

**From:** [Smith, Randy](#)  
**To:** [Orchard, Tonya](#)  
**Cc:** [Leite, Fabio](#); [King, Tara](#); [Reed, Katie](#); [Smith, Randy](#); [Duffy, Lisa](#); [Hunt, Ryan](#); [Porfeli, Erik J.](#); [Bagent, Aaron](#); [Snyder, Anastasia](#)  
**Subject:** Proposal to revise the BS Human Nutrition program  
**Date:** Friday, June 21, 2024 8:25:23 PM  
**Attachments:** [image001.png](#)

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Tonya:

The proposal from the Department of Human Sciences to revise the Human Nutrition major program leading to the Bachelor of Science in Nutrition was approved by the Council on Academic Affairs at its meeting on June 14, 2024. Thank you for attending the meeting to respond to questions/comments.

No additional level of internal review/approval is necessary. This action will be included in the Council's next [Annual Activities Report](#) to the University Senate (July 2024).

The Office of the University Registrar will work you with any implementation issues.

Please keep a copy of this message for your file on the proposal and I will do the same for the file in the Office of Academic Affairs.

If you have any questions please contact the Chair of the Council, Professor Fábio Leite (.11), or me.

I wish you success with this important program development.

Randy



**W. Randy Smith, Ph.D.**

Vice Provost for Academic Programs

**Office of Academic Affairs**

University Square South, 15 E. 15<sup>th</sup> Avenue, Columbus, OH 43201

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Memo

March 26, 2024

To: W. Randy Smith, Vice Provost – Council on Academic Affairs

From: Aaron Bagent, Curriculum Specialist

RE: PROGRAM REVISION: BS Human Nutrition, Department of Human Sciences.

Please find materials included in this proposal related to the revision of the BS Human Nutrition program. The department wishes to remove the major admission criteria for all specializations in the Human Nutrition program (Dietetics, Nutrition in Industry, Nutrition Sciences) and move to direct admission. This proposal was approved by the EHE Curriculum Committee on March 21, 2024.

If there are any questions, please contact me at [bagent.14@osu.edu](mailto:bagent.14@osu.edu).



March 25, 2024

Dr. W. Randy Smith, PhD  
Vice Provost for Academic Programs  
203 Bricker Hall  
190 N. Oval Mall  
Columbus, OH 43210

Dear Vice Provost Smith,

I am writing on behalf of the College of Education and Human Ecology's (EHE) Office of Academic Affairs. EHE supports the recent curricular changes in the Department of Human Science, Human Nutrition undergraduate program that moves to direct admission into the Human Nutrition major. The changes remove current admission criteria in Dietetics, Nutrition in Industry, and Nutrition Sciences.

These changes have no negative budgetary implications and in effect remove a barrier for students to major in the Human Nutrition undergraduate programs.

Sincerely yours,

Anastasia R. Snyder, PhD  
Associate Dean for Faculty Affairs  
College of Education and Human Ecology

March 12, 2024  
Aaron Bagent  
Curriculum Specialist  
EHE Office of Undergraduate Education

Dear Aaron:

I am writing in support of the following program revision request and effective dates associated:

1. Move to direct admission in the Human Nutrition major, which includes removing the major admission criteria for each of the following sub-plans:
  - a. **Dietetics (SU24)**  
Current Admission Criteria: Competitive application process requiring completion of an application, 2.5 Ohio State cumulative GPA or higher, and successful completion of Math Placement M or L or MATH 1148 or higher, CHEM 1210, CHEM 1220, & BIOLOGY 1113.
  - b. **Nutrition in Industry (AU24)**  
Current Admission Criteria: 2.5 cumulative GPA after 15 Ohio State hours, and completion of BIOLOGY 1113, CHEM 1210, CHEM 1220
  - c. **Nutrition Sciences (AU24)**  
Current Admission Criteria: 2.5 cumulative GPA or higher, and completion of CHEM 1210, CHEM 1220, BIOLOGY 1113

Attached you will find the necessary documentation from Irene Hatsu. These changes have been approved by the faculty in the Human Nutrition program. Review of and approval from members of the Department of Human Sciences Undergraduate Studies Curriculum Committee has also been obtained.

