

# Informatics/Information Studies (BSI/MSIS)

## Graduate Handbook

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and [online](#). Please contact the program with concerns or questions.

## Admission

Admission to the integrated Bachelor of Science in Informatics and Master of Science in Information Studies (BSI/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 degree, followed by the Master of Science in Information Studies degree. Only current undergraduate Informatics students in good academic standing with at least a 3.5 grade point average (GPA) in required undergraduate Informatics courses may apply to the BA or BSI/MSIS Integrated Program.

## Total Hours Required: 150

### Undergraduate: 120

### Graduate: 30

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. Please note the Informatics (BSI) program below is offered in six different concentrations, the example below is one potential path.

## Plan of Study

The Plan of Study is a suggested four-year course sequence to support academic planning and serves as a helpful guide. Currently enrolled students should meet with their academic advisor to tailor their course selections and timelines to their individual goals and circumstances.

| Course                                            | Title                                       | Hours     |
|---------------------------------------------------|---------------------------------------------|-----------|
| <b>Year 1</b>                                     |                                             |           |
| <b>Semester 1</b>                                 |                                             |           |
| I 301                                             | Introduction to Informatics                 | 3         |
| I 302                                             | Academic Success in the Digital University  | 3         |
| <u>U.S. History (060)</u>                         |                                             | 3         |
| <u>Social and Behavioral Sciences (080)</u>       |                                             | 3         |
| <u>First-Year Signature Course (090)</u>          |                                             | 3         |
| <b>Hours</b>                                      |                                             | <b>15</b> |
| <b>Semester 2</b>                                 |                                             |           |
| I 303                                             | Ethical Foundations for Informatics         | 3         |
| I 304                                             | Programming for Informatics                 | 3         |
| <u>Mathematics (020)</u>                          |                                             | 3         |
| <u>U.S. History (060)</u>                         |                                             | 3         |
| RHE 306                                           | Rhetoric and Writing                        | 3         |
| <b>Hours</b>                                      |                                             | <b>15</b> |
| <b>Year 2</b>                                     |                                             |           |
| <b>Semester 1</b>                                 |                                             |           |
| I 305                                             | Research Methods for Informatics            | 3         |
| <u>Transcript-recognized minor or certificate</u> |                                             | 3         |
| I 310D                                            | Introduction to Human-Centered Data Science | 3         |
| <u>Visual and Performing Arts (050)</u>           |                                             | 3         |

|                                                                     |                                            |            |
|---------------------------------------------------------------------|--------------------------------------------|------------|
| GOV 310L                                                            | American and Texas Government              | 3          |
| <b>Hours</b>                                                        |                                            | <b>15</b>  |
| <b>Semester 2</b>                                                   |                                            |            |
| I 306                                                               | Statistics for Informatics                 | 3          |
| I 310J                                                              | Introduction to Social Justice Informatics | 3          |
| <u>Transcript-recognized minor or certificate</u>                   |                                            | 3          |
| E 316L                                                              | British Literature                         | 3          |
| GOV 312L                                                            | Issues and Policies in American Government | 3          |
| <b>Hours</b>                                                        |                                            | <b>15</b>  |
| <b>Year 3</b>                                                       |                                            |            |
| <b>Semester 1</b>                                                   |                                            |            |
| <u>Foreign Language other than English, Beginning Proficiency</u>   |                                            | 3          |
| I 320D                                                              | Topics in Human-Centered Data Science      | 3          |
| <u>Natural Science and Technology, Part I (030)</u>                 |                                            | 3          |
| <u>Transcript-recognized minor or certificate</u>                   |                                            | 3          |
| Free Elective (upper-division)                                      |                                            | 3          |
| <b>Hours</b>                                                        |                                            | <b>15</b>  |
| <b>Semester 2</b>                                                   |                                            |            |
| I 372                                                               | Career Success in the Digital Organization | 3          |
| <u>Natural Science and Technology, Part II (093)</u>                |                                            | 3          |
| I 320D                                                              | Topics in Human-Centered Data Science      | 3          |
| Free Elective (upper-division)                                      |                                            | 3          |
| <u>Transcript-recognized minor or certificate</u>                   |                                            | 3          |
| <b>Hours</b>                                                        |                                            | <b>15</b>  |
| <b>Year 4</b>                                                       |                                            |            |
| <b>Semester 1</b>                                                   |                                            |            |
| Hours chosen from: science, technology, engineering, or math course |                                            | 3          |
| I 320D                                                              | Topics in Human-Centered Data Science      | 3          |
| Free Elective                                                       |                                            | 6          |
| <u>Natural Science and Technology, Part I (030)</u>                 |                                            | 3          |
| Graduate Coursework                                                 |                                            | 3          |
| <b>Hours</b>                                                        |                                            | <b>18</b>  |
| <b>Semester 2</b>                                                   |                                            |            |
| I 379C                                                              | Capstone                                   | 3          |
| Free Elective (informatics)                                         |                                            | 3          |
| Free Elective                                                       |                                            | 3          |
| Hours chosen from: science, technology, engineering, or math course |                                            | 3          |
| <u>Transcript-recognized minor or certificate</u>                   |                                            | 3          |
| Graduate Coursework                                                 |                                            | 3          |
| <b>Hours</b>                                                        |                                            | <b>18</b>  |
| <b>Year 5</b>                                                       |                                            |            |
| <b>Semester 1</b>                                                   |                                            |            |
| Graduate Coursework                                                 |                                            | 9          |
| <b>Hours</b>                                                        |                                            | <b>9</b>   |
| <b>Semester 2</b>                                                   |                                            |            |
| Graduate Coursework                                                 |                                            | 9          |
| <b>Hours</b>                                                        |                                            | <b>9</b>   |
| <b>Semester 3</b>                                                   |                                            |            |
| Graduate Coursework                                                 |                                            | 6          |
| <b>Hours</b>                                                        |                                            | <b>6</b>   |
| <b>Total Hours</b>                                                  |                                            | <b>150</b> |

