. Krist Professorship in Law, Professor, School of Law
JD, Harvard University, 2002
Amy H Liu, Associate Professor, Department of Government PhD, Emory University, 2009

Beili Liu Leslie Waggener Professorship in the College of Fine Arts, Professor, Department of Art and Art History
MFA, University of Michigan-Ann Arbor, 2003
Chang Liu, Professor, Department of Speech, Language, and Hearing Sciences
PhD, Indiana University at Bloomington, 2002
Hung-Wen Liu George H. Hitchings Regents Chair in Drug Design, Professor, College of Pharmacy; Professor, Department of Chemistry PhD, Columbia University in the City of New York, 1981

Min Liu, Professor, Department of Curriculum and Instruction EdD, West Virginia University, 1992

Qiang Liu Computer Sciences Endowed Faculty Fellowship No. 7, Assistant Professor, Department of Computer Science PhD, University of California-Irvine, 2014

Yuanyue Liu, Assistant Professor, Department of Mechanical Engineering PhD, Rice University, 2014

Zhanfei Liu, Associate Professor, Department of Marine Science PhD, State University of New York at Stony Brook, 2006

Keith A Livers, Associate Professor, Department of Slavic and Eurasian Studies
PhD, University of Michigan-Ann Arbor, 1995
Fernando Llanos Lucas, Assistant Professor, Department of Linguistics PhD, Purdue University Main Campus, 2016

Alan M Lloyd, Professor, Department of Molecular Biosciences PhD, Stanford University, 1993

Alessia Lodi, Assistant Professor, Department of Nutritional Sciences PhD, Ohio State U Main Campus, 2006

James N Loehlin Shakespeare at Winedale Regents Professorship,
Professor, Department of English
PhD, Stanford University, 1993
Kristie J Loescher, Instructor of Medical Education, Department of Medical Education; Assistant Dean, Red McCombs School of Business; Associate Professor of Instruction, Department of Management; Director, Healthcare Initiative,
PhD, Nova Southeastern University, 2004
Christopher A Long Martin S. Kermacy Centennial Professorship in Architecture, Professor, School of Architecture
PhD, University of Texas at Austin, 1993

Mark G Longaker, Faculty Associate; Professor, Department of Rhetoric and Writing; Professor, Department of Communication Studies; Professor, Department of English
PhD, Pennsylvania State University Main Campus, 2003
Raul G Longoria General Motors Foundation Centennial Teaching
Fellowship in Mechanical Engineering, Professor, Department of
Mechanical Engineering; Faculty Associate-ENGR,
PhD, University of Texas at Austin, 1989
Belem G Lopez, Assistant Professor, Department of Mexican American and Latino/a Studies; Assistant Professor, Department of Psychology; Assistant Professor, Department of Spanish and Portuguese PhD, Texas A \& M University, 2015

Sarah L Lopez Page Southerland Page Fellowship in Architecture, Associate Professor, School of Architecture
PhD, University of California-Berkeley, 2011
Elma Ines Lorenzo-blanco, Assistant Professor, Department of Human Development and Family Sciences
PhD, University of Michigan-Ann Arbor, 2013
Robert G Loucks, Senior Research Scientist,
PhD, University of Texas at Austin, 1976
William R Louis, Distinguished Teaching Professor Emeritus, Department of History
PhD, University of Oxford, 1962
Alexandra Loukas Barbie M. and Gary L. Coleman Professorship in Education, Professor, Department of Kinesiology and Health Education; Associate Dean, College of Education PhD, Michigan State University, East Lansing, 1997

Brad Love, Faculty Associate; Associate Professor, Stan Richards School of Advertising and Public Relations
PhD, Michigan State University, East Lansing, 2007
John Ronald Lowe Joseph H. Blades Centennial Memorial Professorship in Nursing, Professor, School of Nursing
PhD, University of Miami, 1996
James Richard Lowery Jr, Associate Director; Associate Professor, Department of Finance
PhD, Carnegie Mellon University, 2009
Nanshu Lu Temple Foundation Endowed Teaching Fellowship in Engineering No. 1, Associate Professor, Department of Aerospace Engineering and Engineering Mechanics; Associate Professor, Department of Biomedical Engineering; Associate Professor, Department of Mechanical Engineering; Associate Professor, Department of Electrical and Computer Engineering
PhD, Harvard University, 2009
Rongze Lu, Assistant Professor, Department of Neurosurgery; Assistant Professor of Oncology, Department of Oncology; Assistant Professor, College of Pharmacy
PhD, City of Hope, 2011
Ruochen Lu, Assistant Professor, Department of Electrical and Computer Engineering
PhD, University of Illinois at Urbana-Champaign, 2019
Xiaobo Lu, Associate Professor, Department of Government PhD, Yale University, 2011

Yi Lu Richard J. V. Johnson - Welch Regents Chair in Chemistry, Professor, Department of Chemistry

PhD, University of California-Los Angeles, 1992
Yingda Lu, Assistant Professor, Department of Petroleum and Geosystems Engineering
PhD, University of Michigan-Ann Arbor, 2015
Martin Joseph Luby, Associate Professor, Lyndon B Johnson School of Public Affairs
PhD, Indiana University at Bloomington, 2010
Kristin Lucas, Assistant Professor, Department of Art and Art History MFA, Stanford University, 2006

John E Luecke, Professor, Department of Mathematics
PhD, University of Texas at Austin, 1985
Mirza J Lugo-Neris, Clinical Assistant Professor, Department of Speech, Language, and Hearing Sciences
PhD, University of Texas at Austin, 2016
Josephine Lukito, Assistant Professor, School of Journalism and Media MA, Syracuse University Main Campus, 2015

Ayelet Haimson Lushkov, Faculty Associate; Associate Professor, Department of Classics
PhD, Yale University, 2009
Robert C Luskin, Professor, Department of Government PhD, University of Michigan-Ann Arbor, 1983

Nathaniel Lynd The Laurence E. McMakin, Jr. Centennial Fellowship in Chemical Engineering, Associate Professor, Department of Chemical Engineering
PhD, University of Minnesota-Twin Cities, 2007
Kirk E Lynn, Associate Professor, Department of Theatre and Dance MFA, University of Texas at Austin, 2004

Ji Ma, Assistant Professor, Lyndon B Johnson School of Public Affairs MA, Beijing Normal University, 2013

Allan H Macdonald Sid W. Richardson Foundation Regents Chair in Physics \#1, Professor, Department of Physics
PhD, University of Toronto, 1978
Paul M Macdonald, Professor Emeritus, Department of Molecular

## Biosciences

PhD, Vanderbilt University, 1983
Edward Allen MacDuffie III, Associate Professor, Department of English PhD, Harvard University, 2006

Randy B Machemehl Nasser I. Al-Rashid Centennial Professorship in Transportation Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of Texas at Austin, 1975
Carol H MacKay J. R. Millikan Centennial Professorship in English Literature, Professor, Department of English; Professor, Center for Women's and Gender Studies
PhD, University of California-Los Angeles, 1979
Michael S Mackert John P. McGovern Regents Professorship in Health and Medical Science Communication, Professor, Stan Richards School of Advertising and Public Relations; Professor, Department of Population Health; Director of the Center for Health Communication, PhD, Michigan State University, East Lansing, 2006

Patricia Maclachlan Mitsubishi Heavy Industries Professorship in Japanese Studies, Professor, Department of Government; Professor, Department of Asian Studies
PhD, Columbia University in the City of New York, 1996
Tia Madkins, Assistant Professor, Department of Curriculum and Instruction
PhD, University of California-Berkeley, 2016
Raul L Madrid Harold C. and Alice T. Nowlin Regents Professorship in Liberal Arts, Professor, Department of Government; Professor, Center for Mexican American Studies
PhD, Stanford University, 1999
Sandy Magana Professorship in Autism and Neurodevelopmental Disabilities, Professor, School of Social Work; Professor, Department of Mexican American and Latino/a Studies; Professor, Department of Pediatrics; Professor, Department of Health Social Work
PhD, Brandeis University, 1999
Stephen P Magee James L. Bayless/Enstar Corp. Chair in Business Administration, Professor, Department of Finance; Professor, Department of Economics
PhD, Massachusetts Institute of Technology, 1969
Alison Maggart, Assistant Professor of Instruction, Sarah and Ernest Butler School of Music
PhD, University of Southern California, 2017
Francesco Maggi Joe B. and Louise Cook Professorship in Mathematics, Professor, Department of Mathematics
PhD, Universita degli Studi di Roma La Sapienza, 2004
Lori A Magruder Myron L. Begeman Fellowship in Engineering, Associate Professor, Department of Aerospace Engineering and Engineering Mechanics; Associate Professor, Applied Research Laboratories PhD, University of Texas at Austin, 2001

Vijay Mahajan John P. Harbin Centennial Chair in Business, Professor, Department of Marketing
PhD, University of Texas at Austin, 1975
Kyle Mahowald, Assistant Professor, Department of Linguistics PhD, Massachusetts Institute of Technology, 2016

Nabanjan Maitra, Assistant Professor of Instruction, Department of Asian Studies
MA, University of Chicago, 2012
Ann Majewicz Fey Robert and Francis Stark Centennial Fellowship in Engineering, Associate Professor, Department of Mechanical Engineering; Associate Professor of Surgery and Perioperative Care, Department of Surgery and Perioperative Care
PhD, Stanford University, 2014
Dmitrii E Makarov, Professor, Department of Chemistry; Core Faculty, PhD, Semenov Institute of Chemical Physics, 1992

Molly Beth Malcolm, Professor of Practice, Department of Educational Leadership and Policy
EdD, University of Texas at Austin, 2013
Matthew Alan Malkowski, Assistant Professor, Department of Geological Sciences
PhD, Stanford University, 2016
Madhavi Mallapragada, Associate Professor, Department of Radio-Television-Film; Associate Professor, Center for Asian American Studies; Associate Professor, Department of Asian Studies

PhD, University of Wisconsin-Madison, 2003
Eric S Mallin, Professor, Department of English
PhD, Stanford University, 1986
Beth Maloch Elizabeth Shatto Massey Endowed Chair in Education, Associate Dean, College of Education; Professor, Department of Curriculum and Instruction
PhD, Vanderbilt University, 2000
Filippo Mangolini, Assistant Professor, Department of Mechanical Engineering
PhD, Universitat Zurich, 2011
Mohammed Maniruzzaman, Assistant Professor, College of Pharmacy PhD, University of Greenwich, 2013

Schonna R Manning, Research Assistant Professor, Department of Molecular Biosciences
PhD, University of Texas at Austin, 2010
Arumugam Manthiram Cockrell Family Regents Chair in Engineering \#5, Professor, Department of Mechanical Engineering; Director Research Unit, Texas Materials Institute
PhD, Indian Institute of Technology - Chennai, 1980
Lance Manuel Texas Atomic Energy Research Foundation Professorship in Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering; Program Director (Academic),
PhD, Stanford University, 1993
Edward M Marcotte Mr. and Mrs. Corbin J. Robertson, Sr. Regents Chair in Molecular Biology \#1, Professor, Department of Molecular Biosciences PhD, University of Texas at Austin, 1995

Diana Marculescu Motorola Regents Chair in Electrical and Computer Engineering \#2, Cockrell Family Chair for Departmental Leadership \#5, Professor, Department of Electrical and Computer Engineering PhD, University of Southern California, 1998

Radu Marculescu Laura Jennings Turner Chair in Engineering, Professor, Department of Electrical and Computer Engineering
PhD, University of Southern California, 1998
Michael P Marder, Faculty Associate; Associate Dean, UTeach-Natural Sciences; Professor, Department of Physics
PhD, University of California-Santa Barbara, 1986
Michela Marinelli, Associate Professor, Department of Neuroscience; Associate Professor, Department of Psychiatry; Associate Professor, College of Pharmacy; Associate Professor, Department of Neurology PhD, Universite Victor Segalen, Bordeaux II, 1997

Christina Markert, Professor, Department of Physics
PhD, Johann Wolfgang Goethe University, 2001
John T Markert, Professor, Department of Physics; Instructor of Record PHY 302L,
PhD, Cornell University, 1987
Mia K Markey Cullen Trust for Higher Education Endowed Professorship in Engineering \#1, Professor, Department of Biomedical Engineering; Professor, Center for Women's and Gender Studies; Professor of Oncology, Department of Oncology; Professor of Diagnostic Medicine, Department of Diagnostic Medicine
PhD, Duke University, 2002
Arthur B Markman Annabel Irion Worsham Centennial Professorship in Liberal Arts, Faculty Associate- HR Learning \& Development; Professor,

Department of Psychology; Professor, Department of Marketing; Professor, Program in the Human Dimensions of Organizations PhD, University of Illinois at Urbana-Champaign, 1992

Richard S Markovits The John B. Connally Chair in Law, Professor, School of Law
PhD, University of London, 1966
Victoria Marone, Assistant Professor, Department of Economics MA, Northwestern University, 2015

Jill A Marshall Elizabeth Glenadine Gibb Teaching Fellowship in Mathematics Education, Maxine Foreman Zarrow Endowed Faculty Fellowship in Education, Associate Professor, Department of Curriculum and Instruction
PhD, University of Texas at Austin, 1984
Stephen H Marshall, Associate Professor, Department of American Studies; Associate Professor, Department of African and African Diaspora Studies; Associate Professor, John L Warfield Center for African and African American Studies
PhD, Harvard University, 2002
Leticia Junqueira Marteleto, Professor, Department of Sociology; Professor of Population Health, Department of Population Health PhD, University of Michigan-Ann Arbor, 2001

Stephen F Martin M. June and J. Virgil Waggoner Regents Chair in Chemistry, Professor, Department of Chemistry
PhD, Princeton University, 1972
Rowan Clare Martindale Joyce Bowman Payne Centennial Teaching Fellowship, Associate Professor, Department of Geological Sciences PhD, University of Southern California, 2012

Alberto A Martinez, Professor, Department of History PhD, University of Minnesota-Twin Cities, 2001

Charles Martinez Sid W. Richardson Regents Chair in Community College Leadership, Lee Hage Jamail Regents Chair in Education, Professor, Department of Educational Psychology; Dean, College of Education; Professor, Department of Kinesiology and Health Education; Professor, Department of Educational Leadership and Policy
PhD, Alliant International University-San Diego, 1997
Monica Munoz Martinez, Associate Professor, Department of History PhD, Yale University, 2012

Aloysius P Martinich, Professor Emeritus, Department of Philosophy PhD, University of California-San Diego, 1973

Luis D I Martins Herb Kelleher Chair in Entrepreneurship, James
B. Goodson Professorship in Business, Professor, Department of Management; Director, Herb Kelleher Center for Entrepreneurship, PhD, New York University, 1997

Per-Gunnar J Martinsson, Professor, Department of Mathematics; Professor, Institute for Computational Engineering and Science; Core Faculty,
PhD, University of Texas at Austin, 2002
Gesel Mason, Associate Professor, Department of Theatre and Dance; Associate Professor, Department of African and African Diaspora Studies MFA, University of Colorado at Boulder, 2013

Ashley Michelle Matheny, Assistant Professor, Department of Geological Sciences
PhD, Ohio State U Main Campus, 2016

Andreas Matouschek, Professor, Department of Molecular Biosciences;
Associate Dean, College of Natural Sciences
PhD, University of Cambridge, 1992
William Matsui Robert E. Askew, Sr., M.D. Chair in Oncology for Dell Medical School, Professor, Department of Oncology; Professor, Department of Medicine; Deputy Director of the LIVESTRONG Cancer Institutes,
MD, University of California-San Francisco, 1995
Mallory Emiko Matsumoto, Assistant Professor, Department of Religious Studies; Assistant Professor, Department of Anthropology
MA, Brown University, 2017
Ronald D Matthews, Professor Emeritus, Department of Mechanical Engineering
PhD, University of California-Berkeley, 1977
Tracie M Matysik, Associate Professor, Department of History PhD, Cornell University, 2001

Mikhail V Matz, Professor, Department of Integrative Biology PhD, Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, 1999

Richard A Matzner, Professor, Department of Physics
PhD, University of Maryland College Park, 1967
Michael Mauk, Faculty Associate Honors Spring 2022 Seminar; Professor, Department of Neuroscience
PhD, Stanford University, 1985
Despoina Mavridou, Assistant Professor, Department of Molecular Biosciences
DPhil, University of Oxford, 2009
Madeline M Maxwell, Professor Emeritus, Department of Communication Studies
PhD, University of Arizona, 1980
Roy D Mayfield, Research Professor, Department of Neuroscience; Research Professor, Waggoner Center for Alcohol and Addiction Research
PhD, University of Texas at Austin, 1990
Jennifer A Maynard Z. D. Bonner Professorship of Chemical Engineering, Professor, Department of Chemical Engineering
PhD, University of Texas at Austin, 2002
Leigh M McAlister Ed and Molly Smith Chair in Business Administration, Professor, Department of Marketing
PhD, Stanford University, 1978
Christopher J McCarthy, Professor, Department of Educational Psychology; Faculty Ombudsperson,
PhD, Georgia State University, 1995
Jennifer McClearen Dads' Association Centennial Teaching Fellowship \#1, Assistant Professor, Department of Radio-Television-Film PhD, University of Washington - Seattle, 2017

James W McClelland, Professor, Department of Marine Science PhD, Boston University, 1998

Elizabeth McCracken James A. Michener Endowed Chair in Writing, Professor, Department of English
MFA, University of Iowa, 1990
Cynthia Ann Mccreery, Faculty Associate; Associate Professor, Department of Radio-Television-Film

BA, University of California-Santa Barbara, 2000
Eric Leon Mcdaniel, Faculty Associate; Associate Professor, Department of Government; Associate Professor, John L Warfield Center for African and African American Studies
PhD, University of Illinois at Urbana-Champaign, 2004
Patrick J McDonald, Associate Professor, Department of Government PhD, Ohio State U Main Campus, 2002

Kelly McDonough, Associate Professor, Department of Spanish and Portuguese
PhD, University of Minnesota-Twin Cities, 2010
Kathleen Oveta McElroy G. B. Dealey Regents Professorship in Journalism, Dan Rather Professorship in News and Guts, Department Chair, School of Journalism and Media
PhD, University of Texas at Austin, 2014
Thomas O McGarity William Powers, Jr. and Kim L. Heilbrun Chair in Tort Law, Professor, School of Law
JD, University of Texas at Austin, 1974
Matthew S McGlone, Professor, Department of Communication Studies; Professor, Center for Women's and Gender Studies; Faculty Associate, PhD, Princeton University, 1994

