

# MAJOR IN NUTRITION AND FOOD SCIENCE, PRE-HEALTH NUTRITION CONCENTRATION

## Requirements

### Effective Fall 2023

#### Freshman

		AUCC	Credits
Select one group from the following:			5
Group A:			
CHEM 107	Fundamentals of Chemistry (GT-SC2)	3A	
CHEM 108	Fundamentals of Chemistry Laboratory (GT-SC1)	3A	
Group B:			
CHEM 111	General Chemistry I (GT-SC2)	3A	
CHEM 112	General Chemistry Lab I (GT-SC1)	3A	
CO 150	College Composition (GT-CO2)	1A	3
FSHN 150	Survey of Human Nutrition		3
LIFE 102	Attributes of Living Systems (GT-SC1)	3A	4
LIFE 103	Biology of Organisms-Animals and Plants (GT-SC1)	3A	4
MATH 117	College Algebra in Context I (GT-MA1)	1B	1
MATH 118	College Algebra in Context II (GT-MA1)	1B	1
MATH 124	Logarithmic and Exponential Functions (GT-MA1)	1B	1
MATH 125	Numerical Trigonometry (GT-MA1)	1B	1
PSY 100	General Psychology (GT-SS3)	3C	3
Diversity, Equity, and Inclusion ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion</a> )			3
<b>Total Credits</b>			<b>29</b>

#### Sophomore

BMS 300	Principles of Human Physiology		4
CHEM 113	General Chemistry II		3
CHEM 114	General Chemistry Lab II		1
CHEM 341	Modern Organic Chemistry I		3
FSHN 340	Food as Preventive Medicine		3
MATH 155	Calculus for Biological Scientists I (GT-MA1)	1B	4
Arts and Humanities ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities</a> )			6
Historical Perspectives ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives</a> )			3
Social and Behavioral Sciences ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#social-behavioral-sciences">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#social-behavioral-sciences</a> )			3
<b>Total Credits</b>			<b>30</b>

#### Junior

BC 351	Principles of Biochemistry		4
CHEM 343	Modern Organic Chemistry II		3
CHEM 344	Modern Organic Chemistry Laboratory		2
FSHN 350	Human Nutrition		3
FSHN 428	Nutrition Teaching and Counseling Techniques		3

2 Major in Nutrition and Food Science, Pre-Health Nutrition Concentration

PH 121	General Physics I (GT-SC1)	3A	5
STAT 301	Introduction to Applied Statistical Methods		3
Select one course from the following:			3
CO 300	Writing Arguments (GT-CO3)	2	
CO 301B	Writing in the Disciplines: Sciences (GT-CO3)	2	
CO 301C	Writing in the Disciplines: Social Sciences (GT-CO3)	2	
JTC 300	Strategic Writing and Communication (GT-CO3)	2	
Elective			3
<b>Total Credits</b>			<b>29</b>
<b>Senior</b>			
BZ 310 or LIFE 210	Cell Biology Introductory Eukaryotic Cell Biology		3-4
FSHN 450	Medical Nutrition Therapy	4B	5
FSHN 459	Nutrition in the Life Cycle	4A	3
FSHN 470	Integrative Nutrition and Metabolism		3
FSHN 492	Seminar in Dietetics and Nutrition	4C	2
MIP 300	General Microbiology		3
MIP 302	General Microbiology Laboratory		2
Electives <sup>1</sup>			10-11
<b>Total Credits</b>			<b>32</b>
<b>Program Total Credits:</b>			<b>120</b>

<sup>1</sup> Select enough elective credits to bring program total to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400-level).