## Requirements

All requirements are listed below, starting with the most specialized moving to the most general. Additional requirements may follow the table, so be sure to read the entire page. Some required courses listed below may also satisfy [General Education](#) requirements, including [Core Curriculum](#).

| Code                               | Title                       | Hours |
|------------------------------------|-----------------------------|-------|
| <b>Undergraduate Concentration</b> |                             |       |
| I 301                              | Introduction to Informatics | 3     |

|                                                                      |                                                                                                 |            |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------|
| I 310D                                                               | Introduction to Human-Centered Data Science                                                     | 3          |
| Hours chosen from:                                                   |                                                                                                 | 3          |
| I 310C                                                               | Introduction to Cultural Heritage Informatics                                                   |            |
| I 310J                                                               | Introduction to Social Justice Informatics                                                      |            |
| I 310M                                                               | Introduction to Health Informatics                                                              |            |
| I 310S                                                               | Introduction to Social Informatics                                                              |            |
| I 310U                                                               | Introduction to User Experience Design                                                          |            |
| Hours chosen from: (advanced topics)                                 |                                                                                                 | 9          |
| I 320D                                                               | Topics in Human-Centered Data Science                                                           |            |
| I 379C                                                               | Capstone (Students pursuing the School of Information Honors distinction may substitute I 679H) | 3          |
| <i>Informatics Elective</i>                                          |                                                                                                 |            |
| Hours chosen from: Informatics elective coursework                   |                                                                                                 | 3          |
| <i>Subtotal</i>                                                      |                                                                                                 | 24         |
| <b>Major</b>                                                         |                                                                                                 | <b>24</b>  |
| <i>Subtotal</i>                                                      |                                                                                                 | 24         |
| <b>Degree (see details below)</b>                                    |                                                                                                 |            |
| Free electives: Additional coursework to reach total hours required. |                                                                                                 | 30         |
| <i>Subtotal</i>                                                      |                                                                                                 | 30         |
| <b><u>General Education</u></b>                                      |                                                                                                 |            |
| <u>Core Curriculum</u>                                               |                                                                                                 | 42         |
| <u>Foreign Language other than English, Beginning Proficiency</u>    |                                                                                                 |            |
| <i>Subtotal</i>                                                      |                                                                                                 | 42         |
| <b><u>College Requirements - Natural Sciences</u></b>                |                                                                                                 |            |
| <u>General University Requirements</u>                               |                                                                                                 |            |
| <b><u>Graduate</u></b>                                               |                                                                                                 |            |
| Graduate Coursework                                                  |                                                                                                 | 30         |
| <u>Graduate Natural Sciences Requirements</u>                        |                                                                                                 |            |
| <u>Graduate University Requirements</u>                              |                                                                                                 |            |
| <b>Total Hours</b>                                                   |                                                                                                 | <b>150</b> |