John M McInnis Second George H. Newlove Endowed Faculty Fellowship in Accounting, Professor, Department of Accounting
PhD, University of Iowa, 2008
Jason McLellan The Robert A. Welch Chair in Chemistry, Professor, Department of Molecular Biosciences
PhD, Johns Hopkins University, 2009
Richard E McMaster The Walter and Gina Ducloux Fine Arts Faculty Fellowship Endowment, Associate Professor of Practice, Department of Art and Art History
MFA, Arizona State University Main, 2008
Kenneth McMillan Admiral B. R. Inman Centennial Chair in Computing Theory, Professor, Department of Computer Science
PhD, Carnegie Mellon University, 1992
Mark E Mear Engineering Foundation Centennial Teaching Fellowship in Engineering No. 1, Professor, Department of Aerospace Engineering and Engineering Mechanics; Core Faculty,
PhD, Harvard University, 1986
Tip Meckel, Lecturer, Department of Geological Sciences; Senior Research Scientist,
PhD, University of Texas at Austin, 2003
Mona Mehdy, Associate Professor, Department of Molecular Biosciences PhD, University of California-San Diego, 1984

Richard P Meier Robert D. King Centennial Professorship of Liberal Arts, Professor, Department of Linguistics; Professor, Department of Psychology
PhD, University of California-San Diego, 1982
Jeffrey L Meikle Stiles Professorship in American Studies, Professor, Department of American Studies
PhD, University of Texas at Austin, 1977
Esther Melamed, Assistant Professor, Department of Neurology MD, University of California-Los Angeles, 2009

Martha Menchaca, Faculty Associate - VAC; Professor, Department of Anthropology; Professor, Center for Women's and Gender Studies; Professor, Center for Mexican American Studies
PhD, Stanford University, 1987
Sofian Merabet, Associate Professor, Department of Anthropology; Associate Professor, Center for Middle Eastern Studies; Associate Professor, Department of Middle Eastern Studies; Associate Professor, Center for Women's and Gender Studies
PhD, Columbia University in the City of New York, 2009
Rachel Davis Mersey Jesse H. Jones Centennial Professorship in Communication, Professor, School of Journalism and Media; Associate Dean, Moody College of Communication
PhD, University of North Carolina at Chapel Hill, 2007
Robert Messing M. June and J. Virgil Waggoner Chair in Molecular Biology, Professor, Department of Neuroscience; Professor, Department of Neurology; Professor, College of Pharmacy; Director (0379), MD, Stanford University, 1979

Cindy M Meston, Professor, Department of Psychology; Professor, Department of Psychiatry
PhD, University of British Columbia, 1995
Eric T Meyer Mary R. Boyvey Chair for Excellence, Louis T. Yule Regents Professorship in Library and Information Science, Dean, School of Information
PhD, Indiana University at Bloomington, 2007
Lauren A Meyers Denton A. Cooley Centennial Professorship in Zoology, Professor, Department of Integrative Biology; Professor, Department of Statistics and Data Sciences; Professor, Department of Population Health
PhD, Stanford University, 2000
Julia L Mickenberg, Professor, Department of American Studies;
Professor, Center for Women's and Gender Studies
PhD, University of Minnesota-Twin Cities, 2000
S J Mihic, Associate Professor, Department of Neuroscience; Associate
Professor, College of Pharmacy
PhD, University of Toronto, 1992
Risto P Miikkulainen, Professor, Department of Computer Science PhD, University of California-Los Angeles, 1990

Jose del R Millan Carol Cockrell Curran Chair in Engineering, Professor, Department of Electrical and Computer Engineering; Professor, Department of Neurology
PhD, Universitat Autonoma de Barcelona, 1992
Jennifer A Miller, Professor, Department of Geography and the Environment
PhD, San Diego State University, 2003
Kyle M Miller, Associate Professor, Department of Molecular Biosciences PhD, University College London, 2004

Delia Milliron Bill L. Stanley Endowed Leadership Chair in Chemical Engineering, T. Brockett Hudson Professorship in Chemical Engineering, Professor, Department of Chemical Engineering
PhD, University of California-Berkeley, 2004
Brian M Mills, Associate Professor, Department of Kinesiology and Health Education
PhD, University of Michigan-Ann Arbor, 2012
John R Mills, Professor, Sarah and Ernest Butler School of Music

DMA, University of Texas at Austin, 1998
Lillian Fawn Mills Beverly H. and William P. O'Hara Endowed Chair in Business, Centennial Chair in Business Education Leadership, Lois and Richard Folger Dean's Leadership Chair in the McCombs School of Business, Centennial Chair in Business Education Leadership, Professor, Department of Accounting; Dean, McCombs School of Business, Red McCombs School of Business
PhD, University of Michigan-Ann Arbor, 1996
Monica Jane Milonovich, Associate Professor of Instruction, Department of Nutritional Sciences
MS, Bowling Green State University, 1999
S Milovanovic-Bertram, Associate Professor, School of Architecture MArch, Harvard University, 1974

Julie A Minich, Faculty Associate; Associate Professor, Department of English; Associate Professor, Department of Mexican American and Latino/a Studies; Associate Professor, Center for Mexican American Studies; Associate Professor, Center for Women's and Gender Studies PhD, Stanford University, 2008

Steven Mintz, Professor, Department of History
PhD, Yale University, 1979
Daniel P Miranker, Professor, Department of Computer Science PhD, Columbia University in the City of New York, 1987

Eugenio Javier Miravete Rex G. Baker, Jr., Professorship of Political Economy, Professor, Department of Economics
PhD, Northwestern University, 1996
Juan Miro Dick Clark, III, Endowed Chair in Architecture, Professor, School of Architecture
MArch, Yale University, 1991
Pawel Misztal, Assistant Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of Edinburgh, 2010
David Mitlin, Professor, Department of Mechanical Engineering;
Professor, Applied Research Laboratories
PhD, University of California-Berkeley, 2000
Leticia R Moczygemba Lonnie F. Hollingsworth, Sr. Centennial Fellowship in Pharmacy, Associate Professor, College of Pharmacy PhD, University of Texas at Austin, 2008

Mohammad A Mohammad, Associate Professor, Department of Middle Eastern Studies; Associate Professor, Center for Middle Eastern Studies PhD, University of Southern California, 1989

Javad Mohammadi, Assistant Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, Carnegie Mellon University, 2016
Kishore Mohanty W. A. "Monty" Moncrief Centennial Chair in Petroleum Engineering, W. A. "Monty" Moncrief Centennial Chair in Petroleum Engineering, Professor, Department of Petroleum and Geosystems Engineering
PhD, University of Minnesota-Duluth, 1981
David Mohrig Peter T. Flawn Centennial Chair in Geology, Professor, Department of Geological Sciences; Associate Dean, John A and Katherine G Jackson School of Geosciences
PhD, University of Washington - Seattle, 1994

A Azfar Moin, Associate Professor, Department of Religious Studies; Associate Professor, Department of History
PhD, University of Michigan-Ann Arbor, 2010
Aloysius K Mok Quincy Lee Centennial Professorship in Computer Science, Professor, Department of Computer Science
PhD, Massachusetts Institute of Technology, 1983
Aryan Mokhtari Jack Kilby/Texas Instruments Endowed Faculty Fellowship in Computer Engineering, Affiliated Faculty, Oden Institute; Assistant Professor, Department of Electrical and Computer Engineering PhD, University of Pennsylvania, 2017

Ian J Molineux, Professor, Department of Molecular Biosciences DPhil, University of Oxford, 1969

Marie Helene Monfils, Professor, Department of Psychology; Professor, Department of Neuroscience
PhD, University of Lethbridge, 2005
Michelle Montague, Professor, Department of Philosophy
PhD, University of Colorado at Boulder, 2002
Raymond J Mooney Professorship in Computer Sciences \#3, Professor, Department of Computer Science
PhD, University of Illinois at Urbana-Champaign, 1987
Leonard Nathaniel Moore George W. Littlefield Professorship in American History, Faculty Associate; Professor, Department of History PhD, Ohio State U Main Campus, 1998

Lisa L Moore Archibald A. Hill Regents Professorship in American and English Literature, Professor, Department of English; Professor, Center for Women's and Gender Studies
PhD, Cornell University, 1991
Robin D Moore, Professor, Sarah and Ernest Butler School of Music; Professor, Department of African and African Diaspora Studies; Professor, John L Warfield Center for African and African American Studies; Professor, Center for Mexican American Studies PhD, University of Texas at Austin, 1995

Claudia I Mora John A. and Katherine G. Jackson Decanal Chair in the Geosciences, Professor, Department of Geological Sciences; Dean, John A and Katherine G Jackson School of Geosciences
PhD, University of Wisconsin-Madison, 1988
Nancy A Moran Warren J. and Viola Mae Raymer Chair, Professor, Department of Integrative Biology
PhD, University of Michigan-Ann Arbor, 1982
Tricia Moravec, Assistant Professor, Department of Information, Risk, and Operations Management
MSc, Indiana University at Bloomington, 2015
Hitoshi Morikawa, Associate Professor, Department of Neuroscience; Associate Professor, Waggoner Center for Alcohol and Addiction Research; Associate Professor, Department of Psychiatry PhD, Kyoto University, 1999

Caroline V Morley, Assistant Professor, Department of Astronomy PhD, University of California-Santa Cruz, 2016

Douglas J Morrice Bobbie and Coulter R. Sublett Centennial Professorship, Professor, Department of Information, Risk, and Operations Management; Professor, Department of Management; Professor of Medical Education, Department of Medical Education PhD, Cornell University, 1990

Philip J Morrison Texas Atomic Energy Research Foundation
Professorship, Professor, Department of Physics
PhD, University of California-San Diego, 1979
James M Morrow Jr, Associate Professor, Sarah and Ernest Butler School of Music
DMA, University of Texas at Austin, 1996
Susan C Morse Angus G. Wynne, Sr., Professorship in Civil Jurisprudence, Professor, School of Law
JD, Harvard University, 1996
Lorena G Moscardelli, Lecturer, Department of Geological Sciences; Research Scientist,
PhD, University of Texas at Austin, 2007
Robert D Moser W. A. "Tex" Moncrief, Jr. Chair in Computational Engineering and Sciences, Professor, Department of Mechanical Engineering; Professor, Applied Research Laboratories; Professor, Institute for Computational Engineering and Science; Deputy Director, Oden Institute,
PhD, Stanford University, 1984
Robert G Moser, Professor, Department of Government; Professor, Department of Slavic and Eurasian Studies
PhD, University of Wisconsin-Madison, 1995
Sharon Mosher, 2021 9/1-8/31 Professor Emeritus -Other University Affiliate; Professor Emeritus, Department of Geological Sciences; Dean Emeritus, John A and Katherine G Jackson School of Geosciences PhD, University of Illinois at Urbana-Champaign, 1978

Dana Hadar Moshkovitz aaronson, Associate Professor, Department of Computer Science
PhD, Weizmann Institute of Science, 2008
Andreas I Mueller, Associate Professor, Department of Economics PhD, Stockholm University, 2011

Elizabeth Mueller, Associate Professor, School of Architecture; Associate Professor, School of Social Work
PhD, University of California-Berkeley, 1992
Peter Mueller, Professor, Department of Mathematics; Professor, Department of Information, Risk, and Operations Management; Professor, Department of Statistics and Data Sciences
PhD, Purdue University Main Campus, 1991
Ulrich G Mueller William Morton Wheeler-Lost Pines Professorship, Professor, Department of Integrative Biology
PhD, Cornell University, 1993
Katherine M Muenks, Assistant Professor, Department of Educational Psychology
PhD, University of Maryland College Park, 2016
Somshuvra Mukhopadhyay Alan W. Hamm Centennial Fellowship in Pharmacy, Associate Professor, College of Pharmacy
PhD, New York Medical College, 2008
Stephennie Mulder, Associate Professor, Department of Art and Art History; Associate Professor, Department of Middle Eastern Studies; Associate Professor, Center for Middle Eastern Studies
PhD, University of Pennsylvania, 2008
Linda S Mullenix Morris and Rita Atlas Chair in Advocacy, Professor, School of Law
PhD, Columbia University in the City of New York, 1977

Chandra L Muller, Professor, Department of Sociology PhD, University of Chicago, 1991

Charles B Mullins Richard B. Curran Centennial Chair in Engineering, Professor, Department of Chemical Engineering; Professor, Department of Chemistry
PhD, California Institute of Technology, 1990
Elizabeth Munoz, Assistant Professor, Department of Human
Development and Family Sciences
PhD, Pennsylvania State University Park, 2015
Gretchen Murphy Arthur J. Thaman and Wilhelmina Dore' Thaman Endowed Professorship in English \#1, Professor, Department of English; Professor, Center for Women's and Gender Studies
PhD, University of Washington - Seattle, 1999
Melissa D Murphy, Associate Professor of Instruction, Department of

## Spanish and Portuguese

PhD, University of Texas at Austin, 2008
Richard Murphy, Assistant Professor, Department of Economics
PhD, University College London, 2014
Jared Scott Murray, Assistant Professor, Department of Information, Risk, and Operations Management; Assistant Professor, Department of Statistics and Data Sciences
PhD, Duke University, 2013
Paula C Murray Fiona D. Stokes Centennial Teaching Fellowship in Business, Professor, Department of Business, Government and Society JD, University of Texas at Austin, 1980

Dhiraj Murthy, Professor, School of Journalism and Media; Professor, Department of Sociology
PhD, University of Cambridge, 2008
Marc A Musick Mike Hogg Professorship in Liberal Arts \#2, Doyle Professorship in Western Civilization, Frank C. Erwin, Jr. Centennial Honors Professorship, Professor, Department of Sociology; Director, Humanities Program, Humanities Program; Director, Liberal Arts Honors Program, Liberal Arts Honors Programs
PhD, Duke University, 1997
Felicity Muth, Assistant Professor, Department of Integrative Biology PhD, University of St Andrews, 2013

Kumar Muthuraman, Faculty Director of the Center for Research and Analytics; Professor, Department of Information, Risk, and Operations Management
PhD, Stanford University, 2003
Roger E Myers, Professor, Sarah and Ernest Butler School of Music MM, University of Southern California, 1992

Scott P Myers, Professor, Department of Linguistics
PhD, University of Massachusetts, 1987
Gyorgy Zoltan Nagy, Assistant Professor, Department of Civil,
Architectural, and Environmental Engineering
PhD, Swiss Federal Institute of Technology, 2011
Vagheesh M Narasimhan, Assistant Professor, Department of Integrative Biology; Assistant Professor, Department of Statistics and Data Sciences PhD, University of Cambridge, 2016

Luisa Nardini, Associate Professor, Sarah and Ernest Butler School of Music
PhD, Universita degli Studi di Roma La Sapienza, 2001

Luis A Natividad, Assistant Professor, College of Pharmacy PhD, University of Texas at El Paso, 2012

Ian Michael Nauhaus, Assistant Professor, Department of Psychology; Assistant Professor, Department of Neuroscience
PhD, University of California-Los Angeles, 2008
Curran J Nault, Lecturer, Center for Women's and Gender Studies; Assistant Professor, Department of Radio-Television-Film PhD, University of Texas at Austin, 2013

A Rebecca Neal-Beevers, Lecturer, Department of Psychology; Psychology Research Associate,
PhD, University of Miami, 2002
Joseph Neeman, Assistant Professor, Department of Mathematics PhD, University of California-Berkeley, 2013

Kristin Neff, Academic Center Affiliate, Department of Educational Psychology
PhD, University of California-Berkeley, 1997
Lisa Neff, Associate Professor, Department of Human Development and Family Sciences
PhD, University of Florida, 2002
Neil R Nehring, Associate Professor, Department of English PhD, University of Michigan-Ann Arbor, 1985

Anton Nel Joe R. \& Teresa Lozano Long Chair in Piano, Professor, Sarah and Ernest Butler School of Music
MMus, University of Cincinnati Main Campus, 1984
Adele E Nelson, Assistant Professor, Department of Art and Art History PhD, New York University, 2012

Richard R Neptune William and Bettye Nowlin Chair in Engineering, Professor, Department of Mechanical Engineering
PhD, University of California-Davis, 1996
Joan H Neuberger Earl E. Sheffield Regents Professorship in History, Faculty Associate - VAC; Professor, Department of History; Professor, Department of Slavic and Eurasian Studies
PhD, Stanford University, 1985
Mary C Neuburger, Professor, Department of History; Professor, Center for Middle Eastern Studies; Professor, Department of Slavic and Eurasian Studies; Director Academic Center, Center for Russian, East European, and Eurasian Studies
PhD, University of Washington - Seattle, 1997
Daniel P Neuhann, Assistant Professor, Department of Finance PhD, University of Pennsylvania, 2016

Robert W Newberry, Assistant Professor, Department of Chemistry PhD, University of Wisconsin-Madison, 2016

Martha G Newman, Professor, Department of History; Professor, Department of Religious Studies
PhD, Stanford University, 1988
Quoc Phuc Nguyen J. H. Herring Centennial Professorship in Petroleum Engineering, Professor, Department of Petroleum and Geosystems Engineering
PhD, Delft University of Technology, 2004
Sarah E Nicholus, Lecturer, Center for Women's and Gender Studies; Associate Director,
PhD, University of Texas at Austin, 2018

Scott David Niekum, Associate Professor, Department of Computer Science
PhD, University of Massachusetts, 2013
Kristin Nielsen, Assistant Professor, Department of Marine Science PhD, University of North Texas, 2016

Daniel Nielson, Professor, Department of Government
PhD, University of California-San Diego, 1997
Maria-Aikaterini Nikolinakou, Research Scientist,
Evdokia Nikolova, Assistant Professor, Department of Electrical and Computer Engineering
PhD, Massachusetts Institute of Technology, 2009
Hiroshi Nishiyama, Associate Professor, Department of Neuroscience PhD, Kyoto University, 2002

Kimberly Nixon James T. Doluisio Centennial Fellowship, Professor, College of Pharmacy; Professor, Department of Psychology PhD, University of Texas at Austin, 2000

Dev Niyogi, Affiliated Faculty, Oden Institute; Professor, Department of Geological Sciences; Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, North Carolina State University, 2000
Linda Jeanne Noble, Professor, Department of Neurology; Professor, Department of Psychology
PhD, University of California-Los Angeles, 1982
Lailea Noel, Assistant Professor, School of Social Work; Assistant Professor of Oncology, Department of Oncology; Assistant Professor of Health Social Work, Department of Health Social Work
PhD, Washington University in St Louis, 2016
Eric Nordquist, Clinical Associate Professor, School of Information MA, New Mexico State University Main Campus, 2004

Sarah S Norris, Assistant Professor of Practice, School of Information MS, University of Texas at Austin, 2009

Bryan E Norwood, Assistant Professor, School of Architecture PhD, Harvard University, 2018

Gordon S Novak Jr, Professor, Department of Computer Science PhD, University of Texas at Austin, 1976

Atila Novoselac Marion E. Forsman Centennial Professorship in Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, Pennsylvania State University Main Campus, 2004
Avigail Noy, Assistant Professor, Department of Middle Eastern Studies PhD, Harvard University, 2016

Liesl Nydegger, Assistant Professor, Department of Kinesiology and Health Education
PhD, Claremont Graduate University, 2015
Jessica J O'Bleness, Assistant Professor of Practice, Department of Educational Psychology
PhD, University of Iowa, 2015
William J O'Brien E. P. Schoch Professorship in Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering PhD, Stanford University, 1998

