

Nutrition, Integrated Coordinated Program in Dietetics/Nutritional Sciences (BSNtr/MSNS)

The Integrated Coordinated Program in Dietetics (ICPD) is an accelerated program including both the coursework and the supervised practice necessary to be eligible to write the examination to become a Registered Dietitian Nutritionist (RDN) within five years.

Upon completing the program, graduates will simultaneously attain both a Bachelor of Science in Nutrition (BSNtr) and a Master of Science in Nutritional Sciences (MSNS).

Admission

Students interested in the Integrated Coordinated Program in Dietetics must apply for admission after completing 60 semester hours of prerequisite coursework. Applicants to the ICPD must meet the requirements for admission to the Office of Graduate and Postdoctoral Studies.

Accreditation

The Didactic Program in Dietetics (DPD) and Integrated Coordinated Program in Dietetics (ICPD) programs are accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND), 120 S. Riverside Plaza, Suite 2000, Chicago IL 60606, (800) 877-1600.

Licensure

Completion of the Didactic Program in Dietetics (DPD) or Integrated Coordinated Program in Dietetics (ICPD) qualifies graduates to apply for a dietetic internship or to practice as a Dietetic Technician, Registered (DTR).

Students who complete the DPD or ICPD with at least four upper-division nutrition courses completed in residence will receive a verification statement that qualifies them to apply for an accredited supervised practice program. DPD and ICPD graduates who complete an accredited supervised practice program and a master's degree (as of January 1, 2024) may become active members of the Academy of Nutrition and Dietetics and are eligible to write the examination to become a Registered Dietitian Nutritionist (RDN).

Total Hours Required: 150

Undergraduate: 120

Graduate: 30

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
Year 1		
Semester 1		
CH 301	Principles of Chemistry I	3
CH 104M	Introduction to Chemical Practice I	1

BIO 311C	Introductory Biology I	3
SDS 302F	Foundations of Data Analysis	3
RHE 306	Rhetoric and Writing	3
<u>First-Year Signature Course (090)</u>		3
Hours		16
Semester 2		
CH 302	Principles of Chemistry II	3
CH 104N	Introduction to Chemical Practice II	1
NTR 312	Introduction to Nutritional Sciences	3
NTR 126L	Nutritional Sciences Laboratory	1
BIO 311D	Introductory Biology II	3
PSY 301	Introduction to Psychology	3
<u>Visual and Performing Arts (050)</u>		3
Hours		17
Year 2		
Semester 1		
BIO 325	Genetics	3
CH 320M	Organic Chemistry I	3
NTR 307	Introductory Food Science	3
NTR 107L	Introductory Food Science Laboratory	1
NTR 317L	Introduction to Nutrition Assessment and Education	3
<u>American and Texas Government (070)</u>		3
Hours		16
Semester 2		
BCH 369	Fundamentals of Biochemistry	3
NTR 315	Nutrition through the Life Cycle	3
NTR 326	Intermediate Nutrition and Metabolism	3
NTR 330L	Advanced Nutrition Assessment and Counseling	3
<u>American and Texas Government (070)</u>		3
Hours		15
Year 3		
Semester 1		
INB 365S	Human Systems Physiology	3
MAN 320F	Foundations of Management and Organizational Behavior	3
NTR 334	Foodservice Systems Management	3
NTR 234L	Laboratory in Foodservice Systems	2
NTR 370	Medical Nutrition Therapy I	3
<u>U.S. History (060)</u>		3
Hours		17
Semester 2		
NTR 342	Advanced Nutritional Sciences	3
NTR 332	Community Nutrition	3
NTR 371	Medical Nutrition Therapy II	3
NTR 327L	Advanced Food Science Laboratory	3
<u>U.S. History (060)</u>		3
Hours		15
Year 4		
Semester 1		
NTR 343	Vitamins and Minerals	3
NTR 245C	Clinical Practice in Medical Nutrition Therapy I (must be taken Year 4, fall)	2
NTR 380K.3	Experimental Design and Statistics (instead of NTR 339L)	3
NTR 394.6	Study Design and Research Methods (instead of NTR 338W)	3
<u>Humanities (040)</u>		3
Hours		14
Semester 2		
NTR 345M	Clinical Practice in Medical Nutrition Therapy II (must be taken Year 4, spring)	3
NTR 372C	Practicum in Clinical Dietetics (must be taken Year 4, spring)	3
NTR 372F	Practicum in Food Services Systems Management (must be taken Year 4, spring)	3