There are currently no negative budgetary implications and no additional funds or human resources necessary for the execution of this program revision. Thus, I am in support of the proposed changes as outlined by Irene in the attached documents.

If you have any questions or need additional information, do not hesitate to contact me.

Sincerely,



**Sue Sutherland, PhD**

*Pronouns: she/her/hers*

Professor, Associate Department Chair

**College of Education and Human Ecology**

2/28/2024

Dear Sue,

Our Human Nutrition faculty are seeking approval to update our Major admissions requirements, moving them all to a Direct Admit model. Our goal is to make the Human Nutrition majors more accessible to students by removing admission barriers. The proposed changes were approved at the Human Nutrition faculty meeting on Jan. 18, 2024.

Current Item	Course/Program Request	Effective Term	Quick Rationale
Dietetics major	Remove the following requirement for admission into major: <ul style="list-style-type: none"> <li>• GPA minimum requirement</li> <li>• Pre-requisite requirement</li> <li>• Pre-major requirement</li> </ul>	SU24	Make major more accessible to students
Nutrition Sciences major		AU24	
Nutrition and Industry major			

Revised program sheets reflecting these changes accompany this letter. If you have any questions or comments, please don't hesitate to contact me at [hatsu.1@osu.edu](mailto:hatsu.1@osu.edu). Many thanks for your time and consideration.

Sincerely,



Irene Hatsu

# Human Nutrition - Dietetics

Bachelor of Science in Nutrition



Effective for students admitted to the College of Education and Human Ecology beginning **Spring 2024**

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

Supporting Course Requirements (40-46 Hours)	HOURS
Math Placement M or L, or MATH 1148 College Algebra or equivalent	0-4
PSYCH 1100 Introduction to Psychology (can overlap with GE Social & Behavioral Sciences)	3
SOCIOL 1101 Introductory Sociology, or SOCIOL 1102 Social Found. of Race, Ethnicity, Gender, & Social Class (can overlap with GE Race, Ethnicity, & Gender Div.), or ANTHROP 1100 Introduction to Anthropology (can overlap with GE Historical & Cultural Studies)	3
BIOLOGY 1113 Biological Sciences: Energy Transfer & Development (can overlap with GE Natural Science)	4
STAT 1350.xx Elementary Statistics, or STAT 1450.xx Introduction to the Practice of Statistics (either can overlap with GE Math & Quantitative Reasoning or Data Analysis)	3
CHEM 1210 General Chemistry I	5
CHEM 1220 General Chemistry II	5
ANATOMY 2300.04 Human Anatomy	4
BIOPHRM 3311 Fund. of Medical Biochemistry I, or CHEM 2510 Organic Chemistry I	3-4
BIOPHRM 3312 Fundamentals of Medical Biochemistry & Molecular Biology II, or BIOCHEM 4511 Intro to Biological Chemistry	3-4
EEOB 2520 Human Physiology	3
MICRBIO 4000.xx Basic & Practical Microbiology	4
Major Requirements (49 Hours)	HOURS
<b>Major Admission Requirements:</b> Competitive application process requiring completion of an application, 2.5 Ohio State cumulative GPA or higher, successful completion of: Math Placement M or L or MATH 1148 or higher, CHEM 1210, CHEM 1220, & BIOLOGY 1113.	
C- grade or higher required in all Human Nutrition courses to be eligible to receive a Verification Statement for the Didactic Program in Dietetics (DPD).	
HTHRHS 2500 Medical Terminology for the Health Professions	3
CSHSPMG 3720 Food Service Management	3
CSHSPMG 3730 Food Service Management Practicum	1
CSHSPMG 3700 Controlling Food, Beverage, & Labor Costs	3
HUMNNTR 2295 Careers in Nutrition	1
HUMNNTR 2410 Science of Nutrition	4
HUMNNTR 2314 Fundamentals of Food	3
HUMNNTR 2450 Foodservice Sanitation & Safety	1
HUMNNTR 3313 Food in Different Cultures	2
HUMNNTR 3415 Global Nutrition Issues	2
HUMNNTR 3506 Nutrition Across the Life Span	3
HUMNNTR 3704 Public Health Nutrition	2
HUMNNTR 4504 Nutrition Education & Behavior Change	3
Major Requirements Continued on Page 3	