Aaron O'Connell, Associate Professor, Department of History; Director of Research,
PhD, Yale University, 2009
Jessica L O'Connell, Assistant Professor, Department of Marine Science PhD, Oklahoma State University Main Campus, 2012

James T O'Connor C. T. Wells Professorship in Project Management,
Faculty Associate; Professor, Department of Civil, Architectural, and
Environmental Engineering
PhD, University of Texas at Austin, 1983
Mark F O'Reilly Melissa Elizabeth Stuart Centennial Professorship in Education, Professor, Department of Special Education
PhD, University of Illinois at Urbana-Champaign, 1992
Howard Ochman Joseph J. \& Jeanne M. Lagowski Regents
Professorship in Molecular Bioscience, Professor, Department of Molecular Biosciences
PhD, University of Rochester, 1984
J T Oden Cockrell Family Regents Chair in Engineering \#2, Professor, Department of Aerospace Engineering and Engineering Mechanics; Core Faculty,
PhD, Oklahoma State University Main Campus, 1962
Michael Oden, Associate Professor, School of Architecture PhD, New Sch for Soc Research, 1992

Clay D Odom, Associate Professor, School of Architecture
MS, Columbia University in the City of New York, 2003
Gerald S Oettinger, Associate Professor, Department of Economics PhD, Massachusetts Institute of Technology, 1993

Stella S Offner, Affiliated Faculty, Oden Institute; Associate Professor, Department of Astronomy
PhD, University of California-Berkeley, 2009
Jeeyun Oh, Assistant Professor, Stan Richards School of Advertising and Public Relations
PhD, Pennsylvania State University Park, 2013
Sarah Seulki Oh, Assistant Professor, Department of Radio-TelevisionFilm
MFA, Columbia University in the City of New York, 2015
Youjeong Oh, Associate Professor, Department of Asian Studies; Associate Professor, Center for Asian American Studies; Associate Professor, Department of Geography and the Environment PhD, University of California-Berkeley, 2013

Chelsi West Ohueri, Assistant Professor, Department of Slavic and Eurasian Studies; Assistant Professor, Department of African and African Diaspora Studies; Assistant Professor, Department of Anthropology; Assistant Professor of Population Health, Department of Population Health
PhD, University of Texas at Austin, 2016
Moyosore Benjamin Okediji, Professor, Department of Art and Art History; Professor, Department of African and African Diaspora Studies; Professor, John L Warfield Center for African and African American Studies
PhD, University of Wisconsin Colleges, 1995
Yuko M Okumura, Lecturer, Department of Geological Sciences; Research Scientist,
PhD, University of Hawaii at Manoa, 2005

Ryosuke Okuno Pioneer Corporation Faculty Fellowship on Petroleum Engineering, Associate Professor, Department of Petroleum and Geosystems Engineering
PhD, University of Texas at Austin, 2009
Jeannette Okur, Faculty Associate; Assistant Professor of Instruction, Department of Middle Eastern Studies
PhD, Ankara University, 2007
Cornel Olariu, Research Scientist; Lecturer, Department of Geological Sciences
PhD, University of Texas at Dallas, 2005
J P Olivelle, Professor Emeritus, Department of Asian Studies PhD, University of Pennsylvania, 1974

Guido Olivieri The Walter and Gina Ducloux Fine Arts Faculty Fellowship Endowment, Professor of Instruction, Sarah and Ernest Butler School of Music
PhD, University of California-Santa Barbara, 2005
Sheila M Olmstead, Professor, Lyndon B Johnson School of Public Affairs PhD, Harvard University, 2002

Todd A Olmstead, Associate Professor, Lyndon B Johnson School of Public Affairs
PhD, Harvard University, 2000
Jon E Olson Lois K. and Richard D. Folger Leadership Chair in Petroleum and Geosystems Engineering, Frank W. Jessen Professorship in Petroleum Engineering, Professor, Department of Petroleum and Geosystems Engineering; Professor, Bureau of Economic Geology PhD, Stanford University, 1991

Lisa Olstein, Professor, Department of English
MFA, University of Massachusetts, 2003
Robert A Olwell, Associate Professor, Department of History PhD, Johns Hopkins University, 1991

Peter Onyisi, Associate Professor, Department of Physics
PhD, Cornell University, 2008
Robert M Oppenheim POSCO Chair in Korean Studies, Professor, Department of Asian Studies; Professor, Department of Anthropology; Professor, Center for Asian American Studies
PhD, University of Chicago, 2003
Raymond Lee Orbach, Professor, Department of Mechanical Engineering PhD, University of California-Berkeley, 1960

Andrey Ordin, Assistant Professor, Department of Finance
MS, New Economic School, 2014
Michael E Orshansky John E. Kasch Endowed Faculty Fellowship in Engineering, Faculty Associate-ENGR; Professor, Department of Electrical and Computer Engineering
PhD, University of California-Berkeley, 2001
Caitlin A Orsini, Assistant Professor, Department of Psychology; Assistant Professor of Psychiatry, Department of Psychiatry; Assistant Professor, Department of Neurology
PhD, University of Michigan-Ann Arbor, 2012
Sven Ortel, Associate Professor of Practice, Department of Theatre and Dance; Associate Professor of Practice, School of Design and Creative Technologies
BA, Rose Bruford College of Theatre and Performance, 2001
Cynthia Osborne, Research Affiliate - Sr Research Fellow,

PhD, Princeton University, 2003
Nico Osier, Assistant Professor, School of Nursing; Assistant Professor, Department of Neurology
PhD, University of Pittsburgh, Pittsburgh Campus, 2016
Abena Dove agyepoma Osseo-asare, Associate Professor, Department of History; Associate Professor, Department of Population Health PhD, Harvard University, 2005

Annette M Ostling, Core Faculty, Oden Institute; Associate Professor, Department of Integrative Biology
PhD, University of California-Berkeley, 2004
Francie Ostrower, Professor, Lyndon B Johnson School of Public Affairs; Professor, College of Fine Arts
PhD, Yale University, 1991
Martha N Ovando, Professor Emeritus, Department of Educational Leadership and Policy
PhD, University of Utah, 1981
Sonia Paban, Associate Professor, Department of Physics
PhD, University of Barcelona, 1988
Yolanda C Padilla Clara Pope Willoughby Centennial Professorship in Child Welfare, Professor, School of Social Work; Professor, Center for Women's and Gender Studies; Professor, Center for Mexican American Studies
PhD, University of Michigan-Ann Arbor, 1993
Stephen C Page, Associate Professor, Sarah and Ernest Butler School of Music
DMA, University of Iowa, 2011
Zachariah Allen Page, Assistant Professor, Department of Chemistry PhD, University of Massachusetts, 2015

Gage E Paine, Faculty Consultant - Undergraduate Education; Clinical Professor, Department of Educational Leadership and Policy PhD, University of Texas at Austin, 1996

Marcelo Paixao Dads' Association Centennial Teaching Fellowship \#2, Associate Professor, Department of African and African Diaspora Studies; Associate Professor, John L Warfield Center for African and African American Studies
PhD, Instituto Universitario de Pesquisas do Rio De Janeiro, 2005
Thomas G Palaima Robert M. Armstrong Centennial Professorship, Professor, Department of Classics; Professor, Center for Middle Eastern Studies
PhD, University of Wisconsin-Madison, 1980
Nik Palomares, Professor, Department of Communication Studies PhD, University of California-Santa Barbara, 2005

Zhigang Pan Silicon Laboratories Endowed Chair in Electrical Engineering, Professor, Department of Electrical and Computer Engineering
PhD, University of California-Los Angeles, 2000
Nathaniel Aaron Pancost, Assistant Professor, Department of Finance PhD, University of Chicago, 2016

Nitya Pandalai-nayar, Assistant Professor, Department of Economics PhD, University of Michigan-Ann Arbor, 2016

Jose L Panero, Associate Professor, Department of Integrative Biology; Associate Director (Academic),

PhD, University of Tennessee, 1990
Lorraine S Pangle, Professor, Department of Government; Director,
Thomas Jefferson Center for the Study of Core Texts and Ideas, TH
Jefferson Ctr for Core Texts and Ideas
PhD, University of Chicago, 1999
Thomas L Pangle Joe R. Long Endowed Chair in Democratic Studies, Professor, Department of Government; Director, Thomas Jefferson Center for the Study of Core Texts and Ideas, TH Jefferson Ctr for Core Texts and Ideas
PhD, University of Chicago, 1972
Athanasio Papalexandrou, Associate Professor, Department of Art and Art History; Associate Professor, Center for Middle Eastern Studies PhD, Princeton University, 1998

Layla Parast, Associate Professor, Department of Statistics and Data Sciences
PhD, Harvard University, 2012
Sapun Harshad Parekh, Assistant Professor, Department of Biomedical Engineering
PhD, University of California-Berkeley, 2008
Michael Parent, Associate Professor, Department of Educational Psychology; Associate Professor, Center for Women's and Gender
Studies; Faculty Associate - CMHC,
PhD, University of Florida, 2013
Chanhyun Park, Assistant Professor, College of Pharmacy
PhD, University of Texas at Austin, 2016
Andrew A Parker, Associate Professor, Sarah and Ernest Butler School of Music
DMA, University of Michigan-Ann Arbor, 2009
Jose Ruben Parra-cardona, Associate Professor, School of Social Work PhD, Texas Tech University, 2004

Deborah Parra-Medina Chair in Mexican American Studies, Professor, Department of Mexican American and Latino/a Studies; Professor, Department of Kinesiology and Health Education; Professor, Department of Population Health; Director, Latino Research Institute, PhD, University of California-San Diego, 1998

Robert Parrino Lamar Savings Centennial Professorship in Finance, Professor, Department of Finance
PhD, University of Rochester, 1992
Keryn Elizabeth Pasch, Associate Professor, Department of Kinesiology and Health Education; Director of Strategy and Planning - Texas Center for Equity Promotion,
PhD, University of Minnesota-Twin Cities, 2007
Paola Passalacqua Leland Barclay Fellowship in Engineering, Associate Professor, Department of Civil, Architectural, and Environmental
Engineering
PhD, University of Minnesota-Twin Cities, 2009
Na'ama Pat-El, Professor, Department of Middle Eastern Studies;
Professor, Center for Middle Eastern Studies; Professor, Department of Linguistics
PhD, Harvard University, 2008
Robert G Paterson, Associate Professor, School of Architecture PhD, University of North Carolina at Chapel Hill, 1993

Shefali V Patil, Associate Professor, Department of Management

PhD, University of Pennsylvania, 2014
Stefania Patrizi, Assistant Professor, Department of Mathematics PhD, Universita degli Studi di Roma La Sapienza, 2010

Yale N Patt Ernest Cockrell, Jr. Centennial Chair in Engineering, Professor, Department of Electrical and Computer Engineering; Professor, Department of Computer Science
PhD, Stanford University, 1966
Tanya T Paull Burl G. and Lorene L. Rogers Chair in Human Health, Professor, Department of Molecular Biosciences; Professor of Oncology, Department of Oncology
PhD, University of California-Los Angeles, 1996
Amy Pavel Computer Sciences Endowed Faculty Fellowship No. 1, Assistant Professor, Department of Computer Science
PhD, University of California-Berkeley, 2019
Natasa Pavlovic Frank E. Gerth III Faculty Fellowships, Professor, Department of Mathematics; Associate Dean, College of Natural Sciences
PhD, University of Illinois at Chicago, 2002
Pamela Marie Paxton Linda K. George and John Wilson Professorship, Professor, Department of Sociology; Professor, Lyndon B Johnson School of Public Affairs
PhD, University of North Carolina at Chapel Hill, 1998
David Paydarfar, Professor, Department of Neurology; Director of the Mulva Clinic for the Neurosciences,
MD, University of North Carolina at Chapel Hill, 1985
Katherina A Payne, Associate Professor, Department of Curriculum and Instruction
MA, Adelphi University, 2004
Samuel Payne Pennzoil Company Regents Professorship in Mathematics, Frank E. Gerth III Faculty Fellowships, Professor, Department of Mathematics
PhD, University of Michigan-Ann Arbor, 2006
Shelley M Payne Marie Betzner Morrow Centennial Chair, Professor, Department of Molecular Biosciences; Professor of Medical Education, Department of Medical Education; Director Research Unit, Center for Infectious Disease, Center for Infectious Disease
PhD, Tex HIth Sci C Dallas, U, 1977
John A Pearce, Professor Emeritus, Department of Electrical and Computer Engineering
PhD, Purdue University Main Campus, 1980
Ami Pedahzur Ralph W. Yarborough Centennial Professorship of Liberal Arts, Professor, Department of Government; Professor, Center for Middle Eastern Studies; Professor, Department of Middle Eastern Studies PhD, University of Haifa, 1999

Suzanne M Pence, Associate Professor, Sarah and Ernest Butler School of Music
DMA, University of Missouri - Kansas City, 1992
Peng Peng, Assistant Professor, Department of Special Education PhD, Vanderbilt University, 2014

Monica Penick, Associate Professor, School of Design and Creative Technologies
PhD, University of Texas at Austin, 2007

James W Pennebaker Liberal Arts Foundation Centennial Professorship,
Professor, Department of Psychology; Professor, Department of Psychiatry
PhD, University of Texas at Austin, 1977
Nicholas A Peppas Cockrell Family Regents Chair in Engineering \#6, Professor, Department of Chemical Engineering; Professor, Department of Biomedical Engineering; Professor, College of Pharmacy; Professor, Department of Surgery and Perioperative Care; Professor, Department of Pediatrics
ScD, Massachusetts Institute of Technology, 1973
Jorge Perez Perez Peter T. Flawn Centennial Professorship in Spanish Language and Literature, Professor, Department of Spanish and Portuguese
PhD, University of California-Santa Barbara, 2003
Domino R Perez, Associate Professor, Department of English; Associate Professor, Center for Mexican American Studies
PhD, University of Nebraska - Lincoln, 1998
Paula J Perlman Centennial Professorship in Classical Archaeology, Professor, Department of Classics
PhD, University of California-Berkeley, 1983
Robert J Peroni The Fondren Foundation Centennial Chair for Faculty Excellence, Professor, School of Law
JD, Northwestern University, 1976
Alisa H Perren, Faculty Associate; Associate Professor, Department of Radio-Television-Film
PhD, University of Texas at Austin, 2004
H W Perry Jr, Faculty Associate; Associate Professor, School of Law; Associate Professor, Department of Government
PhD, University of Michigan-Ann Arbor, 1987
Nicole Perry, Assistant Professor, Department of Human Development and Family Sciences
PhD, North Carolina Agricultural and Technical State University, 2013
Geeta Persad, Assistant Professor, Department of Geological Sciences; Assistant Professor, Institute for Geophysics
PhD, Princeton University, 2016
Timothy Perutz, Associate Professor, Department of Mathematics PhD, University of London, 2005

Bogdan P Perzynski, Professor, Department of Art and Art History MFA, Poznan Academy of Fine Arts, 1979

Franco Pestilli, Associate Professor, Department of Psychology PhD, New York University, 2008

Simon Peter Computer Sciences Endowed Faculty Fellowship No. 10, Adjunct Assistant Professor, Department of Computer Science PhD, Swiss Federal Institute of Technology, 2012

Marina Louise Peterson, Associate Professor, Department of Anthropology
PhD, University of Chicago, 2005
Robert A Peterson John T. Stuart III Centennial Chair in Business, Professor, Department of Marketing
PhD, University of Minnesota-Twin Cities, 1970
Petar Petrov, Assistant Professor, Department of Slavic and Eurasian Studies
PhD, University of Pittsburgh, Pittsburgh Campus, 2006

Elizabeth M Pettit Barbara Pierce Bush Regents Professorship in Liberal
Arts, Professor, Department of Sociology
PhD, Princeton University, 1999
Steven M Phelps, Professor, Department of Integrative Biology PhD, University of Texas at Austin, 1999

Carolyn Phillips, Assistant Professor, School of Nursing
PhD, University of Texas at Austin, 2019
Stephen H Phillips, Professor Emeritus, Department of Philosophy PhD, Harvard University, 1982

Tasha S Philpot, Faculty Associate; Professor, Department of Government; Professor, John L Warfield Center for African and African American Studies
PhD, University of Michigan-Ann Arbor, 2003
Herve Picherit, Associate Professor, Department of French and Italian PhD, Stanford University, 2008

Colette Pierce Burnette, Professor of Practice, Department of Educational Leadership and Policy
EdD, University of Pennsylvania, 2015
Jonathan T Pierce, Associate Professor, Department of Neuroscience; Associate Professor, Waggoner Center for Alcohol and Addiction Research
PhD, University of Oregon, 2000
Marc Pierce, Associate Professor, Department of Germanic Studies PhD, University of Michigan-Ann Arbor, 2002

Adela Pineda Joe R. \& Teresa Lozano Long Endowed Professorship \#2, Professor, Department of Spanish and Portuguese; Director, Teresa Lozano Long Institute of Latin American Studies, Teresa Lozano Long Institute of Latin American Studies
PhD, University of Texas at Austin, 1997
Miguel Pinedo, Assistant Professor, Department of Kinesiology and Health Education; Assistant Professor, Center for Mexican American Studies
PhD, University of California-San Diego, 2015
Keshav K Pingali W. A. "Tex" Moncrief, Jr. Chair in Distributed and Grid Computing, Professor, Department of Computer Science; Professor, Institute for Computational Engineering and Science; Core Faculty, ScD, Massachusetts Institute of Technology, 1986

Samantha Nicole Pinto, Associate Professor, Department of English; Associate Professor, Center for Women's and Gender Studies; Associate Professor, Department of African and African Diaspora Studies; Associate Professor, John L Warfield Center for African and African American Studies
PhD, University of California-Los Angeles, 2007
C Greg Plaxton, Professor, Department of Computer Science PhD, Stanford University, 1989

Martin Poenie, Associate Professor, Department of Molecular Biosciences
PhD, Stanford University, 1986
Paula M Poindexter, Professor, School of Journalism and Media PhD, Syracuse University Main Campus, 1980

Francisco Polidoro Jr College of Business Administration Foundation Advisory Council Centennial Fellowship \#2, Professor, Department of Management

PhD, University of Michigan-Ann Arbor, 2006
Gabriela Polit, Professor, Department of Spanish and Portuguese PhD, New York University, 2002

George D Pollak, Professor, Department of Neuroscience PhD, University of Maryland College Park, 1970

Samuel Poloyac James T. Doluisio Regents Chair in Pharmacy, Dean, College of Pharmacy
PhD, University of Kentucky, 1999
Elizabeth C Pomeroy Bert Kruger Smith Centennial Professorship in Social Work, Distinguished Teaching Professor Emeritus, School of Social Work
PhD, University of Texas at Austin, 1994
Gary A Pope, Professor, Department of Petroleum and Geosystems Engineering
PhD, Rice University, 1972
Emily Porter, Affiliated Faculty, Oden Institute; Assistant Professor, Department of Electrical and Computer Engineering PhD, McGill University, 2015

Tyrone Porter Donald J. Douglass Centennial Professorship in Engineering, Professor, Department of Biomedical Engineering PhD, University of Washington - Seattle, 2003