NTR 373S	Practicum in Dietetic Administration (must be taken Year 4, spring)	3
Hours		12
Semester 3		
NTR 374C	Practicum in Community Dietetics (must be taken Year 4, summer)	3
NTR 374P	Advanced Practicum in Dietetics (must be taken Year 4, summer)	3
Hours		6
Year 5		
Semester 1		
Hours chosen from: MSNS graduate-level coursework		9
Hours		9
Semester 2		
Hours chosen from: MSNS graduate-level coursework		9
Hours		9
Semester 3		
Hours chosen from: MSNS graduate-level coursework		6
Hours		6
Total Hours		152

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
Concentration		
Required Courses		
Hours chosen from:		3
PSY 301	Introduction to Psychology	
SOC 302	Introduction to the Study of Society	
ANT 302	Cultural Anthropology	
ECO 304K	Introduction to Microeconomics	
ECO 304L	Introduction to Macroeconomics	
OR Choose a sequence below:		
Sequence 1:		
HDF 313	Child Development	
HDF 113L	Child Development Laboratory	
Sequence 2:		
HDF 313H	Child Development: Honors	
HDF 113L	Child Development Laboratory	
MAN 320F	Foundations of Management and Organizational Behavior	3
NTR 327L	Advanced Food Science Laboratory	3
Behavioral and Clinical Nutrition:		
NTR 315	Nutrition through the Life Cycle	3
NTR 330L	Advanced Nutrition Assessment and Counseling	3
NTR 332	Community Nutrition	3
NTR 370	Medical Nutrition Therapy I	3
NTR 371	Medical Nutrition Therapy II	3
Food Systems Management:		
NTR 334	Foodservice Systems Management	3
NTR 234L	Laboratory in Foodservice Systems	2
Research:		
NTR 373S	Practicum in Dietetic Administration (must be taken Year 4, spring)	3

Professional Development:

NTR 245C	Clinical Practice in Medical Nutrition Therapy I (must be taken Year 4, fall)	2
Supervised practice:		
NTR 345M	Clinical Practice in Medical Nutrition Therapy II (must be taken Year 4, spring)	3
NTR 372C	Practicum in Clinical Dietetics (must be taken Year 4, spring)	3
NTR 372F	Practicum in Food Services Systems Management (must be taken Year 4, spring)	3
NTR 374C	Practicum in Community Dietetics (must be taken Year 4, summer)	3
NTR 374P	Advanced Practicum in Dietetics (must be taken Year 4, summer)	3

Choose a sequence below: 12

Sequence 1: Honors

Students pursuing the honors thesis (HANS) must take six hours of each of the following:

NTR 355H	Honors Research (taken twice for total of 6 hours)
NTR 379H	Honors Tutorial Course (taken twice for total of 6 hours)

Sequence 2: Non-honors

Free Elective	
<i>Subtotal</i>	<i>61</i>
Degree (see details below)	
55	

NTR 380K.3	Experimental Design and Statistics (with at least a grade of B instead of NTR 339L; must be taken 4th year, fall semester)
NTR 394.6	Study Design and Research Methods (With at least a grade of B instead of NTR 338W; must be taken 4th year, fall semester)

Free electives: Additional coursework to reach total hours required. 0

Subtotal 55

General Education

Remaining Core Curriculum (42 hours total) 10

Foreign Language other than English, Beginning Proficiency

Subtotal 10

College Requirements - Natural Sciences

General University Requirements

Subtotal

Remaining graduate coursework 24

Total Hours 150

Degree - Bachelor of Science in Nutrition (BSNtr)

Code	Title	Hours
Major		
Students must complete each course with a grade of at least C-		
<i>Basic Nutrition</i>		
NTR 312	Introduction to Nutritional Sciences	3
or NTR 312H	Introduction to Nutritional Sciences: Honors	
<i>Biochemistry</i>		
NTR 126L	Nutritional Sciences Laboratory	1
NTR 326	Intermediate Nutrition and Metabolism	3
NTR 342	Advanced Nutritional Sciences	3
NTR 343	Vitamins and Minerals	3