Major Requirements Continued from Page 2	HOURS
HUMNNTR 4596 Dietetics Seminar	1
HUMNNTR 4609 Macronutrients	3
HUMNNTR 4610 Micronutrients & Phytochemicals	3
HUMNNTR 5611 Medical Nutrition Therapy I	3
HUMNNTR 5622 Medical Nutrition Therapy I Lab	1
HUMNNTR 5623 Medical Nutrition Therapy II Lab	1
HUMNNTR 5612 Medical Nutrition Therapy II	3
MEDDIET 4900 Nutrition Assessment	3
<p style="text-align: center;"><b>Total Hours: 109-135</b></p> <p style="text-align: center;"><b>Free Electives to reach 120 Hours: 0-11</b></p> <p>Minimum 120 credit hours required for degree completion. Total Hours based on requirement course choices and/or number of credits that overlap between requirement areas. Students encouraged to overlap as many credits as possible.</p>	

# Human Nutrition - Dietetics

Bachelor of Science in Nutrition



Effective for students admitted to the College of Education and Human Ecology beginning **Autumn 2024**

General Education Requirements (32-39 Hours)		HOURS
Launch Seminar		1
Reflection Seminar		1
<b>Foundations (22-25 Hours)</b>		
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
<b>Thematic Pathways (8-12 Hours)</b>		
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:		4-6
Lived Environments Sustainability Health & Wellbeing	Origins & Evolution Traditions, Cultures, & Transformations Number, Nature, Mind	Migration, Mobility, & Immobility
EHE 1100 College Survey		1

Supporting Course Requirements (40-46 Hours)	HOURS
Math Placement M or L, or MATH 1148 College Algebra or equivalent	0-4
PSYCH 1100 Introduction to Psychology (can overlap with GE Social & Behavioral Sciences)	3
SOCIOL 1101 Introductory Sociology, or ANTHROP 1100 Introduction to Anthropology (can overlap with GE Historical & Cultural Studies)	3
BIOLOGY 1113 Biological Sciences: Energy Transfer & Development (can overlap with GE Natural Science)	4
STAT 1350.xx Elementary Statistics, or STAT 1450.xx Introduction to the Practice of Statistics (either can overlap with GE Math & Quantitative Reasoning or Data Analysis)	3
CHEM 1210 General Chemistry I	5
CHEM 1220 General Chemistry II	5
ANATOMY 2300.04 Human Anatomy	4
BIOPHRM 3311 Fund. of Medical Biochemistry I, or CHEM 2510 Organic Chemistry I	3-4
BIOPHRM 3312 Fundamentals of Medical Biochemistry & Molecular Biology II, or BIOCHEM 4511 Intro to Biological Chemistry	3-4
EEOB 2520 Human Physiology	3
MICRBIO 4000.xx Basic & Practical Microbiology	4
Major Requirements (49 Hours)	HOURS
Required for program progression and eligibility to receive a Verification Statement for the Didactic Program in Dietetics (DPD):	
<ul style="list-style-type: none"> <li>• 3.0 Cumulative GPA</li> <li>• C- grade or higher in all Human Nutrition courses</li> </ul>	
HTRHSC 2500 Medical Terminology for the Health Professions	3
CSHSPMG 3720 Food Service Management	3
CSHSPMG 3730 Food Service Management Practicum	1
CSHSPMG 3700 Controlling Food, Beverage, & Labor Costs	3
HUMNNTR 2295 Careers in Nutrition	1
HUMNNTR 2410 Science of Nutrition	4
HUMNNTR 2314 Fundamentals of Food	3
HUMNNTR 2450 Foodservice Sanitation & Safety	1
HUMNNTR 3313 Food in Different Cultures	2
HUMNNTR 3415 Global Nutrition Issues	2
HUMNNTR 3506 Nutrition Across the Life Span	3
HUMNNTR 3704 Public Health Nutrition	2
HUMNNTR 4504 Nutrition Education & Behavior Change	3
Major Requirements Continued on Page 3	