Joseph Earl Potter, A\&P (Part-Time); Professor Emeritus, Department of Sociology
PhD, Princeton University, 1975
Kathrynn Pounders, Associate Professor, Stan Richards School of Advertising and Public Relations
PhD, Louisiana State University and Agricultural and Mechanical College, 2010

Lucas A Powe Jr Anne Green Regents Chair, Professor, School of Law; Professor, Department of Government
JD, University of Washington - Seattle, 1968
Sarah Rannells Powell, Associate Professor, Department of Special Education
PhD, Vanderbilt University, 2009
Daniel A Powers, Professor, Department of Sociology
PhD, University of Wisconsin-Madison, 1991
John T Powers, Assistant Professor, Department of Pediatrics; Assistant Professor of Oncology, Department of Oncology; Assistant Professor, College of Pharmacy
PhD, University of Texas at Austin, 2006
Aaron Thomas Pratt, Lecturer, Department of English; Carl and Lily Pforzheimer Curator of Early Books and Manuscripts, PhD, Yale University, 2016

Robert A Prentice Ed and Molly Smith Centennial Professorship in Business Law, Professor, Department of Business, Government and Society
JD, Washburn University, 1975
William H Press Leslie Surginer Endowed Professorship, Faculty Associate Honors Spring 2022 Seminar; Professor, Department of Computer Science; Professor, Department of Integrative Biology PhD, California Institute of Technology, 1972

Alison R Preston Dr. A. Wilson Nolle and Sir Raghunath P. Mahendroo Professorship in Neuroscience, Professor, Department of Psychology;

Professor, Department of Neuroscience; Professor, Department of Psychiatry; Vice Provost, Office of the Executive Vice President and Provost
PhD, Stanford University, 2004
Eric Price, Associate Professor, Department of Computer Science PhD, Massachusetts Institute of Technology, 2013

Melinda Price, Program Director; Assistant Professor of Instruction, Department of Management
MS, University of Texas at Austin, 2019
Nicholas J Priebe, Associate Professor, Department of Neuroscience PhD, University of California-San Francisco, 2001

David F Prindle, Professor, Department of Government
PhD, Massachusetts Institute of Technology, 1977
Masa Prodanovic Chevron Centennial Teaching Fellowship in Petroleum Engineering, Associate Professor, Department of Petroleum and Geosystems Engineering
PhD, New York University, 2005
Ian N Proops, Professor, Department of Philosophy
PhD, Harvard University, 1998
Jorge A Prozzi, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of California-Berkeley, 2001
Mitchell W Pryor, Faculty Associate-ENGR; Lecturer, Department of Mechanical Engineering
PhD, University of Texas at Austin, 2002
Tetyana Pudrovska, Associate Professor, Department of Sociology
PhD, University of Wisconsin-Madison, 2007
Michael Pyrcz, Associate Professor, Department of Petroleum and Geosystems Engineering; Associate Professor, Department of Geological Sciences; Research Affiliate - Research Fellow,
PhD, University of Alberta, 2004
Hong Qiao Lorene Morrow Kelley Endowed Faculty Fellowship Fund, Associate Professor, Department of Molecular Biosciences
PhD, Chinese Academy of Sciences, 2004
Lili Qiu, Professor, Department of Computer Science
PhD, Cornell University, 2001
Emily Que, Associate Professor, Department of Chemistry
PhD, University of California-Berkeley, 2009
Terrence M Quinn Albert W. and Alice M. Weeks Centennial Professorship in Geological Sciences, Professor, Department of Geological Sciences; Director of Stable Isotope Lab,
PhD, Brown University, 1989
Laura Elena Quinones Camacho, Assistant Professor, Department of Educational Psychology
PhD, University of California-Riverside, 2018
David G Quinto-Pozos, Associate Professor, Department of Linguistics; Associate Professor, Department of Speech, Language, and Hearing Sciences
PhD, University of Texas at Austin, 2002
David M Rabban Dahr Jamail, Randall Hage Jamail, and Robert Lee Jamail Regents Chair in Law, Professor, School of Law JD, Stanford University, 1974

Adam Thomas Rabinowitz, Associate Professor, Department of Classics PhD, University of Michigan-Ann Arbor, 2004

Megan Margaret Raby, Associate Professor, Department of History PhD, University of Wisconsin-Madison, 2012

Kavita Radhakrishnan, Associate Professor, School of Nursing
PhD, University of Massachusetts, 2011
Charles L Radin, Professor, Department of Mathematics
PhD, University of Rochester, 1971
Guy P Raffa, Professor, Department of French and Italian PhD, Indiana University at Bloomington, 1991

Rajagopal Raghunathan Zale Corporation Centennial Professorship in Business, Professor, Department of Marketing; Professor, Program in the Human Dimensions of Organizations
PhD, New York University, 2000
Varun Rai Walt and Elspeth Rostow Chair in National Security, Associate Dean, Lyndon B Johnson School of Public Affairs; Professor, Department of Mechanical Engineering
PhD, Stanford University, 2008
Esther L Raizen, Associate Professor, Department of Middle Eastern Studies; Associate Professor, Center for Middle Eastern Studies PhD, University of Texas at Austin, 1987

Mark G Raizen Sid W. Richardson Foundation Regents Chair in Physics
\#2, Professor, Department of Physics; Professor, Department of Pediatrics; Professor, Department of Diagnostic Medicine PhD, University of Texas at Austin, 1989

Laxminarayan L Raja Robert L. Parker, Sr. Centennial Professorship in Engineering, Affiliated Faculty, Oden Institute; Professor, Department of Aerospace Engineering and Engineering Mechanics
PhD, University of Texas at Austin, 1996
Dalpat Singh Rajpurohit, Assistant Professor, Department of Asian Studies
MPhil, Jawaharlal Nehru University, 2008
Kelly Raley Christie and Stanley E. Adams, Jr. Centennial Professorship in Liberal Arts, Professor, Department of Sociology
PhD, University of Wisconsin-Madison, 1994
Vijaya Ramachandran William B. Blakemore II Regents Professorship in Computer Sciences, Professor, Department of Computer Science PhD, Princeton University, 1983

Robert Ramirez Z. T. Scott Family Chair in Drama, Theater for Youth Chair, Susan Menefee Ragan Regents Professorship in Fine Arts, Professor, Center for Mexican American Studies; Professor, Department of Theatre and Dance
MFA, University of Delaware, 1995
Carlos E Ramos, Associate Professor, Department of Geography and the Environment; Associate Professor, Teresa Lozano Long Institute of Latin American Studies; Associate Professor, Department of History PhD, Colorado State University, 2004

Ramkumar Ranganathan College of Business Administration Foundation Advisory Council Centennial Fellowship \#7, Associate Professor, Department of Management
PhD, University of Pennsylvania, 2012
Raghunath S Rao Ambassador Edward Clark Centennial Endowed Fellowship in Business, Associate Professor, Department of Marketing

PhD, University of Minnesota-Twin Cities, 2007
Ramesh K Rao The Margaret and Eugene McDermott Centennial Professorship of Banking and Finance, Professor, Department of Finance; Director of Wealth Management Program,
DBA, Indiana University at Bloomington, 1978
Karen L Rascati Stewart Turley/Eckerd Corporation Centennial Endowed Professorship in Pharmacy, Professor, College of Pharmacy PhD, University of Florida, 1986

Samuel David Raskin, Assistant Professor, Department of Mathematics PhD, Harvard University, 2014

Susan W Rather Meredith and Cornelia Long Chair in Art and Art History, Professor, Department of Art and Art History
PhD, University of Delaware, 1986
Ellen M Rathje Janet S. Cockrell Centennial Chair in Engineering, Research Affiliate - Sr Research Fellow; Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of California-Berkeley, 1997
Paul Joseph Rathouz, Professor, Department of Population Health PhD, Johns Hopkins University, 1997

Manuel Karl Rausch, Assistant Professor, Department of Aerospace Engineering and Engineering Mechanics; Assistant Professor, Department of Biomedical Engineering
PhD, Stanford University, 2013
PJ Raval, Associate Professor, Department of Radio-Television-Film MFA, University of Texas at Austin, 2004

Krishnaswa Ravi-Chandar M. C. (Bud) and Mary Beth Baird Endowed Chair, Professor, Department of Aerospace Engineering and Engineering Mechanics
PhD, California Institute of Technology, 1982
Mark Ravina Mitsubishi Heavy Industries Chair in Japanese Studies, Professor, Department of History
PhD, Stanford University, 1991
Soncia Reagins-Lilly, Professor of Practice, Department of Educational Leadership and Policy; Vice President for Student Affairs and Dean of Students,
EdD, University of Southern California, 1999
Wayne A Rebhorn Jr, Professor Emeritus, Department of English PhD, Yale University, 1968

Richard J Reddick, Faculty Associate; Associate Dean, College of Education; Professor, Department of Educational Leadership and Policy; Professor, Department of African and African Diaspora Studies; Professor, John L Warfield Center for African and African American Studies
EdD, Harvard University, 2007
Lorinc Redei, Associate Professor of Instruction, Lyndon B Johnson School of Public Affairs
PhD, Central European University, 2013
Gregory Paul Reece, BMIL Research Affiliate,
Robert L Reece, Assistant Professor, Department of Sociology PhD, Duke University, 2017

Cory A Reed, Associate Professor, Department of Spanish and Portuguese

PhD, Princeton University, 1989
Denne N Reed, Associate Professor, Department of Anthropology PhD, State University of New York at Stony Brook, 2003

Julia A Reed, Associate Professor, Division of Textiles and Apparel PhD, Purdue University Main Campus, 1973

Ashante M Reese Friar Centennial Teaching Fellowship, Assistant Professor, Department of African and African Diaspora Studies; Assistant Professor, Department of Anthropology
PhD, American University, 2015
Stephen D Reese Jesse H. Jones Professorship in Journalism, Professor, School of Journalism and Media
PhD, University of Wisconsin-Madison, 1982
Roger William Reeves, Associate Professor, Department of English;
Associate Professor, John L Warfield Center for African and African
American Studies
PhD, University of Texas at Austin, 2012
Leonard F Register J. H. Herring Centennial Professorship in Engineering,
Professor, Department of Electrical and Computer Engineering
PhD, North Carolina State University, 1990
Mark Regnerus, Professor, Department of Sociology
PhD, University of North Carolina at Chapel Hill, 2000
Linda E Reichl, Professor, Department of Physics
PhD, University of Denver, 1969
Daniella M Rempe, Assistant Professor, Department of Geological Sciences; Other University Affiliate,
PhD, University of California-Berkeley, 2016
Hang Ren, Assistant Professor, Department of Chemistry PhD, University of Michigan-Ann Arbor, 2016

Pengyu Ren E. C. H. Bantel Professorship for Professional Practice, Professor, Department of Biomedical Engineering
PhD, University of Cincinnati Main Campus, 1999
Joaquin Resasco, Assistant Professor, Department of Chemical
Engineering
PhD, University of California-Berkeley, 2017
Susanne Ressl, Assistant Professor, Department of Neuroscience PhD, Max Planck Institute for Mathematics in the Sciences, 2009

Paul E Resta, Professor Emeritus, Department of Curriculum and Instruction
PhD, Arizona State University Main, 1968
Kelly Renee Reveles Alumni Centennial Endowed Fellowship in
Pharmacy, Assistant Professor, College of Pharmacy
PharmD, University of Texas at Austin, 2010
Donna L Rew Denton and Louise Cooley and Family Centennial Professorship in Nursing, Professor, School of Nursing EdD, Northern Illinois University, 1979

Pedro Reyes, Professor, Department of Educational Leadership and Policy; Professor, Lyndon B Johnson School of Public Affairs; Professor, Center for Mexican American Studies; Professor, Department of Educational Psychology
PhD, University of Wisconsin-Madison, 1985

Ann M Reynolds Jeanette and Ferris Nassour Faculty Fellowship in Art History, Associate Professor, Department of Art and Art History; Associate Professor, Center for Women's and Gender Studies PhD, City University of New York Graduate Center, 1993

Hyekyun Rhee La Quinta Motor Inns, Inc. Centennial Professorship in Nursing, Professor, School of Nursing
PhD, University of North Carolina at Chapel Hill, 2002
Richard M Rhodes, Professor of Practice, Department of Educational Leadership and Policy
PhD, University of Texas at Austin, 1996
Kristin McKeithan Richards, Senior Research Scientist,
John H Richburg Gustavus and Louise Pfeiffer Professorship in Toxicology, Professor, College of Pharmacy; Professor, Department of Oncology
PhD, Rutgers the State University of New Jersey Camden Campus, 1993
Elizabeth Richmond-Garza, Faculty Associate; Associate Professor, Department of English; Associate Professor, Program in the Human Dimensions of Organizations; Director, Program in Comparative Literature, Program in Comparative Literature
PhD, Columbia University in the City of New York, 1992
Brian Richter, Assistant Professor, Department of Business, Government and Society
PhD, University of California-Los Angeles, 2010
Catherine Riegle-Crumb, Faculty Associate; Professor, Department of Curriculum and Instruction; Professor, Department of Sociology PhD, University of Chicago, 2000

SOO YOUNG RIEH, Associate Dean, School of Information PhD, Rutgers the State University of New Jersey Newark Campus, 2000

Thorsten Ries, Assistant Professor, Department of Germanic Studies PhD, University of Hamburg, 2013

Andrew M Riggsby Lucy Shoe Meritt Professorship in Classics, Faculty Associate; Professor, Department of Classics; Professor, Department of Art and Art History
PhD, University of California-Berkeley, 1993
Marius A K Ring, Assistant Professor, Department of Finance PhD, Northwestern University, 2020

Jack L Ritchie, Professor Emeritus, Department of Physics PhD, University of Rochester, 1984

Mary Magdalen Rivas-Rodriguez, LMAS Affiliated; Professor, School of Journalism and Media; Professor, Center for Mexican American Studies PhD, University of North Carolina at Chapel Hill, 1998

Ramon H Rivera-Servera Effie Marie Cain Regents Chair in Fine Arts, Professor, Department of Theatre and Dance; Dean, College of Fine Arts PhD, University of Texas at Austin, 2003

Brian E Roberts, Faculty Associate Honors Spring 2022 Seminar; Professor, Department of Government; Professor, Department of Economics; Professor, Department of Business, Government and Society PhD, Washington University in St Louis, 1986

Jason Edward Roberts, Assistant Professor of Instruction, Department of Religious Studies; Assistant Professor of Instruction, Department of Slavic and Eurasian Studies
PhD, University of Texas at Austin, 2017
Sean Thomas Roberts, Associate Professor, Department of Chemistry

PhD, Massachusetts Institute of Technology, 2009
Patricia Roberts-Miller, Professor Emeritus, Department of Rhetoric and Writing
PhD, University of California-Berkeley, 1985
Gary T Rochelle Carol and Henry Groppe Professorship in Chemical Engineering, Professor, Department of Chemical Engineering PhD, University of California-Berkeley, 1977

Aaron B Rochlen, Clinical Professor, Department of Educational Psychology
PhD, University of Maryland College Park, 2000
Gregory J Rodin Temple Foundation Endowed Faculty Fellowship No. 6, Other University Affiliate; Professor Emeritus, Department of Aerospace Engineering and Engineering Mechanics
PhD, Massachusetts Institute of Technology, 1986
Annette M Rodriguez, Assistant Professor, Department of History PhD, Brown University, 2016

Enrique R Rodriguez, Faculty Associate; Professor, Department of Anthropology
PhD, University of Chicago, 2002
Erin M Rodriguez Joe R. \& Teresa Lozano Long Endowed Faculty Fellows Fund, Associate Professor, Department of Psychiatry; Associate Professor, Department of Educational Psychology
PhD, Vanderbilt University, 2012
Nestor P Rodriguez, Professor, Department of Sociology; Professor, Center for Mexican American Studies
PhD, University of Texas at Austin, 1984
Victoria E Rodriguez, Other University Affiliate; Ashbel Smith Professorship, Lyndon B Johnson School of Public Affairs PhD, University of California-Berkeley, 1987

Sergio Romero, Associate Professor, Department of Spanish and Portuguese; Associate Professor, Teresa Lozano Long Institute of Latin American Studies
PhD, University of Pennsylvania, 2006
Sonia Roncador, Associate Professor, Department of Spanish and Portuguese
PhD, New York University, 1999
Ehud I Ronn Carl Fink, Jr. Endowed Faculty Fellowship in Business Administration, Professor, Department of Finance
PhD, Stanford University, 1983
Adrianne M Rosales Jim and Barbara Miller Endowed Faculty Fellowship in Chemical Engineering, Assistant Professor, Department of Chemical Engineering
PhD, University of California-Berkeley, 2013
Mary Rose, Faculty Associate; Professor, Department of Sociology; Professor, Program in the Human Dimensions of Organizations PhD, Duke University, 1998

Michael Rose, Associate Professor, Department of Chemistry PhD, University of California-Santa Cruz, 2009

Arlene Rosen, Professor, Department of Anthropology PhD, University of Chicago, 1985

Sandra Rosenbloom, Research Professor, School of Architecture PhD, University of California-Los Angeles, 1975

Christopher J Rossbach, Associate Professor, Department of Computer Science
PhD, University of Texas at Austin, 2009
Rebecca Rossen, Associate Professor, Department of Theatre and Dance PhD, Northwestern University, 2006

Michele Angela Rountree, Associate Professor, School of Social Work; Associate Professor, Center for Women's and Gender Studies PhD, Arizona State University Main, 1992

Stanley J Roux Jr, Professor, Department of Molecular Biosciences PhD, Yale University, 1971

Timothy B Rowe, Faculty Associate; Professor, Department of Geological Sciences
PhD, University of California-Berkeley, 1986
Loriene Roy, Professor, School of Information; Professor, Center for Women's and Gender Studies
PhD, University of Illinois at Urbana-Champaign, 1987
Sharmila Rudrappa, Faculty Associate; Professor, Department of Sociology; Professor, Center for Asian American Studies; Professor, Center for Women's and Gender Studies; Director Academic Center, South Asia Institute
PhD, University of Wisconsin-Madison, 2001
John P Rumrich Celanese Centennial Professorship, Professor, Department of English
PhD, University of Virginia, 1981
Astrid Runggaldier, Associate Professor of Instruction, Department of Art and Art History; Assistant Director for the Mesoamerica Center, PhD, Boston University, 2009

Rick Russell, Professor, Department of Molecular Biosciences PhD, Johns Hopkins University, 1998

