



Bachelor of Science: Degree Requirements

Precision Nutrition & Wellness Major - Main Campus Only

2021-2022 Catalog

Name: _____

SID#: _____

MAJOR REQUIREMENTS

GENERAL EDUCATION REQUIREMENTS

AGEC Completed? (for transfer students only) Yes or No

✓	Course Name	Units	Semester Taken	Notes
	ENGL 101 or ENGL 107 or ENGL 109H - First Year Composition	3		
	ENGL 102 or ENGL 108 - First Year Composition ***	3		
	Second Semester Language or Proficiency ****	0-8		
	Tier I Individuals & Societies - 150A, 150B or 150C	3		
	Tier I Individuals & Societies - 150A, 150B or 150C	3		
	Tier I Traditions & Cultures - 160A, 160B, 160C or 160D	3		
	Tier I Traditions & Cultures - 160A, 160B, 160, or 160D	3		
	Tier II Arts - 300's	3		
	Tier II Individuals & Societies - 300's	3		
	Tier II Humanities - 300's	3		
	Diversity Emphasis (Certain Tier I & II courses can also be used to satisfy this requirement.)	0-3		

MATH REQUIREMENT

✓	Course Name	Units	Semester Taken	Notes
	MATH 112 - College Algebra	3		

STATISTICS REQUIREMENT (Complete ONE of the following)

✓	Course Name	Units	Semester Taken	Notes
	AREC 239, MATH 163, MATH 263, SBS 200	3-4		

GENERAL SCIENCES

✓	Course Name	Units	Semester Taken	Notes
	CHEM 151 or CHEM 141 & CHEM 143 - General Chemistry I	4		
	CHEM 152 or CHEM 142 & CHEM 144 - General Chemistry II	4		
	CHEM 241A - Organic Chemistry I	3		
	MCB 181R - Introductory Biology I	3		
	PSIO 380 - Fundamental of Human Physiology	4		
	BIOC 384 - Foundations in Biochemistry	3		
	BIOC 385 - Metabolic Biochemistry	3		

PRECISION NUTRITION & WELLNESS COURSEWORK

✓	Course Name	Units	Semester Taken	Notes
	NSC 101 - Introduction to Human Nutrition >	3		
	NSC 260 - Nutrition Communication and Scientific Literacy	3		
	NSC 275 - Fundamentals of Precision Nutrition and Wellness	3		
	NSC 370 - Emerging Topics in Precision Nutrition and Wellness	2		
	NSC 308 - Nutrition and Metabolism	3		
	NSC 351R - Fundamentals of Food Science	3		
	NSC 408 - Nutritional Biology	3		
	NSC 475 - Nutrigenomics for the Study of Disease Prevention & Intervention	3		
	NSC 470 - Biomarkers and Disease Status	3		
	NSC 485 - Precision Nutrition & Lifestyle Genomics	3		

PRECISION NUTRITION AND WELLNESS ELECTIVES (Elective units taken as 300 or 400 level will count towards the upper division units; ex: NSC 475.)

✓	Course Name	Units	Semester Taken	Notes
DATA ANALYTICS & TECHNOLOGY (complete 9 units)				
	BE 310 - Introduction to Biosystem Analytics	3		
	CSC 250 - Essential Computing for the Sciences	3		
	ECOL 346 - Bioinformatics	4		
	PLS 340 - Introduction to Biotechnology	3		
	MCB 416A - Statistical Bioinformatics and Functional Genomic Analysis	3		
	MCB 422 - Problem Solving with Genetic Tools	3		

Completed Units: _____
 Remaining Units: /9

✓	Course Name	Units	Semester Taken	Notes
HEALTH AND WELLNESS (complete 9 units)				
	NSC 301 - Nutrition and the Life Cycle	3		
	NSC 310 - Principles of Human Nutrition in health and Disease	3		
	NSC 320 - Nutrition, Physical Activity and Health Promotion	3		
	NSC 444 - Community Nutrition	3		

Completed Units: _____
 Remaining Units: /9

✓	Course Name	Units	Semester Taken	Notes
DIET AND GENES (complete 9 units)				
	FSHD 200 - Evolution and Human Development	3		
	ECOL 320 - Genetics	4		
	NSC 375 - Diet, Genes, and Disease	3		
	NROS 430 - Neurogenetics	3		
	BE 487 - Metagenomics: From Genes to Ecosystems	3		

Completed Units: _____
 Remaining Units: /9

✓	Course Name	Units	Semester Taken	Notes
ETHICS (complete 3 units)				
	FSHD 347 - Neuroethics	3		
	MCB 404 - Bioethics	3		
	PHIL 321 - Medical Ethics	4		

Completed Units: _____
 Remaining Units: /3

DIRECTED RESEARCH

✓	Course Name	Units	Semester Taken	Notes
	NSC 392 - Directed Research	2		

UPPER DIVISION (Fifteen (15) additional units needed; Tier II general education courses and electives can count towards this.)

✓	Course Name	Units	Semester Taken	Notes

Completed Units: _____
 Remaining Units: /15

GRADUATION REQUIREMENTS & NOTES

Minimum units required for degree: 120 total | 42 upper division (300/400 level courses)

Minimum cumulative GPA: 2.0 | Minimum major GPA: 2.0

Notes:
 *** Requires a "B" or better in 2nd semester English Comp. to satisfy Mid-Career Writing Assess.
 **** Requires a "C" or better in 2nd semester Language Course
 > Requires a "B" or better for graduation
 PRN - Precision Nutrition & Wellness

Please contact your Precision Nutrition & Wellness Advisor if you plan on applying to a pre-health program so we may assist you with planning your courses accordingly.