

MAJOR IN NUTRITION SCIENCE, PRE-HEALTH NUTRITION CONCENTRATION

Requirements Effective Fall 2024

Freshman

		AUCC	Credits
CO 150	College Composition (GT-CO2)	1A	3
FSHN 115	Health Equity (GT-SS3)	1C,1C	3
FSHN 150	Survey of Human Nutrition		3
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
Select one group from the following:			4
Group A:			
BZ 110	Principles of Animal Biology (GT-SC2)	3A	
BZ 111	Animal Biology Laboratory (GT-SC1)	3A	
Group B:			
LIFE 102	Attributes of Living Systems (GT-SC1)	3A	
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	
Arts and Humanities (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)			3
Elective			3
Total Credits			31

Sophomore

BMS 300 or HES 300	Principles of Human Physiology Physiology for Clinical Health Professions		4
CHEM 113	General Chemistry II		3
CHEM 114	General Chemistry Lab II		1
CHEM 245	Fundamentals of Organic Chemistry		4
CHEM 246	Fundamentals of Organic Chemistry Laboratory		1
FSHN 292	Careers in Nutrition Science Seminar		1
FSHN 340	Food as Preventive Medicine		3
PH 121	General Physics I (GT-SC1)	3A	5
Arts and Humanities (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)			3
Historical Perspectives (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)			3

Elective			3
	Total Credits		31
Junior			
BC 351	Principles of Biochemistry		4
FSHN 350	Human Nutrition		3
FSHN 428	Nutrition Teaching and Counseling Techniques		3
MIP 300	General Microbiology		3
MIP 302	General Microbiology Laboratory		2
Select from one of 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	
Select from one of the following:			3
STAT 201	General Statistics (GT-MA1)	1B	
STAT 301	Introduction to Applied Statistical Methods		
STAT 307	Introduction to Biostatistics		
Electives ¹			8
	Total Credits		29
Senior			
FSHN 449	Pathophysiology of Nutrition-Related Diseases		2
FSHN 450	Medical Nutrition Therapy	4B	3
FSHN 453	Biology of Body Weight Regulation		3
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
Electives ^{1,2}			13
	Total Credits		29
	Program Total Credits:		120

¹ Students should consult with an advisor before selecting electives to ensure necessary requirements are met for their intended post-graduate plans.

² Select enough elective credits to bring the program total to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400-level).