Ryan P Russell George and Dawn L. Coleman Centennial Fellowship in Engineering, Professor, Department of Aerospace Engineering and Engineering Mechanics
PhD, University of Texas at Austin, 2004
Stephen Russell Amy Johnson McLaughlin Administrative Chair in Human Ecology, Priscilla Pond Flawn Regents Professorship in Child Development, Elizabeth Tarpley Regents Fellowship in Textiles and Clothing, Faculty Associate; Professor, Department of Human Development and Family Sciences; Professor, Department of Sociology; Director Academic Center, School of Human Ecology; Professor of Population Health, Department of Population Health
PhD, Duke University, 1994
Cinzia Russi, Professor, Department of French and Italian
PhD, University of Washington - Seattle, 2003
Michael J Ryan Clark Hubbs Regents Professorship in Zoology, Professor, Department of Integrative Biology
PhD, Cornell University, 1982
Christopher G Rylander, Associate Professor, Department of Mechanical Engineering; Associate Professor, Department of Biomedical Engineering; Associate Professor of Surgery and Perioperative Care, Department of Surgery and Perioperative Care
PhD, University of Texas at Austin, 2005
Henry G Rylander III Harry H. Power Professorship in Engineering, Professor, Department of Biomedical Engineering; Professor, Department of Electrical and Computer Engineering

MD, University of Texas Health Science Center at San Antonio, 1974
Marissa N Rylander Werner W. Dornberger Centennial Teaching Fellowship in Engineering, Associate Professor, Department of Mechanical Engineering
PhD, University of Texas at Austin, 2005
Maytal Saar-Tsechansky Mary John and Ralph Spence Centennial Professorship, Professor, Department of Information, Risk, and Operations Management
PhD, New York University, 2002
Donnie Johnson Sackey, Faculty Associate Honors Spring 2022 Seminar; Assistant Professor, Department of Rhetoric and Writing
PhD, Michigan State University, East Lansing, 2013
Michael S Sacks W. A. "Tex" Moncrief, Jr. Endowment in SimulationBased Engineering and Sciences - Endowed Chair No. 1, Professor, Department of Biomedical Engineering; Professor, Institute for Computational Engineering and Science; Professor, Department of Aerospace Engineering and Engineering Mechanics; Professor, Department of Mechanical Engineering; Professor, Department of Diagnostic Medicine; Professor, Department of Medicine; Core Faculty, PhD, University of Texas at Arlington, 1992

Lorenzo A Sadun, Professor, Department of Mathematics PhD, University of California-Berkeley, 1987

Victor Saenz W. K. Kellogg Professorship of Community College Leadership, Professor, Department of Educational Leadership and Policy; Professor, Center for Mexican American Studies
PhD, University of California-Los Angeles, 2005
Demian M Saffer Scott Petty, Jr. Endowed Director's Chair for the University of Texas Institute for Geophysics, Professor, Department of Geological Sciences; Director (0379),
PhD, University of California-Santa Cruz, 1999
William M Sage James R. Dougherty Chair for Faculty Excellence, Professor, School of Law; Professor, Department of Surgery and Perioperative Care
JD, Stanford University, 1988
Lawrence Sager Alice Jane Drysdale Sheffield Regents Chair, Professor, School of Law
LLB, Columbia University in the City of New York, 1966
Thomas W Sager College of Business Administration Foundation Advisory Council Centennial Fellowship \#4, Professor, Department of Information, Risk, and Operations Management; Professor, Department of Statistics and Data Sciences
PhD, University of Iowa, 1973
Aysegul Sahin Richard J. Gonzalez Regents Chair in Economic Progress Based on Freedom and Private Enterprise, Professor, Department of Economics
PhD, University of Rochester, 2002
Richard M Sainsbury, Faculty Associate; Professor, Department of Philosophy
DPhil, University of Oxford, 1970
Shelly Elese Sakiyama-Elbert Cockrell Family Chair for Departmental Leadership \#1, Fletcher Stuckey Pratt Chair in Engineering, Professor, Department of Biomedical Engineering
PhD, California Institute of Technology, 2000
Stephen R Saklad, Clinical Professor, College of Pharmacy

PharmD, University of Southern California, 1978
Salvatore Salamone Phil M. Ferguson Centennial Teaching Fellowship in Civil Engineering, Associate Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, Universita degli Studi di Palermo, 2007
Navid Saleh Chevron Centennial Fellowship in Engineering (No.
1), Associate Professor, Department of Civil, Architectural, and

Environmental Engineering
PhD, Carnegie Mellon University, 2007
Cesar A Salgado, Associate Professor, Department of Spanish and Portuguese
PhD, Yale University, 1993
Cynthia S Salinas Ruben E. Hinojosa Regents Professorship in Education, Professor, Department of Curriculum and Instruction; Professor, Center for Mexican American Studies
PhD, University of Texas at Austin, 1999
Devleena Samanta, Assistant Professor, Department of Chemistry PhD, Stanford University, 2017

Victor Sampson, Associate Professor, Department of Curriculum and Instruction
PhD, Arizona State University Main, 2007
Delida Sanchez, EDP Academic Center Affiliate, Department of Educational Psychology
PhD, Columbia University in the City of New York, 2002
KJ Sanchez, Associate Professor, Department of Theatre and Dance MFA, University of California-San Diego, 1992

Micheal Paige Sandbank, Assistant Professor, Department of Special Education
PhD, Vanderbilt University, 2015
Aaron G Sandel, Assistant Professor, Department of Anthropology PhD, University of Michigan-Ann Arbor, 2017

Amy K Sanders, Faculty Associate; Associate Professor, School of Journalism and Media; Associate Professor, School of Law PhD, University of Florida, 2007

Sujay Sanghavi Fluor Centennial Teaching Fellowship in Engineering \#2, CS OM Faculty Associate - 9/1/21-8/31/22; Associate Professor, Department of Electrical and Computer Engineering PhD, University of Illinois at Urbana-Champaign, 2006

Tamara Sanikidze Sarah and Ernest Butler Professorship in Opera, Professor, Sarah and Ernest Butler School of Music DMA, University of Maryland College Park, 2010

Jaganath Sankaran, Assistant Professor, Lyndon B Johnson School of Public Affairs
PhD, University of Maryland College Park, 2012
Gabriel Sanoja, Assistant Professor, Department of Chemical Engineering PhD, University of California-Berkeley, 2016

Samantha Rose Santacruz, Assistant Professor, Department of
Biomedical Engineering
PhD, Rice University, 2014
Surya Santoso Engineering Foundation Centennial Teaching Fellowship in Electrical Engineering No. 2, Professor, Department of Electrical and Computer Engineering

PhD, University of Texas at Austin, 1996
Elif Sarinay Cenik, Assistant Professor, Department of Molecular

## Biosciences

PhD, University of Massachusetts at Worcester, 2012
Abhra Sarkar, Assistant Professor, Department of Statistics and Data Sciences
PhD, Texas A \& M University, 2014
Purnamrita Sarkar, Assistant Professor, Department of Statistics and Data Sciences
PhD, Carnegie Mellon University, 2010
Sahotra Sarkar, Professor, Department of Philosophy; Professor, Department of Integrative Biology
PhD, University of Chicago, 1989
Margo L Sawyer Jack G. Taylor Regents Professorship in Fine Arts, Professor, Department of Art and Art History
MFA, Yale University, 1982
Elizabeth D Scala Ellen Clayton Garwood Centennial Professorship in Creative Writing \#2, Professor, Department of English
PhD, Harvard University, 1994
Bridget R Scanlon, Hydrogeologist,
PhD, University of Kentucky, 1985
James L Schaller, Associate Professor, Department of Special Education PhD, University of Wisconsin-Madison, 1991

Diane L Schallert, Professor Emeritus, Department of Educational Psychology
PhD, Arizona State University Main, 1975
Livia Schiavinato Eberlin, Other University Affiliate,
PhD, Purdue University Main Campus, 2012
Nancy Schiesari, Professor, Department of Radio-Television-Film
MA, Royal College of Art, 1978
Cathy Jean Schlund-Vials, Professor, Department of English PhD, University of Massachusetts, 2006

Jaime Joy Schmidt KPMG Centennial Fellowship in Accounting, Associate Professor, Department of Accounting
PhD, Texas A \& M University, 2009
Mary Schmitt, Assistant Professor, Department of Speech, Language, and Hearing Sciences
PhD, Ohio State U Main Campus, 2013
David M Schnyer, Professor, Department of Psychology; Professor, Department of Psychiatry
PhD, University of Arizona, 1998
Miriam Schoenfield, Associate Professor, Department of Philosophy PhD, Massachusetts Institute of Technology, 2012

Jonathan Wyn Schofer, Faculty Associate; Associate Professor,
Department of Religious Studies
PhD, University of Chicago, 2000
Roxanne Schroeder-Arce, Associate Professor, Department of Theatre and Dance; Associate Professor, Center for Mexican American Studies; Associate Dean, College of Fine Arts
MFA, University of Texas at Austin, 2000

Lauren Schudde, Associate Professor, Department of Sociology; Associate Professor, Department of Educational Leadership and Policy PhD, University of Wisconsin-Madison, 2013

Karl W Schulz, Research Associate Professor, Institute for Computational Engineering and Science; Associate Professor of Medicine, Department of Women's Health
PhD, University of Texas at Austin, 1999
Ana Schwartz, Assistant Professor, Department of English PhD, University of Pennsylvania, 2017

Seth Schwartz, Professor, Department of Kinesiology and Health Education; Professor, Department of Educational Psychology PhD, Florida International University, 2000

William Schwartz, Faculty Associate; Professor, Department of Neurology; Professor, Department of Integrative Biology; Assistant Dean for Faculty Affairs, Dell Medical School
MD, University of California-San Francisco, 1974
Gian Claudia Sciara, Assistant Professor, School of Architecture PhD, University of California-Berkeley, 2009

JoAnn M Sciarrino, Professor, Stan Richards School of Advertising and Public Relations
MBA, Emory University, 1999
Craig R Scott John T. Jones, Jr. Centennial Professorship in Communication, Professor, Department of Communication Studies PhD, Arizona State University Main, 1994

James G Scott Fayez Sarofim \& Co. Centennial Professorship in Business, College of Business Administration Foundation Advisory Council Centennial Fellowship \#1, Faculty Associate; Professor, Department of Information, Risk, and Operations Management; Professor, Department of Statistics and Data Sciences PhD, Duke University, 2009

Laurie Pierce Scott, Faculty Associate; Associate Professor, Sarah and Ernest Butler School of Music
PhD, University of Texas at Austin, 1987
Suzanne Scott, Associate Professor, Department of Radio-Television-Film PhD, University of Southern California, 2011

Chad Eugene Seales Brian F. Bolton Distinguished Professorship in Secular Studies, Associate Professor, Department of Religious Studies PhD, University of North Carolina at Chapel Hill, 2007

Adrien P Sebro, Assistant Professor, Department of Radio-Television-Film PhD, University of California-Los Angeles, 2019

Brian E Sedio, Assistant Professor, Department of Integrative Biology PhD, University of Michigan-Ann Arbor, 2013

Steven Seegel, Professor, Department of Slavic and Eurasian Studies PhD, Brown University, 2006

Sonia T Seeman, Faculty Associate; Associate Professor, Sarah and Ernest Butler School of Music; Associate Professor, Center for Middle Eastern Studies; Associate Professor, Department of Middle Eastern Studies
PhD, University of California-Los Angeles, 2002
Carolyn Conner Seepersad J. Mike Walker Professorship in Mechanical Engineering, Professor, Department of Mechanical Engineering;
Professor, Applied Research Laboratories
PhD, Georgia Institute of Technology, 2004

Eyal Seidemann, Professor, Department of Psychology; Professor,
Department of Neuroscience
PhD, Stanford University, 1998
Stephanie K Seidlits, Associate Professor, Department of Biomedical Engineering
PhD, University of Texas at Austin, 2010
Polina Sela, Assistant Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, Technion-Israel Institute of Technology, 2011
Martha A Selby, Professor, Department of Asian Studies
PhD, University of Chicago, 1994
Mrinal K Sen John A. and Katherine G. Jackson Chair in Applied Seismology, Professor, Department of Geological Sciences; Professor, Institute for Geophysics; Program Director (Academic), PhD, University of Hawaii at Manoa, 1987

Eric Senning, Assistant Professor, Department of Neuroscience PhD, University of Oregon, 2009

Luis Sentis General Dynamics Endowed Faculty Fellowship, Associate Professor, Department of Aerospace Engineering and Engineering Mechanics
PhD, Stanford University, 2007
Kamy Sepehrnoori Texaco Centennial Chair in Petroleum Engineering, Professor, Department of Petroleum and Geosystems Engineering PhD, University of Texas at Austin, 1977

Elizabeth W Sepper, Professor, School of Law
JD, New York University, 2006
Adriana Serrano, Assistant Professor, Department of Theatre and Dance; Assistant Professor, Department of Radio-Television-Film
MFA, City University of New York Brooklyn College, 2003
Sandro Sessarego, Associate Professor, Department of Spanish and Portuguese; Associate Professor, John L Warfield Center for African and African American Studies; Associate Professor, Department of African and African Diaspora Studies
PhD, Ohio State U Main Campus, 2010
Jonathan L Sessler R. P. Doherty, Jr. - Welch Regents Chair in Chemistry,
Professor, Department of Chemistry
PhD, Stanford University, 1982
Zhenghui Sha, Assistant Professor, Department of Mechanical
Engineering
PhD, Purdue University Main Campus, 2015
Hovav Shacham Professorship in Computer Sciences \#5, Professor, Department of Computer Science
PhD, Stanford University, 2005
Sanjay Shakkottai Cockrell Family Chair in Engineering \#15, Faculty Associate; Professor, Department of Electrical and Computer Engineering PhD, University of Illinois at Urbana-Champaign, 2002

Ahmed Shamim, Assistant Professor of Instruction, Department of Asian

## Studies

MA, City University of New York Graduate Center, 2011
Timothy Michael Shanahan Bill R. Payne Centennial Teaching Fellowship, Associate Professor, Department of Geological Sciences PhD, University of Arizona, 2006

Shyam Shankar, Assistant Professor, Department of Electrical and Computer Engineering
PhD, Princeton University, 2010
Harel Shapira, Associate Professor, Department of Sociology PhD, Columbia University in the City of New York, 2010

Liza J Shapiro, Professor, Department of Anthropology
PhD, State University of New York at Stony Brook, 1991
Paul R Shapiro Frank N. Edmonds, Jr. Regents Professorship in Astronomy, Professor, Department of Astronomy PhD, Harvard University, 1978

Yevgeniy Sharlat, Associate Professor, Sarah and Ernest Butler School of Music; Associate Professor, School of Design and Creative Technologies DMA, Yale University, 2007

Mukul M Sharma W. A. "Tex" Moncrief, Jr. Centennial Chair in Petroleum Engineering, Professor, Department of Petroleum and Geosystems Engineering
PhD, University of Southern California, 1985
Daron R Shaw Frank C. Erwin, Jr. Centennial Chair in State Government, Faculty Associate; Professor, Department of Government
PhD, University of California-Los Angeles, 1994
Andrew B Shea Ben F. Love Regents Professorship in Communication, Faculty Associate; Professor, Department of Radio-Television-Film; Professor, Department of Theatre and Dance MA, California Institute of the Arts, 1985

Jason B Shear, Professor, Department of Chemistry
PhD, Stanford University, 1994
Allan W Shearer, Associate Professor, School of Architecture PhD, Harvard University, 2003

Subrina Shen, Assistant Professor, Department of Management MA, Cornell University, 2017

August Wang Shi, Assistant Professor, Department of Electrical and Computer Engineering
BS, University of Texas at Austin, 2013
Li Shi Ernest Cockrell, Sr. Chair in Engineering \#2, Professor, Department of Mechanical Engineering
PhD, University of California-Berkeley, 2000
Richard A Shiff Effie Marie Cain Regents Chair in Art, Professor, Department of Art and Art History
PhD, Yale University, 1973
Chih-Kang Shih Dr. Arnold Romberg Endowed Chair in Physics, Professor, Department of Physics
PhD, Stanford University, 1988
Faegheh S Shirazi, Professor, Department of Middle Eastern Studies PhD, Ohio State U Main Campus, 1985

Thomas S Shively Joe B. Cook Professorship in Business Administration, Professor, Department of Information, Risk, and Operations Management; Professor, Department of Statistics and Data Sciences PhD, University of Chicago, 1986

Deirdre Shoemaker Professorship in Physics \#1, Affiliated Faculty, Oden Institute; Professor, Department of Physics
PhD, University of Texas at Austin, 1999

Samantha Shorey, Assistant Professor, Department of Communication
Studies; Assistant Professor, School of Information
MA, University of Massachusetts, 2014
Clemens Sialm Charles E. and Sarah M. Seay Regents Chair in Finance, Texas Commerce Bancshares, Inc. Centennial Professorship in Commercial Banking, Professor, Department of Finance; Professor, Department of Economics; Director, AIM Investment Center, PhD, Stanford University, 2001

Nahid Siamdoust, Assistant Professor, Department of Middle Eastern Studies
PhD, University of Oxford, 2013
David S Sibley John T. Stuart III Centennial Professorship in Economics, Professor, Department of Economics
PhD, Yale University, 1973
Igor P Siddiqui, Associate Professor, School of Architecture MArch, Yale University, 2003

Maria Sidorkina, Assistant Professor, Department of Slavic and Eurasian Studies; Assistant Professor, Department of Anthropology PhD, Yale University, 2017

Bernd Siebert Sid W. Richardson Foundation Regents Chair in Mathematics \#4, Professor, Department of Mathematics PhD, Georg-August Universitat, 1992

Donald Jason Siegel Cockrell Family Chair for Departmental Leadership \#4, Temple Foundation Endowed Professorship No. 4, Core Faculty, Oden Institute; Professor, Department of Mechanical Engineering PhD, University of Illinois at Urbana-Champaign, 2001

Charles M Silver Roy W. and Eugenia C. McDonald Endowed Chair of Civil Procedure, Professor, School of Law; Professor, Department of Government
JD, Yale University, 1987
Amy L Simmons, Senior Lecturer, Sarah and Ernest Butler School of Music
PhD, University of Texas at Austin, 2007
Mihai Sirbu, Professor, Department of Mathematics
PhD, Carnegie Mellon University, 2004
Nancy J Sirianni, Program Director; Clinical Assistant Professor, Department of Marketing
PhD, Arizona State University Main, 2011
Jayant Sirohi M. J. Thompson Regents Professorship in Aerospace Engineering and Engineering Mechanics, Professor, Department of Aerospace Engineering and Engineering Mechanics
PhD, University of Maryland College Park, 2002
Greg O Sitz, Faculty Associate; Professor, Department of Physics PhD, Stanford University, 1987

Allison Skerrett, Professor, Department of Curriculum and Instruction; Professor, John L Warfield Center for African and African American Studies; Professor, Department of African and African Diaspora Studies PhD, Boston College, 2007

Vasiliki Skreta Leroy G. Denman, Jr. Regents Professorship in Economics, Professor, Department of Economics
PhD, University of Pittsburgh, Pittsburgh Campus, 2001
Stephen M Slawek, Professor, Sarah and Ernest Butler School of Music PhD, University of Illinois at Urbana-Champaign, 1986

Daniel T Slesnick, Professor, Department of Economics PhD, Harvard University, 1982

Bjorn Ingmunn Sletto, Professor, School of Architecture; Professor, Department of Geography and the Environment
PhD, Cornell University, 2006
James Slotta, Assistant Professor, Department of Anthropology PhD, University of Chicago, 2012

