

Human Nutrition – Nutrition Sciences Bachelor of Science in Nutrition



Effective for students admitted to the College of Education and Human Ecology beginning **Autumn 2022**

General Education Requirements (32-39 Hours)	HOURS
Launch Seminar	1
Reflection Seminar	1
Foundations (22-25 Hours)	
Writing & Information Literacy	3
Mathematical & Quantitative Reasoning or Data Analysis	3-5
Literary, Visual & Performing Arts	3
Historical & Cultural Studies	3
Natural Science	4-5
Social & Behavioral Sciences	3
Race, Ethnic & Gender Diversity	3
Thematic Pathways (8-12 Hours)	
Take 4-6 hours from Citizenship for a Diverse & Just World and 4-6 hours from another Thematic Pathway of choice.	
Citizenship for a Diverse & Just World	4-6
Choice of 4-6 hours from one additional Thematic Pathway: Lived Environments Sustainability Health & Wellbeing	4-6
EHE 1100 College Survey	1

Supporting Course Requirements (21-25 Hours)		HOURS
Math Placement M or L, or MATH 1148 or higher		0-4
BIOLOGY 1113 Biological Sciences: Energy Transfer & Development (can overlap with GE Natural Science)		4
BIOLOGY 1114 Biological Sciences: Form, Function, Diversity, & Ecology		4
CHEM 1210 General Chemistry I		5
CHEM 1220 General Chemistry II		5
PSYCH 1100 Introduction to Psychology (can overlap with GE Social & Behavioral Sciences)		3
Major Requirements (42-49 Hours)		HOURS
Major Admission Criteria: 2.5 cumulative GPA or higher Completion of: CHEM 1210, CHEM 1220, BIOLOGY 1113		
Foundational Science		24-28
CHEM 2510 Organic Chemistry I		4
CHEM 2540 Organic Chemistry Lab I		2
MICRBIO 4000.xx Basic & Practical Microbiology		4
PHYSIO 3101 Human Physiology I (3 hours) and PHYSIO 3102 Human Physiology II (3 hours), or PHYSIO 3200 Human Physiology (5 hours)		5-6
BIOCHEM 4511 Introduction to Biological Chemistry		4
MOLGEN 4500.xx General Genetics		3
Choose one course from: CHEM 2520 Organic Chemistry II (4) CHEM 2210 Analytical Chemistry I: Quantitative Analysis (5) BIOCHEM 5621 Biochemistry & Molecular Biology Lab (4) CHEM 2550 Organic Chemistry Lab II (2) ANATOMY 3300.xx Advanced Human Anatomy (5) MOLGEN 5601 Eukaryotic Molecular Genetics Lab (3-4) MOLGEN 5602 Eukaryotic Cell & Developmental Biology Lab (3-4)		2-5
Major Core		18-21
HUMNNTR 2295 Careers in Nutrition		1
HUMNNTR 2410 Science of Nutrition		4
HUMNNTR 3780H Research Methods in Nutrition		1
HUMNNTR 4609 Macronutrients		3
HUMNNTR 4610 Micronutrients & Phytochemicals		3
HUMNNTR 3506 Nutrition Across the Life Span		3
HUMNNTR 4189 Professional Experience in Human Nutrition, or HUMNNTR 3998 Undergraduate Research in Human Nutrition, or HUMNNTR 4193 Individual Studies		1-3
ANIMSCI 5070 Nutritional Immunology in Animal Systems (3), or ANIMSCI 5530 Comparative Animal Nutrient Metabolism (3), or ANIMSCI 5090 Gut Microbiology (2)		2-3
Total Hours: 89-114		
Free Electives to reach 120 Hours: 6-31		
Minimum of 120 credit hours required for degree completion. Total Hours range is based on requirement course choices and/or the number of credits that overlap between requirement areas. Students are encouraged to overlap as many credits as possible.		