<i>Food Science</i>		
NTR 307	Introductory Food Science	3
NTR 107L	Introductory Food Science Laboratory	1
<i>Nutrition Application</i>		
NTR 317L	Introduction to Nutrition Assessment and Education	3
<i>Critical Thinking</i>		
NTR 339L	Experimental Methods and Design in Nutritional Sciences	3
NTR 338W or NTR 338H	Issues in Nutrition and Health Issues in Nutrition and Health: Honors	3
Subtotal		26
Degree		
<i>Biology</i>		
BIO 311C	Introductory Biology I	3
BIO 311D	Introductory Biology II	3
Choose a sequence below:		3
Sequence 1: Non-honors		
BIO 325	Genetics	
Sequence 2: Honors		
BIO 315H	Advanced Introduction to Genetics: Honors	
BIO 325H	Genetics: Honors	
INB 365S	Human Systems Physiology	3
<i>Chemistry</i>		
Choose a sequence below:		6
Sequence 1: Non-honors		
CH 301	Principles of Chemistry I	
CH 302	Principles of Chemistry II	
Sequence 2: Honors		
CH 301C	Foundations of Chemistry I	
CH 302C	Foundations of Chemistry II	
Choose a sequence below:		2
Sequence 1:		
CH 104M	Introduction to Chemical Practice I	
CH 104N	Introduction to Chemical Practice II	
Sequence 2:		
CH 204	Introduction to Chemical Practice	
CH 320M	Organic Chemistry I	3
<i>Biochemistry</i>		
BCH 369	Fundamentals of Biochemistry	3
<i>Statistics</i>		
SDS 302F or SDS 320E	Foundations of Data Analysis Elements of Statistics	3
Subtotal		29
Total Hours		55

Additional Requirements and Policy

Students must earn a grade of at least *C-* in each mathematics and science course required for the program, and a grade point average in these courses of at least 2.00.

Majors must complete at least 36 upper-division hours, including least 24 hours in nutrition. Majors must complete at least 21 hours in residence at the University, including at least 18 in-residence hours in nutrition.

Additional Requirements and Policy

Students must be admitted to the ICPD program.

Undergraduate ICPD students must earn at least a B in graduate coursework or they will be removed from this program and moved to the standalone Didactic Program in Dietetics (DPD).

Admitted ICPD students should consult the faculty advisor each semester regarding order and choice of work. ICPD students begin taking graduate courses as undergraduates during their fourth year. Students admitted to the ICPD will take and reserve for graduate credit NTR 380K.3 and NTR 392.6, replacing undergraduate courses NTR 339L and NTR 338W in the standalone DPD requirements.

As indicated in the plan of study and requirements sections on this page, some fourth year undergraduate courses are taught only once a year and must be taken in the indicated term or the ICPD student may be unable to complete the program.

Graduate Degree - Nutritional Sciences (MSNS)

Integrated Coordinated Program in Dietetics (ICPD)

The [Integrated Coordinated Program in Dietetics \(ICPD\)](#) (p. 1) is 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 Nutritionist (RDN).

Total hours required: 150

Undergraduate: 120

Graduate: 30

Requirements

Code	Title	Hours
Undergraduate Degree		120
Subtotal		120
Graduate Degree		
<i>Nutrition Core</i>		
NTR 390.1	Advances in Nutritional Sciences I	3
NTR 390.7	Advances in Nutritional Sciences II	3
NTR 380K.3	Experimental Design and Statistics (taken as an ICPD undergraduate; reserved for graduate credit)	3
NTR 394.6	Study Design and Research Methods (taken as an ICPD undergraduate; reserved for graduate credit)	3
Hours chosen from: nutrition		3
<i>Additional Nutrition</i>		
Hours chosen from: Areas of concentration (health promotion and disease prevention, biochemical and functional nutrition, community nutrition, lifecycle nutrition)		9
NTR 390	Topics in Recent Advances in Nutritional Science (any topic)	
NTR 392	Topics in Research Problems in Nutritional Sciences (any topic)	
Choose a sequence below:		6

Sequence 1: Hours chosen from areas of concentration (health promotion and disease prevention, biochemical and functional nutrition, community nutrition, lifecycle nutrition)

NTR 390	Topics in Recent Advances in Nutritional Science (any topic)	
NTR 392	Topics in Research Problems in Nutritional Sciences (any topic)	
Sequence 2: Thesis option		
NTR 698	Thesis	
<i>Subtotal</i>		<i>30</i>
Total Hours		150

Additional Requirements and Policy

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.