Rajka Smiljanic, Professor, Department of Linguistics; Professor, Department of Speech, Language, and Hearing Sciences PhD, University of Illinois at Urbana-Champaign, 2002

Angela D Smith, Assistant Professor, School of Information MS, Eastern Michigan University, 2012

Cherise Smith Lee and Joseph D. Jamail Chair in African American Studies, Professor, Department of African and African Diaspora Studies; Professor, John L Warfield Center for African and African American Studies; Professor, Department of Art and Art History PhD, Stanford University, 2004

Christen Anne Smith, Associate Professor, Department of Anthropology; Associate Professor, Department of African and African Diaspora Studies; Associate Professor, John L Warfield Center for African and African American Studies; Associate Professor, Center for Women's and Gender Studies
PhD, Stanford University, 2007
Dwain Y Smith, Associate Professor, Department of Radio-TelevisionFilm; Associate Dean, Moody College of Communication MFA, University of Texas at Austin, 2006

Geoffrey Smith, Associate Professor, Department of Religious Studies PhD, Princeton University, 2013

Jeffrey C Smith Kay Fortson Chair in European Art, Professor, Department of Art and Art History
PhD, Columbia University in the City of New York, 1979
Michael Smith Jesse H. Jones Regents Professorship in Fine Arts, Professor, Department of Art and Art History
BA, Colorado College, 1974
Spencer Smith, Assistant Professor, Department of Speech, Language, and Hearing Sciences
PhD, University of Arizona, 2017
Tara A Smith, Professor, Department of Philosophy
PhD, Johns Hopkins University, 1990
Jasper A Smits, Professor, Department of Psychology; Professor, Department of Psychiatry
PhD, University of Texas at Austin, 2004
Hugh D Smyth Alcon Centennial Professorship in Pharmacy, Professor, College of Pharmacy; ViaTherapeutics,
PhD, University of Otago, 2000
Nicholas Snashall-Woodhams, Assistant Professor, Department of Finance
MPhil, Yale University, 2017
John W Snedden, Senior Research Scientist,
Christopher A Sneden, Professor Emeritus, Department of Astronomy PhD, University of Texas at Austin, 1974

Rupert Snell, Professor Emeritus, Department of Asian Studies

PhD, University of London, 1984
Max Snodderly, Professor Emeritus, Department of Neuroscience PhD, Rockefeller University, 1969

Vincent L Snyder, Professor, School of Architecture MArch, Princeton University, 1988

Michael Sockin, Assistant Professor, Department of Finance PhD, Princeton University, 2015

Konstantin V Sokolov, Adjunct Associate Professor, Department of Biomedical Engineering
PhD, Moscow State University, 1992
David Soloveichik, Associate Professor, Department of Electrical and Computer Engineering
PhD, California Institute of Technology, 2008
Zeynep Somer-Topcu, Faculty Associate; Associate Professor,
Department of Government
PhD, University of California-Davis, 2009
Patricia Ann Somers, Associate Professor, Department of Educational Leadership and Policy; Associate Professor, Center for Women's and Gender Studies
PhD, University of New Orleans, 1992
Wen Song, Assistant Professor, Department of Petroleum and
Geosystems Engineering
PhD, Stanford University, 2019
Garrett P Sonnier Zale Corporation Centennial Fellowship in Retail Merchandising, Associate Professor, Department of Marketing; Director, CCIMS Academic Research Relationships,
PhD, University of California-Los Angeles, 2006
Roy Sorensen, Professor, Department of Philosophy
PhD, Michigan State University, East Lansing, 1982
Audrey M Sorrells, Associate Professor, Department of Special Education; Associate Dean of Students for Research, PhD, University of Florida, 1996

David Sosa, Professor, Department of Philosophy
PhD, Princeton University, 1996
Iliana Sosa, LMAS Affiliated; Assistant Professor, Department of Radio-Television-Film
MFA, University of California-Los Angeles, 2011
Stacey K Sowards Mark L. Knapp Professorship in Communication
Studies, LMAS Affiliated; Professor, Department of Communication Studies
PhD, University of Kansas Main Campus, 2001
Bartholomew H Sparrow, Faculty Associate; Professor, Department of Government
PhD, University of Chicago, 1991
Dean E Spears, Assistant Professor, Department of Economics
PhD, Princeton University, 2013
Lawrence W Speck The W. L. Moody, Jr. Centennial Professorship in Architecture, Professor, School of Architecture; Professor, Department of Geography and the Environment
MArch, Massachusetts Institute of Technology, 1972
Gerald E Speitel Jr C. W. Cook Professorship in Environmental Engineering, Professor, Department of Civil, Architectural, and

Environmental Engineering; Associate Dean, Cockrell School of Engineering
PhD, University of North Carolina at Chapel Hill, 1985
Denise A Spellberg, Professor, Center for Middle Eastern Studies; Professor, Department of Middle Eastern Studies; Professor, Department of Religious Studies; Professor, Department of History PhD, Columbia University in the City of New York, 1989

William G Spelman, Professor Emeritus, Lyndon B Johnson School of Public Affairs
PhD, Harvard University, 1988
David B Spence The Rex G. Baker Centennial Chair in Natural Resources Law, Professor, Department of Business, Government and Society; Professor, Department of Government; Professor, School of Law PhD, Duke University, 1997

Kyle Thomas Spikes, Associate Professor, Department of Geological Sciences
PhD, Stanford University, 2008
James C Spindler Mark L. Hart, Jr. Endowed Chair in Corporate and Securities Law, Professor, School of Law; Professor, Department of Business, Government and Society
JD, Harvard University, 2000
Clay Spinuzzi, Faculty Associate; Professor, Department of Rhetoric and Writing; Professor, Department of English; Professor, School of Information; Professor, Program in the Human Dimensions of Organizations
PhD, Iowa State University, 1999
David W Springer, Professor, Lyndon B Johnson School of Public Affairs; Director (0379),
PhD, Florida State University, 1997
S V Sreenivasan Cockrell Family Regents Chair in Engineering \#7, Professor, Department of Mechanical Engineering; Director (Academic), PhD, Ohio State U Main Campus, 1994

Rajashri Srinivasan Sam Barshop Centennial Professorship in Marketing Administration, Professor, Department of Marketing; Associate Dean, Red McCombs School of Business
PhD, Pennsylvania State University Main Campus, 2000
Jeanne Casstevens Stachowiak Banks McLaurin Fellowship in Engineering, Associate Professor, Department of Biomedical Engineering PhD, University of California-Berkeley, 2008

Mark A Stadtherr, Research Professor, Department of Chemical Engineering
PhD, University of Wisconsin-Madison, 1976
Ioannis Stamatopoulos, Assistant Professor, Department of Information, Risk, and Operations Management
PhD, Northwestern University, 2016
Michael P Starbird, Faculty Associate; Professor, Department of Mathematics
PhD, University of Wisconsin-Madison, 1974
Kevin D Stark, Professor Emeritus, Department of Educational Psychology
PhD, University of Wisconsin-Madison, 1985
Laura T Starks George Kozmetsky Centennial Distinguished University
Chair, Professor, Department of Finance

PhD, University of Texas at Austin, 1981
Devin A Stauffer, Professor, Department of Government PhD, Boston College, 1998

Jordan M Steiker Judge Robert M. Parker Chair of Law, Professor, School of Law
JD, Harvard University, 1988
David S Stein, Professor, Department of Molecular Biosciences PhD, Stanford University, 1989

Mary A Steinhardt, Faculty Associate; Professor, Department of Kinesiology and Health Education
EdD, University of Houston, 1985
Paul J Stekler Wofford Denius Chair in Entertainment Studies, Professor, Lyndon B Johnson School of Public Affairs; Professor, Department of Radio-Television-Film; Professor, Department of Government PhD, Harvard University, 1983

Keri K Stephens, Distinguished Teaching Professor, Department of Communication Studies
PhD, University of Texas at Austin, 2005
Scott W Stevens, Associate Professor, Department of Molecular Biosciences
PhD, University of North Carolina at Chapel Hill, 1996
Kathleen C Stewart, Professor, Department of Anthropology PhD, University of Michigan-Ann Arbor, 1987

Dawn Stienecker, Assistant Professor of Instruction, Department of Art and Art History
PhD, University of North Texas, 2012
Maxwell B Stinchcombe E. C. McCarty Centennial Professorship,
Professor, Department of Economics
PhD, University of California-Berkeley, 1986
Daniel Stockli Chevron Centennial Professorship in Geology, Professor, Department of Geological Sciences
PhD, Stanford University, 2000
Kenneth H Stokoe II Jennie C. and Milton T. Graves Chair in Engineering, Professor, Department of Civil, Architectural, and Environmental
Engineering
PhD, University of Michigan-Ann Arbor, 1972
Chandler W Stolp, Associate Professor Emeritus, Lyndon B Johnson School of Public Affairs
PhD, Carnegie Mellon University, 1982
Audrey J Stone, Assistant Professor, Department of Kinesiology and Health Education
PhD, University of Arkansas at Little Rock, 2010
Peter H Stone David Bruton, Jr. Centennial Professorship in Computer
Sciences \#3, Professor, Department of Computer Science; Robotics
Consortium Director,
PhD, Carnegie Mellon University, 1998
John S Stoney, Associate Professor, Department of Art and Art History MFA, Cranbrook Academy of Art, 1998

Nikita Storojev, Associate Professor, Sarah and Ernest Butler School of Music
MFA, Moscow P.I. Tchaikovsky Conservatory, 1979

Stephen M Strakowski, Professor, Department of Psychiatry; Professor, Department of Psychology; Vice Dean, Dell Medical School MD, Vanderbilt University, 1988

Natasha M Strassfeld, Assistant Professor, Department of Special Education
PhD, Pennsylvania State University Park, 2013
Joseph Straubhaar Amon G. Carter Centennial Professorship in Communication, LMAS Affiliated; Professor, School of Journalism and Media
PhD, Tufts University, 1981
Sandra B Straubhaar, Professor of Instruction, Department of Germanic Studies
PhD, Stanford University, 1982
Galen Strawson Chair in Philosophy, Professor, Department of Philosophy
DPhil, University of Oxford, 1983
Jurgen K Streeck, Professor, Department of Communication Studies; Professor, Department of Anthropology; Professor, Department of Germanic Studies
PhD, Free University of Berlin, 1981
Calvin L Streeter Meadows Foundation Centennial Professorship in the Quality of Life in the Rural Environment, Professor, School of Social Work PhD, Washington University in St Louis, 1989

Pauline T Strong, Faculty Associate; Professor, Department of Anthropology; Professor, Center for Women's and Gender Studies; Professor, Program in the Human Dimensions of Organizations PhD, University of Chicago, 1992

Natalie J Stroud E. M. "Ted" Dealey Professorship in the Business of Journalism, Interim Director - Annette Strauss Institute for Civic Life; Professor, Department of Communication Studies; Professor, School of Journalism and Media
PhD, University of Pennsylvania, 2006
Scott R Stroud, Associate Professor, Department of Communication Studies; Associate Professor, Department of Rhetoric and Writing PhD, Temple University, 2006

Sharon L Strover Philip G. Warner Regents Professorship in Communication, Professor, School of Journalism and Media; Director (Academic),
PhD, Stanford University, 1982
David S Stuart Linda and David Schele Chair in the Art and Writing of Mesoamerica, Professor, Department of Art and Art History; Professor, Department of Anthropology
PhD, Vanderbilt University, 1995
Alexa M Stuifbergen Laura Lee Blanton Chair in Nursing, James R. Dougherty, Jr. Centennial Professorship in Nursing, Dean, School of Nursing
PhD, University of Texas at Austin, 1988
Michael F Sturley Fannie Coplin Regents Chair, Professor, School of Law JD, Yale University, 1981

Circe Dawn Sturm, Faculty Associate; Professor, Department of Anthropology
PhD, University of California-Davis, 1997
Venkat Subramanian, Professor, Department of Mechanical Engineering

PhD, University of South Carolina - Columbia, 2001
Laura J Suggs Zarrow Centennial Professorship in Engineering,
Professor, Department of Biomedical Engineering; Professor of Oncology, Department of Oncology
PhD, Rice University, 1998
Marie-Anne P Suizzo, Associate Professor, Department of Educational Psychology
EdD, Harvard University, 1997
Christopher S Sullivan, Professor, Department of Molecular Biosciences PhD, University of Pittsburgh, Pittsburgh Campus, 2000

James Samuel Sulzer, Assistant Professor, Department of Mechanical Engineering
PhD, Northwestern University, 2009
Chenguang Sun, Assistant Professor, Department of Geological Sciences PhD, Brown University, 2014

Nan Sun, Adjunct Associate Professor, Department of Electrical and Computer Engineering
PhD, Harvard University, 2011
Sibum Sung, Associate Professor, Department of Molecular Biosciences PhD, University of Wisconsin-Madison, 2004

Jeremi Suri Mack Brown Distinguished Chair for Leadership in Global Affairs, Faculty Associate; Professor, Lyndon B Johnson School of Public Affairs; Professor, Department of History; Professor, Center for Middle Eastern Studies; Professor, Program in the Human Dimensions of Organizations
PhD, Yale University, 2001
Daniel D Sutherland, Associate Professor, Department of Art and Art History
MFA, Syracuse University Main Campus, 1991
Madelin Sutherland-Meier, Associate Professor, Department of Spanish and Portuguese
PhD, University of California-San Diego, 1983
William B Swann Jr William Howard Beasley III Professorship in the Graduate School of Business, Professor, Department of Psychology; Professor, Department of Management
PhD, University of Minnesota-Twin Cities, 1978
Earl E Swartzlander Jr, Professor, Department of Electrical and Computer Engineering
PhD, University of Southern California, 1972
Sara Johnson Sweitzer, Associate Professor of Instruction, Department of Nutritional Sciences
PhD, University of Texas at Austin, 2009
Sarah A Swords, Assistant Dean, School of Social Work
MSW, Simmons College, 1982
Thibaud Olivier Taillefumier, Assistant Professor, Department of Neuroscience; Assistant Professor, Department of Mathematics PhD, Rockefeller University, 2012

Cynthia M Talbot, Professor, Department of Asian Studies; Professor, Department of History
PhD, University of Wisconsin-Madison, 1988
Eric M Taleff Charlotte Maer Patton Centennial Fellowship in Engineering, Professor, Department of Mechanical Engineering

PhD, Stanford University, 1995
Jon I Tamir Jack Kilby/Texas Instruments Endowed Faculty Fellowship in Computer Engineering, Assistant Professor, Department of Electrical and Computer Engineering; Assistant Professor of Diagnostic Medicine, Department of Diagnostic Medicine
PhD, University of California-Berkeley, 2018
Hirofumi Tanaka Ruth Knight Millikan Centennial Professorship, Professor, Department of Kinesiology and Health Education; Faculty Associate-Education Abroad,
PhD, University of Tennessee, 1995
Takashi Tanaka, Assistant Professor, Department of Aerospace Engineering and Engineering Mechanics; Core Faculty, Oden Institute, PhD, University of Illinois at Urbana-Champaign, 2012

Eric Tang, Associate Professor, Department of African and African Diaspora Studies; Associate Professor, John L Warfield Center for African and African American Studies; Associate Professor, Department of Sociology; Director Academic Center, Center for Asian American Studies PhD, New York University, 2006

Huseyin Tanriverdi Joseph Paschal Dreibelbis Fellowship in Business, Associate Professor, Department of Information, Risk, and Operations Management
DBA, Boston University, 2001
Byron D Tapley, Research Professor, Center for Space Research; Professor Emeritus, Department of Aerospace Engineering and Engineering Mechanics; Other University Affiliate,
PhD, University of Texas at Austin, 1960
David William Taylor Jr Lorene Morrow Kelley Endowed Faculty Fellowship Fund, Assistant Professor, Department of Molecular Biosciences
PhD, Yale University, 2013
Rabun M Taylor Floyd A. Cailloux Centennial Professorship, Professor, Department of Classics; Professor, School of Architecture PhD, University of Minnesota-Twin Cities, 1997

Mehran Tehrani, Assistant Professor, Department of Mechanical Engineering
PhD, Virginia Polytechnic Institute and State University, 2012
Elizabeth Teisberg Cullen Trust for Higher Education Distinguished University Chair in Value-Based Care for Dell Medical School, Professor, Department of Medical Education; Professor, Department of Business, Government and Society; Executive Director, Value Institute for Health and Care,
PhD, Stanford University, 1988
Michael J Telch, Professor, Department of Psychology
PhD, Stanford University, 1982
Anna Tenerani, Assistant Professor, Department of Physics PhD, Universite de Paris VI, Pierre et Marie Curie, 2012

Ahmed Hossam Tewfik Cockrell Family Regents Chair in Engineering \#1, Professor, Department of Electrical and Computer Engineering
ScD, Massachusetts Institute of Technology, 1987
Sean M Theriault, Faculty Associate; Professor, Department of Government
PhD, Stanford University, 2001

Edward C Theriot Harold C. and Mary D. Bold Regents Professorship of Cryptogamic Botany (Phycology), Professor, Department of Integrative Biology; Director,
PhD, University of Michigan-Ann Arbor, 1983
Devarajan Thirumalai Marvin K. Collie-Welch Regents Chair in Chemistry, Professor, Department of Physics; Professor, Department of Chemistry PhD, University of Minnesota-Twin Cities, 1982

Megan Christine Thomas Hebdon, Assistant Professor, School of Nursing PhD, University of Arizona, 2019

Caroline Desiree Thomas, Associate Professor, Department of Economics PhD, University College London, 2011

Kevin J Thomas, Professor, Department of African and African Diaspora Studies; Professor, Department of Sociology
PhD, University of Pennsylvania, 2004
Peter Thomas H-E-B Endowed Chair in Marine Science, Professor, Department of Marine Science; Professor, Department of Integrative Biology
PhD, University of Leicester, 1978
Andrea Lockerd Thomaz, Adjunct Associate Professor, Department of Electrical and Computer Engineering
PhD, Massachusetts Institute of Technology, 2006
Edison Thomaz Jr Jack Kilby/Texas Instruments Endowed Faculty Fellowship in Computer Engineering, Assistant Professor, Department of Electrical and Computer Engineering; Assistant Professor, School of Information
PhD, Georgia Institute of Technology, 2016
Amy Thompson, Non-Teaching Activities 8/18-831; Assistant Professor, Department of Geography and the Environment
PhD, University of New Mexico Main Campus, 2019
Lisa B Thompson Bobby and Sherri Patton Endowed Professorship in African and African Diaspora Studies, Faculty Associate-KUT; Professor, Department of African and African Diaspora Studies; Professor, Department of Theatre and Dance; Professor, Department of English; Professor, John L Warfield Center for African and African American Studies
PhD, Stanford University, 2000
Raymond Thompson Jr, Assistant Professor, School of Journalism and Media
MFA, West Virginia University, 2021
Shirley E Thompson, Associate Professor, Department of American Studies; Associate Professor, John L Warfield Center for African and African American Studies; Associate Professor, Department of African and African Diaspora Studies; Associate Professor, Department of History
PhD, Harvard University, 2001
Thomas Levi Thompson, Assistant Professor, Department of Middle Eastern Studies
PhD, University of California-Los Angeles, 2017
Whitney A Thurman, Assistant Professor, School of Nursing PhD, University of Texas at Austin, 2018