Major Requirements Continued from Page 2	HOURS
HUMNNTR 4596 Dietetics Seminar	1
HUMNNTR 4609 Macronutrients	3
HUMNNTR 4610 Micronutrients & Phytochemicals	3
HUMNNTR 5611 Medical Nutrition Therapy I	3
HUMNNTR 5622 Medical Nutrition Therapy I Lab	1
HUMNNTR 5623 Medical Nutrition Therapy II Lab	1
HUMNNTR 5612 Medical Nutrition Therapy II	3
MEDDIET 4900 Nutrition Assessment	3
<p style="text-align: center;"><b>Total Hours: 109-135</b></p> <p style="text-align: center;"><b>Free Electives to reach 120 Hours: 0-11</b></p> <p>Minimum 120 credit hours required for degree completion. Total Hours based on requirement course choices and/or number of credits that overlap between requirement areas. Students encouraged to overlap as many credits as possible.</p>	

# Human Nutrition – Nutrition in Industry Bachelor of Science in Nutrition



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

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

Supporting Course Requirements (43-49 Hours)	HOURS
Math Placement M or L, or MATH 1130 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
CSE 1111 Introduction to Computer-Assisted Problem Solving, or CSE 2111 Modeling & Problem Solving with Spreadsheets & Databases (either course can overlap with GE Math & Quantitative Reasoning or Data Analysis)	3
STAT 1350.xx Elem. Stats, STAT 1430.xx Stats for the Business Sciences, or STAT 1450.xx Intro to the Practice of Stats	3
ECON 2001.01 Principles of Microeconomics	3
BIOPHRM 3311 Fundamentals of Medical Biochem., or CHEM 2510 Organic Chemistry I	3-4
BIOPHRM 3312 Fundamentals of Medical Biochem. & Molecular Biology II, or BIOCHEM 4511 Intro to Biological Chem	3-4
MICRBIO 4000.xx Basic & Practical Microbiology	4
EEOB 2520 Human Physiology	3
Major Requirements (40 Hours)	HOURS
<b>Major Admissions Criteria:</b> 2.5 cumulative GPA after 15 Ohio State hours Completion of: BIOLOGY 1113, CHEM 1210, CHEM 1220	
*ACCTMIS 2000 Foundations of Accounting	3
*BUSMHR 3100 Foundations of Management & Human Resources	3
*BUSOBA 3130 Foundations of Operations Management	3
*BUSFIN 3120 Foundations of Finance	3
*BUSML 3150 Foundations of Marketing	3
CONSCI 2910 Consumer Problems & Perspectives	3
FDSCTE 2400 Introduction to Food Processing	3
FDSCTE 5310 Food Quality Assurance	3
FDSCTE 5320 Food Laws & Regulations	2
HUMNNTR 2295 Careers in Nutrition	1
HUMNNTR 2410 Science of Nutrition	4
HUMNNTR 3506 Nutrition Across the Life Span	3
HUMNNTR 4609 Macronutrients	3
HUMNNTR 4610 Micronutrients & Phytochemicals	3
*Coursework will complete requirements for General Business Minor. C- grade or higher required in minor courses.	
<b>Total Hours: 106-129</b>	
<b>Free Electives to reach 120 Hours: 0-14</b>	
Minimum 120 credit hours required for degree completion. Total Hours based on requirement course choices and/or number of credits that overlap between requirement areas. Students encouraged to overlap as many credits as possible.	

