

MAJOR IN NUTRITION SCIENCE, PRE-NURSING CONCENTRATION

earn a grade of C or better in all nursing prerequisite courses as well as any course substitutions fulfilling these requirements.

Requirements Effective Fall 2026

If students would like to apply to the 3+2 Master's of Nursing and the corresponding Nutrition Science Nursing Concentration, students must

Freshman

		AUCC	Credits
CHEM 107	Fundamentals of Chemistry (GT-SC2)	3A	4
CHEM 108	Fundamentals of Chemistry Laboratory (GT-SC1)	3A	1
CO 150	College Composition (GT-CO2)	1A	3
FSHN 115	Health Equity	1C	3
FSHN 150	Introduction to Human Nutrition		3
FSHN 340	Food as Medicine		3
HDFS 101	Lifespan Development (GT-SS3)	3C	3
MATH 117	College Algebra in Context I (GT-MA1)	1B	1
MATH 118	College Algebra in Context II (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	
Arts and Humanities (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)			3
Historical Perspectives (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)			3
Total Credits			35

Sophomore

FSHN 292	Careers in Nutrition Science Seminar		1
FSHN 350	Human Nutrition		3
FSHN 428	Nutrition Teaching and Counseling Techniques		3
FSHN 453	Biology of Body Weight Regulation		3
LIFE 205	Microbial Biology		3
LIFE 206	Microbial Biology Laboratory		2
MATH 124	Logarithmic and Exponential Functions (GT-MA1)	1B	1
MATH 125	Numerical Trigonometry (GT-MA1)	1B	1
SPCM 200	Public Speaking		3
STAT 201	General Statistics (GT-MA1)	1B	3
Select one course from the following:			4
BMS 300	Principles of Human Physiology		
HES 300	Physiology for Clinical Health Professions		
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	
Arts and Humanities (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)		3B	3

Total Credits	33
----------------------	-----------

Junior

CHEM 245	Fundamentals of Organic Chemistry		4
CHEM 246	Fundamentals of Organic Chemistry Laboratory		1
FSHN 449	Pathophysiology of Nutrition-Related Diseases	4B	2
FSHN 450	Medical Nutrition Therapy	4B	3
FSHN 459	Nutrition in the Life Cycle	4A	3
Select one course from the following:			3
FSHN 220	Intro to Nutrition for Sports and Fitness		
FSHN 271	Integrative Wellness Coaching I		
FSHN 451	Community Nutrition		
Pre-Nursing Concentration Course (see list below)			3
Electives			7

Total Credits	26
----------------------	-----------

Senior

BC 351	Principles of Biochemistry		4
BMS 301	Human Gross Anatomy		5
FSHN 470	Advanced Human Nutrition and Metabolism		3
FSHN 492	Seminar in Dietetics and Nutrition	4C	2
HES 310	Human Pathophysiology		3
Select one course from the following:			2
FSHN 361	Global Nutrition		
FSHN 455	Food Systems–Impact on Health/Food Security		
Pre-Nursing Concentration Courses (see list below)			7

Total Credits	26
----------------------	-----------

Program Total Credits:	120
-------------------------------	------------

Pre-Nursing Concentration Courses²

Select a minimum of 10 credits from the following:

Code	Title	Credits
AGED 372/HDFS 372	Inclusive Mentoring for Neurodiverse Peers	2-4
BMS 302	Laboratory in Principles of Physiology	2
FSHN 220	Intro to Nutrition for Sports and Fitness	3
FSHN 271	Integrative Wellness Coaching I	3
FSHN 272	Integrative Wellness Coaching II	3
FSHN 342A	Study Abroad–Italy: Food as Medicine	3
FSHN 360	Nutrition Assessment	2
FSHN 361	Global Nutrition	2
FSHN 435	Lactation Benefits and Promotion	2
FSHN 445/HDFS 445	Early Childhood Health, Safety, and Nutrition	3
FSHN 451	Community Nutrition	3
FSHN 455	Food Systems–Impact on Health/Food Security	2
HDFS 315	Disability Across the Lifespan and Culture	3
HDFS 317	Disabilities in Early Childhood Education	3
HDFS 332	Death, Dying, and Grief	3
HDFS 404	Child Life Theory and Practice	3

HES 202	Introduction to Exercise Physiology	3
HES 207	Anatomical Kinesiology	4
HES 300	Physiology for Clinical Health Professions	4
HES 345	Population Health and Disease Prevention	3
HES 354	Theory of Health Behavior	3
HES 434	Physical Activity Throughout the Lifespan	3
PBHL 200	Introduction to Public Health (GT-SS3)	3
PSY 320	Psychopathology	3
SOC 344	Health, Medicine, and Society	3

¹ 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).

² Nursing pathophysiology is a common prerequisite for BSN programs. A recommended external option is NSG 207 online from CSU Pueblo. Students should consult with their advisor for additional options.