Katharine Allen Tillman, Assistant Professor, Department of Psychology PhD, University of California-San Diego, 2017

Gayle M Timmerman, Associate Dean, School of Nursing; Professor, Department of Medical Education

PhD, Ohio State U Main Campus, 1994
Natalie T J Tindall Isabella Cunningham Chair in Advertising, Professor, Stan Richards School of Advertising and Public Relations PhD, University of Maryland Baltimore, 2007

Scott W Tinker Edwin Allday Centennial Chair in Subsurface Geology, Professor, Department of Geological Sciences; Director - Bureau of Economic Geology,
PhD, University of Colorado at Boulder, 1996
Nicola Tisato, Assistant Professor, Department of Geological Sciences PhD, Swiss Federal Institute of Technology, 2013

Sheridan Titman Walter W. McAllister Centennial Distinguished University Chair in Financial Services, Professor, Department of Finance; Professor, Department of Economics; Director, Energy Management and Innovation Center,
PhD, Carnegie Mellon University, 1981
Mohit Tiwari The Raytheon Company Faculty Fellowship, Associate Professor, Department of Electrical and Computer Engineering PhD, University of California-Santa Barbara, 2011

Stefano Tiziani, Associate Professor, Department of Nutritional Sciences; Associate Professor, Department of Pediatrics; Associate Professor, Department of Oncology
PhD, Ohio State U Main Campus, 2006
Janice S Todd Roy J. McLean Centennial Fellowship in Sports History, Professor, Department of Kinesiology and Health Education; Professor, Center for Women's and Gender Studies
PhD, University of Texas at Austin, 1995
Puay khoon Toh Juanita Dreibelbis Fellowship in Business, Associate Professor, Department of Management
PhD, University of Michigan-Ann Arbor, 2007
Efstathios Tompaidis The Capitol City Savings Regents Professorship, Professor, Department of Information, Risk, and Operations
Management; Professor, Department of Finance
PhD, University of Texas at Austin, 1994
Ufuk Topcu, Associate Professor, Department of Aerospace Engineering and Engineering Mechanics; Core Faculty,
PhD, University of California-Berkeley, 2008
Almeida J Toribio, Professor, Department of Spanish and Portuguese; Professor, John L Warfield Center for African and African American Studies; Professor, Department of African and African Diaspora Studies; Professor, Center for Mexican American Studies
PhD, Cornell University, 1993
Keiko Torii Johnson \& Johnson Centennial Chair in Plant Cell Biology, Professor, Department of Molecular Biosciences
PhD, Univ of Tsukuba, 1993
Rebecca M Torres, Associate Professor, Department of Geography and the Environment; Associate Professor, Department of Mexican American and Latino/a Studies
PhD, University of California-Davis, 2000
Carlos Torres-Verdin Brian James Jennings Memorial Endowed Chair in Petroleum and Geosystems Engineering, Affiliated Faculty, Oden Institute; Professor, Department of Petroleum and Geosystems Engineering; Professor, Department of Geological Sciences PhD, University of California-Berkeley, 1991

Jessica R Toste, Associate Professor, Department of Special Education

PhD, McGill University, 2011
Nur A Touba General Motors Foundation Centennial Teaching Fellowship in Electrical Engineering, Professor, Department of Electrical and Computer Engineering
PhD, Stanford University, 1996
Robert Town James L. and Nancy Powell Centennial Professorship in American Economic Principles, Professor, Department of Economics PhD, University of Wisconsin Colleges, 1990

Sara M Toynbee, Assistant Professor, Department of Accounting PhD, University of Washington - Seattle, 2017

Ciaran Trace John P. Commons Teaching Fellowship, Associate Professor, School of Information
PhD, University of California-Los Angeles, 2004
Ngoc Tran, Assistant Professor, Department of Mathematics PhD, University of California-Berkeley, 2013

John W Traphagan, Faculty Associate; Professor, Department of Religious Studies; Professor, Department of Anthropology; Professor, Program in the Human Dimensions of Organizations
PhD, University of Pittsburgh, Pittsburgh Campus, 1997
Jeffrey Treem, Associate Professor, Department of Communication Studies
PhD, Northwestern University, 2012
Philip U Treisman, Professor, Department of Mathematics; Professor, Lyndon B Johnson School of Public Affairs; Executive Director, PhD, University of California-Berkeley, 1985

Stephen J Trejo, Professor, Department of Economics
PhD, University of Chicago, 1988
Daniel Trugman, Assistant Professor, Department of Geological Sciences PhD, University of California-San Diego, 2017

Thomas M Truskett Dick Rothwell Endowed Chair in Chemical Engineering, Professor, Department of Chemical Engineering; Professor, Department of Physics
PhD, Princeton University, 2001
Yen-Hsi Tsai, Professor, Department of Mathematics; Core Faculty, PhD, University of California-Los Angeles, 2002

Bion Tsang Joe R. \& Teresa Lozano Long Chair in Cello, Professor, Sarah and Ernest Butler School of Music
MM, Yale University, 1993
Maxim Tsoi, Professor, Department of Physics
PhD, Universitat Konstanz, 1998
Elliot Max Tucker-Drob, Professor, Department of Psychology; Professor, Department of Psychiatry
PhD, University of Virginia, 2009
Jeffrey K Tulis, Professor, Department of Government; Professor, Department of Communication Studies; Professor, School of Law PhD, University of Chicago, 1982

Alan Tully Eugene C. Barker Centennial Professorship in American History, Professor, Department of History
PhD, Johns Hopkins University, 1973
James W Tunnell Roberta Woods Ray Centennial Fellowship in Engineering, Associate Professor, Department of Biomedical Engineering;

Associate Professor of Oncology, Department of Oncology; Associate Professor of Diagnostic Medicine, Department of Diagnostic Medicine PhD, Rice University, 2002

John R Turci, Assistant Professor of Instruction, Sarah and Ernest Butler School of Music; Assistant Dean, College of Fine Arts
PhD, Yale University, 2004
Cody Tuttle, Assistant Professor, Department of Economics
MA, University of Maryland College Park, 2016
Emanuel Tutuc B. N. Gafford Professorship in Electrical Engineering,
Professor, Department of Electrical and Computer Engineering; Professor,
Department of Physics
PhD, Princeton University, 2004
Michael Tye Dallas TACA Centennial Professorship in the Liberal Arts, Professor, Department of Philosophy
PhD, New York University, 1975
Danilo F Udovicki, Associate Professor, School of Architecture PhD, Massachusetts Institute of Technology, 1995

Debra J Umberson Centennial Commission Professorship in the Liberal Arts \#1, Professor, Department of Sociology; Professor, School of Social Work
PhD, Vanderbilt University, 1985
Benjamin J Umlauf, Assistant Professor, Department of Neurosurgery PhD, University of Texas Southwestern Medical Center at Dallas, 2015

Thomas Carlton Underwood, Adjunct/Clinical Affiliate, Department of Aerospace Engineering and Engineering Mechanics
PhD, Stanford University, 2019
Deborah Unferth, Associate Professor, Department of English
MFA, Syracuse University Main Campus, 1998
Sean J Upshaw, Assistant Professor, Stan Richards School of Advertising and Public Relations
PhD, Howard University, 2018
Per K Urlaub, Adjunct Associate Professor, Department of Germanic Studies
PhD, Stanford University, 2008
Luis Urrieta Charles H. Spence, Sr. Centennial Professorship in Education, Faculty Associate; Professor, Department of Curriculum and Instruction; Professor, Center for Mexican American Studies
PhD, University of North Carolina at Chapel Hill, 2003
Carmen R Valdez, Associate Professor, School of Social Work; Associate Professor, Department of Mexican American and Latino/a Studies;
Associate Professor, Department of Population Health
PhD, University of Texas at Austin, 2004
Fred Valdez Jr, Faculty Associate - VAC; Professor, Department of Anthropology
PhD, Harvard University, 1987
Joel Valentin-Martinez, Associate Professor, Department of Theatre and Dance
MFA, University of Wisconsin-Milwaukee, 2011
Colette T Valentine, Associate Professor, Sarah and Ernest Butler School of Music
DMA, State University of New York at Stony Brook, 2005
Angela Valenzuela, Professor, Department of Educational Leadership and Policy; Professor, Center for Mexican American Studies; Professor,

Department of Curriculum and Instruction; Professor, Department of Mexican American and Latino/a Studies
PhD, Stanford University, 1990
Jonathan W Valvano Engineering Foundation Centennial Teaching Fellowship in Electrical Engineering No. 1, Professor, Department of Electrical and Computer Engineering
PhD, Massachusetts Institute of Technology, 1981
Harm J Van Avendonk, Senior Research Scientist, PhD, University of California-San Diego, 1998

Robert A Van De Geijn, Professor, Institute for Computational Engineering and Science; Professor Emeritus, Department of Computer Science PhD, University of Maryland University College, 1987

Eric van Oort Joe J. King Chair of Engineering No. 2, Professor, Department of Petroleum and Geosystems Engineering PhD, University of Amsterdam, 1990

Carla L Vandenberg, Associate Professor, College of Pharmacy; Associate Professor of Oncology, Department of Oncology;
Developmental Therapeutics Lab Co-Director, Livestrong Cancer Institute, PharmD, University of Texas at Austin, 1991

David A Vandenbout Robert E. Boyer Chair in Natural Sciences, Mary Ann Rankin Leadership Chair for the College of Natural Sciences, Professor, Department of Chemistry; Dean, College of Natural Sciences, College of Natural Sciences
PhD, University of Texas at Austin, 1995
Anita L Vangelisti Jesse H. Jones Centennial Chair in Communication, Professor, Department of Communication Studies; Senior Associate Dean for Faculty Affairs and Graduate Education,
PhD, University of Texas at Austin, 1989
Philip L Varghese Ernest H. Cockrell Centennial Chair in Engineering, Professor, Department of Aerospace Engineering and Engineering Mechanics; Director (Academic),
PhD, Stanford University, 1983
Anita Varma, Assistant Professor, School of Journalism and Media PhD, Stanford University, 2018

Fatima Alesia Varner, Assistant Professor, Department of Human Development and Family Sciences
PhD, Northwestern University, 2010
Karen Marie Vasquez James T. Doluisio Regents Professorship in Pharmacy, Professor, College of Pharmacy; Professor, Department of Pediatrics; Professor, Department of Oncology; Division Head Pharmacology and Toxicology,
PhD, Baylor College of Medicine, 1996
Alexis F Vasseur John T. Stuart III Centennial Professorship in Mathematics, Professor, Department of Mathematics
PhD, Universite de Paris VI, Pierre et Marie Curie, 1999
Pavithra Vasudevan, Assistant Professor, Department of African and African Diaspora Studies; Assistant Professor, Center for Women's and Gender Studies; Assistant Professor, Department of Geography and the Environment; Assistant Professor, John L Warfield Center for African and African American Studies
MA, University of North Carolina at Chapel Hill, 2013
Sharon Vaughn Manuel J. Justiz Endowed Chair in Math, Science, and Technology in Teacher Education, Professor, Department of Special Education; Director of The Meadows Center,

PhD, University of Arizona, 1981
Mary M Velasquez Centennial Professorship in Leadership for Community, Professional, and Corporate Excellence, Faculty Associate; Professor, School of Social Work; Professor, Department of Psychiatry; Professor of Population Health, Department of Population Health PhD, University of Texas Health Science Center at Houston, 1997

Vijaychidambaram Velayudhan Pillai, Assistant Professor, Department of Computer Science
PhD, University of Wisconsin Colleges, 2013
Aruhn Venkat, Assistant Professor, Department of Accounting MA, American University, 2016

Haris Vikalo William W. Hagerty Fellowship in Engineering, Professor, Department of Electrical and Computer Engineering PhD, Stanford University, 2003

Tracy A Villareal, Professor Emeritus, Department of Marine Science PhD, University of Rhode Island, 1989

Charles W Villarrubia, Professor, Sarah and Ernest Butler School of Music MM, Boston University, 1988

Maurizio Viroli, Professor, Department of Government; Professor, Department of French and Italian
PhD, European University Institute, 1985
Mikhail M Vishik, Professor, Department of Mathematics PhD, University of Moscow, 1980

Sriram Vishwanath, Faculty Associate; Professor, Department of Electrical and Computer Engineering
PhD, Stanford University, 2004
Bindu Viswanathan, Assistant Professor of Instruction, Department of Statistics and Data Sciences
PhD, Emory University, 1999
Stephen I Vladeck Charles Alan Wright Chair in Federal Courts, Professor, School of Law
JD, Yale University, 2004
Shetal Vohra, Faculty Associate; Assistant Professor, School of Social Work
PhD, University of Houston, 2009
Steven A Vokes, Associate Professor, Department of Molecular Biosciences
PhD, University of Texas at Austin, 2002
Paul Von hippel, Associate Professor, Lyndon B Johnson School of Public Affairs; Associate Professor, Department of Sociology PhD, Ohio State U Main Campus, 2010

Kirk L Von Sternberg, Associate Professor, School of Social Work PhD, University of Texas Health Science Center at Houston, 2005

Paul Etienne Vouga, Associate Professor, Department of Computer Science
PhD, Columbia University in the City of New York, 2011
Maria D Wade, Associate Professor, Department of Anthropology PhD, University of Texas at Austin, 1998

Wendy E Wagner Richard Dale Endowed Chair in Law, Joe A. Worsham Centennial Professorship in Law, Professor, School of Law
JD, Yale University, 1987

Louis A Waldman, Associate Professor, Department of Art and Art History; Associate Professor, Department of French and Italian PhD, New York University, 1999

Hannah L Walker, Assistant Professor, Department of Government PhD, University of Washington - Seattle, 2016

Jeffrey Walker, Professor Emeritus, Department of Rhetoric and Writing PhD, University of California-Berkeley, 1985

Juliet E K Walker, Professor Emeritus, Department of History PhD, University of Chicago, 1976

Lorraine O Walker Luci B. Johnson Centennial Professorship in Nursing, Professor, School of Nursing
EdD, Indiana University at Bloomington, 1971
Stephen G Walker Paul D. and Betty Robertson Meek and American Petrofina Foundation Centennial Professorship in Business, Professor, Department of Mathematics; Professor, Department of Statistics and Data Sciences
PhD, Imperial College of Science, Technology and Medicine, University of London, 1995

Scott Wallace, Associate Professor of Medicine, Department of Medical Education; Clinical Associate Professor, Department of Accounting; Managing Director, Value Institute for Health and Care,
JD, University of Chicago, 1988
John B Wallingford Mr. and Mrs. Robert P. Doherty, Jr. Regents Chair in Molecular Biology, Professor, Department of Molecular Biosciences PhD, University of Texas at Austin, 1998

Patrick F Walter, Assistant Professor of Instruction, Department of African and African Diaspora Studies
PhD, State University of New York at Buffalo, 2012
Denton Walthall, Assistant Professor, Department of Classics PhD, Princeton University, 2013

C Michael Walton, Professor Emeritus, Department of Civil, Architectural, and Environmental Engineering
PhD, North Carolina State University, 1971
Atlas Wang Jack Kilby/Texas Instruments Endowed Faculty Fellowship in Computer Engineering, Affiliated Faculty, Oden Institute; Assistant
Professor, Department of Electrical and Computer Engineering PhD, University of Illinois at Urbana-Champaign, 2016

Huiliang Wang, Assistant Professor, Department of Biomedical Engineering
PhD, Stanford University, 2014
Jun Wang, Associate Professor, Department of Speech, Language, and Hearing Sciences; Associate Professor, Department of Neurology PhD, University of Nebraska - Lincoln, 2011

Junmin Wang Lee Norris \& Linda Steen Norris Endowed Professorship in Mechanical Engineering, Professor, Department of Mechanical Engineering
PhD, University of Texas at Austin, 2007
Wennie Wang, Assistant Professor, Department of Chemical Engineering PhD, University of California-Santa Barbara, 2018

Wilfried Wang O'Neil Ford Centennial Chair in Architecture, Professor, School of Architecture
MS, University College London, 1981

Yaguo Wang Temple Foundation Endowed Faculty Fellowship No. 1, Associate Professor, Department of Mechanical Engineering; Faculty Associate-ENGR,
PhD, Purdue University Main Campus, 2011
Adrian F Ward, Assistant Professor, Department of Marketing PhD, Harvard University, 2013

Peter Ward, Professor Emeritus, Department of Sociology; Professor Emeritus, Lyndon B Johnson School of Public Affairs PhD, University of Liverpool, 1976

Rachel A Ward, Professor, Department of Mathematics; Core Faculty, PhD, Princeton University, 2009

Luke Christopher Waring, Faculty Associate; Assistant Professor, Department of Asian Studies
PhD, Princeton University, 2019
Jamie Warner Hayden Head Centennial Professorship, Professor, Department of Mechanical Engineering; Professor, Department of Electrical and Computer Engineering
PhD, University of Queensland, 2005
Ruth Ellen Wasem, Professor of Practice, Lyndon B Johnson School of Public Affairs
PhD, University of Michigan-Ann Arbor, 1990
Daniel M Wasserman Temple Foundation Endowed Faculty Fellowship No. 4, Professor, Department of Electrical and Computer Engineering PhD, Princeton University, 2004

Melissa Feeney Wasserman Charles Tilford McCormick Professorship in Law, Professor, School of Law
JD, New York University, 2007
Brent R Waters, Professor, Department of Computer Science
PhD, Princeton University, 2004
Samuel C Watkins Ernest A. Sharpe Centennial Professorship in Communication, Faculty Associate; Professor, School of Journalism and Media
PhD, University of Michigan-Ann Arbor, 1994
Andrew Waxman, Assistant Professor, Lyndon B Johnson School of Public Affairs
PhD, Cornell University, 2016
Catherine Elizabeth Weaver, Faculty Associate; Associate Professor, Lyndon B Johnson School of Public Affairs
PhD, University of Wisconsin-Madison, 2003
Lauren J Webb, Professor, Department of Chemistry
PhD, California Institute of Technology, 2005
Michael Webber Josey Centennial Professorship in Energy Resources, Professor, Department of Mechanical Engineering PhD, Stanford University, 2001

Anthony K Webster, Professor, Department of Anthropology; Professor, Department of Linguistics
PhD, University of Texas at Austin, 2004
Stephen M Wechsler, Professor, Department of Linguistics
PhD, Stanford University, 1991
Jacob A Wegmann, Associate Professor, School of Architecture
MCP, Massachusetts Institute of Technology, 2006