# Human Nutrition – Nutrition in Industry Bachelor of Science in Nutrition



Effective for students admitted to the College of Education and Human Ecology beginning **Autumn 2024**

General Education Requirements (32-39 Hours)		HOURS
Launch Seminar		1
Reflection Seminar		1
<b>Foundations (22-25 Hours)</b>		
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
<b>Thematic Pathways (8-12 Hours)</b>		
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:		4-6
Lived Environments Sustainability Health & Wellbeing	Origins & Evolution Traditions, Cultures, & Transformations Number, Nature, Mind	Migration, Mobility, & Immobility
EHE 1100 College Survey		1



Supporting Course Requirements (43-49 Hours)	HOURS
Math Placement M or L, or MATH 1130 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
CSE 1111 Introduction to Computer-Assisted Problem Solving, or CSE 2111 Modeling & Problem Solving with Spreadsheets & Databases (either course can overlap with GE Math & Quantitative Reasoning or Data Analysis)	3
STAT 1350.xx Elem. Stats, STAT 1430.xx Stats for the Business Sciences, or STAT 1450.xx Intro to the Practice of Stats	3
ECON 2001.01 Principles of Microeconomics	3
BIOPHRM 3311 Fundamentals of Medical Biochem., or CHEM 2510 Organic Chemistry I	3-4
BIOPHRM 3312 Fundamentals of Medical Biochem. & Molecular Biology II, or BIOCHEM 4511 Intro to Biological Chem	3-4
MICRBIO 4000.xx Basic & Practical Microbiology	4
EEOB 2520 Human Physiology	3
Major Requirements (40 Hours)	HOURS
*ACCTMIS 2000 Foundations of Accounting	3
*BUSMHR 3100 Foundations of Management & Human Resources	3
*BUSOBA 3130 Foundations of Operations Management	3
*BUSFIN 3120 Foundations of Finance	3
*BUSML 3150 Foundations of Marketing	3
CONSCI 2910 Consumer Problems & Perspectives	3
FDSCTE 2400 Introduction to Food Processing	3
FDSCTE 5310 Food Quality Assurance	3
FDSCTE 5320 Food Laws & Regulations	2
HUMNNTR 2295 Careers in Nutrition	1
HUMNNTR 2410 Science of Nutrition	4
HUMNNTR 3506 Nutrition Across the Life Span	3
HUMNNTR 4609 Macronutrients	3
HUMNNTR 4610 Micronutrients & Phytochemicals	3
*Coursework will complete requirements for General Business Minor. C- grade or higher required in minor courses.	
<p><b>Total Hours: 106-129</b></p> <p><b>Free Electives to reach 120 Hours: 0-14</b></p> <p>Minimum 120 credit hours required for degree completion. Total Hours based on requirement course choices and/or number of credits that overlap between requirement areas. Students encouraged to overlap as many credits as possible.</p>	



# Human Nutrition – Nutrition Sciences Bachelor of Science in Nutrition



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

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

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
<b>Major Admission Criteria:</b> 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
<b>Choose one course from:</b> 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
<b>Total Hours: 89-114</b> <b>Free Electives to reach 120 Hours: 6-31</b> Minimum 120 credit hours required for degree completion. Total Hours based on requirement course choices and/or number of credits that overlap between requirement areas. Students encouraged to overlap as many credits as possible.	

# Human Nutrition – Nutrition Sciences Bachelor of Science in Nutrition



Effective for students admitted to the College of Education and Human Ecology beginning **Autumn 2024**

General Education Requirements (32-39 Hours)		HOURS
Launch Seminar		1
Reflection Seminar		1
<b>Foundations (22-25 Hours)</b>		
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
<b>Thematic Pathways (8-12 Hours)</b>		
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:		4-6
Lived Environments Sustainability Health & Wellbeing	Origins & Evolution Traditions, Cultures, & Transformations Number, Nature, Mind	Migration, Mobility, & Immobility
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
<b>Foundational Science</b>	<b>24-28</b>
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
<b>Choose one course from:</b> 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
<b>Major Core</b>	<b>18-21</b>
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
<b>Total Hours: 89-114</b>	
<b>Free Electives to reach 120 Hours: 6-31</b>	
Minimum 120 credit hours required for degree completion. Total Hours based on requirement course choices and/or number of credits that overlap between requirement areas. Students encouraged to overlap as many credits as possible.	