Xuexin Wei, Assistant Professor, Department of Neuroscience; Assistant
Professor, Department of Psychology
PsyD, University of Pennsylvania, 2015
Louise Weinberg, Professor Emeritus, School of Law
JD, Harvard University, 1969
Alexander Ariel Weinreb, Professor, Department of Sociology; Academic Center Affiliate, Center for Middle Eastern Studies

PhD, University of Pennsylvania, 2000
Abigail Weitzman, Assistant Professor, Department of Sociology PhD, New York University, 2015

Rachel Wellhausen, Associate Professor, Department of Government; Associate Professor, Department of Business, Government and Society PhD, Massachusetts Institute of Technology, 2012

Bruce Wells, Associate Professor, Department of Middle Eastern Studies PhD, Johns Hopkins University, 2003

Wen Wen, Associate Professor, Department of Information, Risk, and Operations Management
PhD, Georgia Institute of Technology, 2012
Timothy Daniel Werner Eleanor T. Mosle Fellowship, Associate Professor, Department of Business, Government and Society; Associate Professor, Department of Government
PhD, University of Wisconsin-Madison, 2009
Charles J Werth Bettie Margaret Smith Chair in Environmental Health Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, Stanford University, 1997
Justin West, Assistant Professor, Sarah and Ernest Butler School of Music

PhD, University of North Texas, 2018
Katharine West, Assistant Professor of Practice, School of Journalism and Media
PhD, University of Texas at Austin, 2012
Jay L Westbrook Benno C. Schmidt Chair of Business Law, Professor, School of Law
JD, University of Texas at Austin, 1968
Alexandra K Wettlaufer Stuart W. Stedman Director's Chair in Plan II, Hayden W. Head Regents Chair in the Plan II Honors Program, Professor, Department of French and Italian; Professor, Plan II Honors Program PhD, Columbia University in the City of New York, 1993

Melissa R Wetzel, Professor, Department of Curriculum and Instruction PhD, Washington University in St Louis, 2007

Sossou Urbain Weyemi, Assistant Professor, Department of Molecular Biosciences
PhD, Universite de Paris XI, Paris-Sud, 2010
Kurt G Weyland Mike Hogg Professorship in Liberal Arts, Professor, Department of Government
PhD, Stanford University, 1991
Marianne Wheeldon, Professor, Sarah and Ernest Butler School of Music PhD, Yale University, 1997

Mary F Wheeler Ernest and Virginia Cockrell Chair in Engineering, Professor, Department of Petroleum and Geosystems Engineering; Professor, Department of Aerospace Engineering and Engineering

Mechanics; Professor, Department of Mathematics; Professor, Institute for Computational Engineering and Science; Core Faculty, PhD, Rice University, 1971

Andrew B Whinston Harkins \& Company Centennial Distinguished University Chair, Professor, Department of Information, Risk, and Operations Management; Professor, Department of Economics; Professor, Department of Computer Science
PhD, Carnegie Mellon University, 1962
Brian White Ernst \& Young Faculty Fellowship in Accounting, Associate Professor, Department of Accounting
PhD, University of Illinois at Urbana-Champaign, 2012
Kari L White, Faculty Associate; Associate Professor, School of Social Work; Associate Professor, Department of Sociology
PhD, University of Texas at Austin, 2001
Stephen A White, Professor, Department of Classics; Professor, Department of Philosophy
PhD, University of California-Berkeley, 1987
Christian P Whitman Romeo T. Bachand, Jr. Regents Professorship in Pharmacy, Alumni Centennial Endowed Fellowship in Pharmacy, Professor, College of Pharmacy
PhD, University of California-San Francisco, 1984
Tiffany A Whittaker, Faculty Associate; Associate Professor, Department of Educational Psychology
PhD, University of Texas at Austin, 2003
Abraham Lee Wickelgren Fred and Emily Marshall Wulff Centennial Chair in Law, Professor, School of Law
JD, Harvard University, 1994
Elizabeth Widen, Assistant Professor, Department of Nutritional Sciences; Assistant Professor, Department of Women's Health; Assistant Professor, Department of Pediatrics
PhD, University of North Carolina at Chapel Hill, 2012
Nichole Wiedemann The Paul Philippe Cret Centennial Teaching Fellowship in Architecture, Associate Professor, School of Architecture MA, Princeton University, 1992

Gary B Wilcox John A. Beck Centennial Professorship in Communication, Professor, Stan Richards School of Advertising and Public Relations PhD, Michigan State University, East Lansing, 1982

Darlene C Wiley Frank C. Erwin, Jr. Centennial Professorship in Opera, Professor, Sarah and Ernest Butler School of Music
MM, University of Illinois at Urbana-Champaign, 1969
Claus O Wilke Jane and Roland Blumberg Centennial Professorship in Molecular Evolution, Dwight W. and Blanche Faye Reeder Centennial Fellowship in Systematic and Evolutionary Biology, Course Developer/ IOR - MSDS; Professor, Department of Integrative Biology; Professor, Department of Statistics and Data Sciences
PhD, Ruhr-Universitat Bochum, 1999
Lynn R Wilkinson, Associate Professor, Center for Women's and Gender Studies; Associate Professor, Department of Germanic Studies PhD, University of California-Berkeley, 1983

Jennifer M Wilks, Associate Professor, Department of English; Associate Professor, John L Warfield Center for African and African American Studies; Associate Professor, Department of African and African Diaspora Studies
PhD, Cornell University, 2003

Karen E Willcox Peter O'Donnell, Jr. Centennial Chair in Computing Systems, W.A. "Tex" Moncrief, Jr. Endowment in Simulation-Based Engineering and Sciences - Endowed Chair No. 5, Peter and Edith O'Donnell Distinguished Chair at ICES, Professor, Department of Aerospace Engineering and Engineering Mechanics; Professor, Institute for Computational Engineering and Science; Associate Vice President for Research-Oden Institute,
PhD, Massachusetts Institute of Technology, 2000
Braden Mern Williams, Associate Professor, Department of Accounting MAcc, Brigham Young University, 2009

Christine L Williams Elsie and Stanley E. (Skinny) Adams, Sr. Centennial Professorship in Liberal Arts, Professor, Department of Sociology;
Professor, Center for Women's and Gender Studies
PhD, University of California-Berkeley, 1986
Holly A Williams, Professor, Department of Theatre and Dance MFA, Texas Woman's University - Denton, 1994

Jeff Williams, Associate Professor, Department of Art and Art History MFA, Syracuse University Main Campus, 2002

Robert O Williams III Johnson \& Johnson Centennial Chair in Pharmacy, Professor, College of Pharmacy; Division Head - Molecular Pharmaceutics and Drug Delivery,
PhD, University of Texas at Austin, 1986
Sean H Williams F. Scott Baldwin Research Professorship in Law, Professor, School of Law
JD, University of Chicago, 2004
Eric B Williamson J. Hugh and Betty Liedtke Centennial Fellowship in Engineering, Interim Director, Organized Research Unit, Phil M. Ferguson Structural Engineeri; Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of Illinois at Urbana-Champaign, 1996
Hannah Williamson, Assistant Professor, Department of Human Development and Family Sciences
PhD, University of California-Los Angeles, 2017
Sinead Williamson, Assistant Professor, Department of Statistics and Data Sciences
PhD, University of Cambridge, 2012
Carlton G Willson, Professor Emeritus, Department of Chemical Engineering; Professor Emeritus, Department of Chemistry PhD, University of California-Berkeley, 1974

Clark R Wilson, Retired Professor,
PhD, University of California-San Diego, 1975
Patricia A Wilson, Professor, School of Architecture
PhD, Cornell University, 1975
Preston S Wilson Paul D. and Betty Robertson Meek Centennial Professorship in Engineering, Professor, Department of Mechanical Engineering; Professor, Applied Research Laboratories PhD, Boston University, 2002

Samuel M Wilson, Professor Emeritus, Department of Anthropology PhD, University of Chicago, 1986

Don Winget Harlan J. Smith Centennial Professorship in Astronomy, Professor, Department of Astronomy
PhD, University of Rochester, 1982
Thomas E Wiseman, Professor, Department of Economics

PhD, Northwestern University, 2001
Emmett Witchel, Professor, Department of Computer Science PhD, Massachusetts Institute of Technology, 2004

Scott R Witthoft, Associate Professor of Practice, School of Design and Creative Technologies
MS, Stanford University, 2008
Christopher Wlezien Mike Hogg Professorship in Government, Professor, Department of Government
PhD, University of Iowa, 1989
Hannah Chapelle Wojciehowski Arthur J. Thaman and Wilhelmina Dore' Thaman Endowed Professorship in English \#2, Professor, Department of English
PhD, Yale University, 1984
Amelia Wolf, Assistant Professor, Department of Integrative Biology PhD, Stanford University, 2011

Michael Scott Wolford, Professor, Department of Government PhD, Emory University, 2008

Patrick P Wong, Associate Professor, Lyndon B Johnson School of Public Affairs
PhD, University of Wisconsin-Madison, 1988
Sharon L Wood Cockrell Family Chair in Engineering \#14, Professor, Department of Civil, Architectural, and Environmental Engineering;
Executive Vice President \& Provost, Office of the Executive Vice
President and Provost
PhD, University of Illinois at Urbana-Champaign, 1986
Helena Woodard, Professor, Department of English; Professor, John L Warfield Center for African and African American Studies; Professor, Department of African and African Diaspora Studies
PhD, University of North Carolina at Chapel Hill, 1991
Anthony C Woodbury Jesse H. Jones Regents Professorship in Liberal Arts, Professor, Department of Linguistics; Professor, Department of Anthropology
PhD, University of California-Berkeley, 1981
Paul B Woodruff, Faculty Associate; Professor, Department of Classics; Professor, Department of Philosophy; Professor, Program in the Human Dimensions of Organizations
PhD, Princeton University, 1973
Marjorie C Woods, Distinguished Teaching Professor Emeritus, Department of English
PhD, University of Toronto, 1977
Jacqueline D Woolley, Professor, Department of Psychology PhD, University of Michigan-Ann Arbor, 1990

Patrick Woolley A. W. Walker Centennial Chair in Law, Professor, School of Law
JD, Yale University, 1987
Samuel Christopher Woolley, Assistant Professor, School of Journalism and Media; Assistant Professor, School of Information MA, Claremont Graduate University, 2011

Mary J Worthy, Professor Emeritus, Department of Curriculum and Instruction
PhD, University of Virginia (Old Code), 1989
Sarah L Woulfin, Associate Professor, Department of Educational Leadership and Policy

PhD, University of California-Berkeley, 2012
John Wright, Adjunct Assistant Professor, Department of Computer Science
PhD, Carnegie Mellon University, 2016
Michelle L Wright, Assistant Professor, School of Nursing; Assistant Professor, Department of Women's Health
PhD, University of North Dakota Main Campus, 2014
David Junzi Wu Computer Sciences Endowed Faculty Fellowship No. 5, Assistant Professor, Department of Computer Science
PhD, Stanford University, 2018
Charters S Wynn, Associate Professor, Department of History; Associate Professor, Department of Slavic and Eurasian Studies
PhD, Stanford University, 1987
Blerta Xhemalce, Associate Professor, Department of Molecular Biosciences
PhD, Universite de Paris VII, Denis Diderot, 2006
Mindy Xiaolan, Assistant Professor, Department of Finance PhD, University of California-Los Angeles, 2014

Bo Xie, Professor, School of Nursing; Professor, School of Information PhD, Rensselaer Polytechnic Institute, 2006

Haiqing Xu, Associate Professor, Department of Economics
PhD, Pennsylvania State University Park, 2011
Ying Xu, Adjunct Associate Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, Virginia Polytechnic Institute and State University, 2009
Veronica Yan, Faculty Associate; Assistant Professor, Department of Educational Psychology; Assistant Professor, Department of Psychology PhD, University of California-Los Angeles, 2014

John A Yancey John D. Murchison Regents Professorship in Art,
Professor, Department of Art and Art History; Associate Dean, College of Fine Arts
MFA, Georgia Southern University, 1993
Kun Yang, Assistant Professor, College of Pharmacy
PhD, University of Delaware, 2016
Zong-Liang Yang John A. and Katherine G. Jackson Chair in Earth System Sciences, Professor, Department of Geological Sciences PhD, Macquarie University, 1992

Thomas Yankeelov W. A. "Tex" Moncrief, Jr. Chair in Computational Engineering and Sciences IV - Computational Oncology, W. A. "Tex" Moncrief, Jr. Chair in Computational Engineering and Sciences IV - Computational Oncology, Professor, Department of Biomedical Engineering; Professor, Institute for Computational Engineering and Science; Professor, Department of Oncology; Professor, Department of Diagnostic Medicine; Core Faculty,
PhD, State University of New York at Stony Brook, 2003
Zhen Yao, Associate Professor, Department of Physics
PhD, Harvard University, 1997
David Scott Yeager, Faculty Associate; Associate Professor, Department of Psychology
PhD, Stanford University, 2011
Hsin-Chih Yeh David and Doris Lybarger Endowed Faculty Fellowship in Engineering, Associate Professor, Department of Biomedical Engineering

PhD, Johns Hopkins University, 2008
Stephen Yi, CS Spring 2022 Faculty Associate; Assistant Professor, Department of Biomedical Engineering; Assistant Professor, Department of Oncology
PhD, Harvard University, 2016
Ali E Yilmaz William H. Hartwig Fellowship in Electrical Engineering, Professor, Department of Electrical and Computer Engineering; Core Faculty,
PhD, University of Illinois at Urbana-Champaign, 2005
Linda H Yoder, Professor, School of Nursing
PhD, University of Pennsylvania, 1992
Cara Young, Associate Professor, School of Nursing
PhD, Vanderbilt University, 2010
Hershini Young, Professor, Department of African and African Diaspora Studies; Professor, John L Warfield Center for African and African American Studies
PhD, University of California-Berkeley, 1999
Kenneth R Young, Professor, Department of Geography and the Environment; Professor, Teresa Lozano Long Institute of Latin American Studies
PhD, University of Colorado at Boulder, 1990
Michael Howard Young, Senior Research Scientist, PhD, University of Arizona, 1995

Michael P Young, Professor, Department of Sociology
PhD, New York University, 2000
Chen Yu Charles and Sarah Seay Regents Professorship in Developmental Psychology, Professor, Department of Psychology PhD, University of Rochester, 2004

Edward T Yu Judson S. Swearingen Regents Chair in Engineering, Professor, Department of Electrical and Computer Engineering PhD, California Institute of Technology, 1991

Guihua Yu William J. Murray, Jr. Fellowship in Engineering No. 3, Associate Professor, Department of Mechanical Engineering PhD, Harvard University, 2009

Yong Yu C. Aubrey Smith Professorship in Accounting, Professor, Department of Accounting
PhD, Pennsylvania State University Park, 2006
Harold H Zakon, Professor, Department of Neuroscience; Professor, Department of Integrative Biology
PhD, Cornell University, 1981
Emilio Zamora Clyde Rabb Littlefield Chair in Texas History, Professor, Department of History; Professor, Center for Mexican American Studies PhD, University of Texas at Austin, 1983

Kelly R Zamudio, Professor, Department of Integrative Biology PhD, University of Washington - Seattle, 1996

Renato Zanetti, Assistant Professor, Department of Aerospace Engineering and Engineering Mechanics; Core Faculty, Oden Institute, PhD, University of Texas at Austin, 2007

Thaleia Zariphopoulou Chair in Mathematics, V. F. Neuhaus Centennial Professorship in Finance, Professor, Department of Mathematics; Professor, Department of Information, Risk, and Operations Management PhD, Brown University, 1989

Luis H Zayas The Robert Lee Sutherland Chair in Mental Health and Social Policy, Dean, School of Social Work; Professor, Department of Psychiatry
PhD, Columbia University in the City of New York, 1986
Boris Zemelman, Associate Professor, Department of Neuroscience PhD, Stanford University, 1997

Feng Zhang, Associate Professor, College of Pharmacy
PhD, University of Texas at Austin, 1999
Ming Zhang, Professor, School of Architecture
PhD, Massachusetts Institute of Technology, 2002
Yan Zhang, Professor, Department of Molecular Biosciences
PhD, The Scripps Research Institute, 2004
Yan Zhang John P. Commons Teaching Fellowship, Associate Professor, School of Information
PhD, University of North Carolina at Chapel Hill, 2009
Zhanmin Zhang, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of Texas at Austin, 1996
Bo Zhao, Assistant Professor, Department of Biomedical Engineering; Assistant Professor of Diagnostic Medicine, Department of Diagnostic Medicine; Core Faculty,
PhD, University of Illinois at Urbana-Champaign, 2014
Wuyang Zhao, Assistant Professor, Department of Accounting
PhD, Fudan University, 2013
Ronghuo Zheng, Assistant Professor, Department of Accounting PhD, Carnegie Mellon University, 2016

Yuebing Zheng Temple Foundation Endowed Teaching Fellowship in Engineering No. 2, Associate Professor, Department of Mechanical Engineering
PhD, Pennsylvania State University Park, 2010
Jianshi Zhou, Research Professor, Department of Mechanical
Engineering
PhD, Northeast Normal University, 1991
Lei Zhou, Assistant Professor, Department of Mechanical Engineering SM, Massachusetts Institute of Technology, 2014

Mingyuan Zhou Curtis Mathes Memorial Fellowship, Associate Professor, Department of Information, Risk, and Operations Management; Associate Professor, Department of Statistics and Data Sciences
PhD, Duke University, 2013
Yuanjin Zhou, Assistant Professor, School of Social Work; Assistant Professor of Health Social Work, Department of Health Social Work MSSW, Xiamen University, 2016

Hao Zhu Jack Kilby/Texas Instruments Endowed Faculty Fellowship in Computer Engineering, Assistant Professor, Department of Electrical and Computer Engineering
PhD, University of Minnesota-Twin Cities, 2012
Yuke Zhu, Assistant Professor, Department of Computer Science MS, Stanford University, 2015

Corwin Zigler, Associate Professor, Department of Statistics and Data Sciences; Associate Professor, Department of Women's Health PhD, University of California-Los Angeles, 2010

Aaron Zimmerman, Assistant Professor, Department of Physics

PhD, California Institute of Technology, 2013
Gordan Zitkovic Frank E. Gerth III Faculty Fellowships, The President's Associates Centennial Teaching Fellowship in Mathematics, Professor, Department of Mathematics
PhD, Columbia University in the City of New York, 2003
Janeta Zoldan, Associate Professor, Department of Biomedical Engineering
PhD, Technion-Israel Institute of Technology, 2004
Jorge G Zornberg Brunswick-Abernathy Regents Professorship in Soil Dynamics and Geotechnical Engineering, Professor, Department of Civil, Architectural, and Environmental Engineering
PhD, University of California-Berkeley, 1994
David I Zuckerman Professorship in Computer Sciences \#1, Professor, Department of Computer Science
PhD, University of California-Berkeley, 1991
Julie A Zuniga, Associate Professor, School of Nursing PhD, University of Texas at Austin, 2013

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[^1]:    The Master of Science in Nursing degree and the Doctor of Nursing Practice programs are fully accredited by the Commission on Collegiate Nursing Education (CCNE). All graduate degree programs, including the

