



**California State Polytechnic University, Pomona
Degree Curriculum Sheet**

Plan (Major) **FOODS AND NUTRITION**

Catalog Year **2015 - 2016**

Name _____

Subplan/Option **Nutrition Science**

Minimum Units Required **180**

Student ID _____

Required Core Courses		
Course		Units
Required of all students. A 2.0 cumulative GPA is required in core courses including subplan (option) courses for the major in order to receive a degree in the major.		
Orientation to College of Agriculture	AG 100	1
Intro to the Profession	FN 100	1
Nutrition & Lab	FN 235/235L	4/1
Intro of Research Methods	FN 263	4
There will be a requirement for graduation - as assesment activity.		
Total Units		11

Required Subplan/Option Courses		
Course		Units
Intro to Foods & Lab	FN 121/121L	2/2
Nutrition of the Life Cycle	FN 335	4
Nutrition Education & Lab	FN 345/345L	3/1
Intro to Food Science & Technology	FST 125	4
Experimental Food Science & Lab	FST 321/321L	3/1
Food Safety and Current Issues	FST 325	4
Total Units		24

Electives Subplan/Option Courses		
Course		Units
Select 42 units from only one emphasis areas in consultation with your advisor:		42
1) Nutrition and Health 2) Pre-Professional 3) Animal Nutrition		
See course list on back side.		
Total Units		42

Required Support Courses		
Course		Units
The following required support courses should be taken to satisfy the indicated GE requirements to achieve the maximum units to degree listed at the top of this sheet.		
Human Physiology & Lab	BIO 235/235L	4/1
General Chemistry & Lab	CHM 122/122L	3/1
General Chemistry & Lab	CHM 123/123L	3/1
Elements of Organic Chemistry & Lab	CHM 201/250L	3/1
or Elements of Organic Chemistry & Lab	CHM 314/317L	(3/1)
Trigonometry	MAT 106	4
Calculus for the Life Sciences	MAT 120	4
Basic Microbiology & Lab	MIC 201/201L	3/1
College Physics & Lab	PHY 121/121L	3/1
Agriculture and the Modern World (D2)	AG 101	4
Ethical Issues in Food, Agricultural, and Apparel Industries (C4 or D4)	AG 401	4
Basic Biology (B2, B3)	BIO 115/115A/115L	3/1/1
or Foundations of Biology: Energy and Matter Cycles and Flows & Lab (B2, B3)	BIO 121/121L	3/2
General Chemistry & Lab (B1, B3)	CHM 121/121L	3/1
Freshman English II (A3)	ENG 105	4
Stretch Composition III (A2)	ENG 107	4
or Advanced Stretch Composition II (A2)	ENG 109	(4)
or First-Year Composition (A2)	ENG 110	(4)
General Psychology (E)	PSY 201	4
Statistics with Applications (B4)	STA 120	4
Total Units		66

Unrestricted Electives		
Course		Units
Select a sufficient number of courses so that the total from "Required Support", "GE" and "Unrestricted Electives" is at least 103 units.		0-1
Total Units		0-1

Medical, Veterinary, Pharmacy and Dental School Admission Requirements
This curriculum meets the requirements of many, but not all, schools. The requirements of individual schools may vary and should be determined by the student in consultation with the department advisor within two years of beginning the application process.

General Education Requirements		
Area		Units
Area A Communication & Critical Thinking		12
1. Oral Communication		
2. Written Communication		
3. Critical Thinking		
Area B Mathematics & Natural Sciences		16
<i>Select at least one lab course from subarea 1 or 2.</i>		
1. Physical Science		
2. Biological Science		
3. Laboratory Activity		
4. Math/Quantitative Reasoning		
5. Science & Technology Synthesis		
Area C Humanities		16
1. Visual and Performing Arts		
2. Philosophy and Civilization		
3. Literature and Foreign Language		
4. Humanities Synthesis		
Area D Social Sciences		20
1. U.S. History, Constitution, American Ideals		
a. United States History		
b. Introduction to American Government		
2. History, Economics and Political Science		
3. Sociology, Anthropology, Ethnic & Gender Studies		
4. Social Science Synthesis		
Area E Lifelong Understanding & Self Development		4
Total Units		68

American Institutions	Units
Courses that satisfy this requirement may also satisfy GE Area D1	8

American Cultural Perspectives Requirement	Units
Refer to catalog for list of courses that satisfy this requirement. Course may also satisfy major, minor, GE, or unrestricted elective requirements.	4

All persons who receive undergraduate degrees from Cal Poly Pomona must pass the Graduation Writing Test (GWT). The test must be taken by the quarter following completion of 120 units for undergraduates.

Select 42 units from only one emphasis area in consultation with your advisor:

Nutrition and Health Emphasis

Drugs and Society	AVS 211	(4)
Biology of Cancer	BIO 302	(4)
Biology of the Brain	BIO 309	(4)
Sexually Transmitted Diseases: Current Issues	BIO 311	(4)
Biology of Human Aging	BIO 328	(4)
Intercultural Communication	COM 327	(4)
Health, Nutrition & the Integrated Being	FN 203	(4)
Food and Culture	FN 228	(4)
Nutrition Activity	FN 235A	(1)
Special Study for Upper Division Students	FN 400	(1-2)
Internship in Foods and Nutrition	FN 441	(1-4)
Internship in Foods and Nutrition	FN 442	(1-4)
Agriculture, Nutrition and International Dvlpmt	FN 445	(4)
Food Systems in Developing Nations I	FST 424	(4)
Food Systems in Developing Nations II	FST 425	(4)
Healthy American Cuisine	HRT 255	(4)
Agriculture, Nutrition & Intl Development	IA 445	(4)
Foundations of Exercise Science	KIN 301	(4)
Physiology of Exercise	KIN 303/303L	(3/1)
Science of Physical Aging	KIN 365	(4)
Stress Management for Healthy Living	KIN 370	(4)
Consumer Health	KIN 380	(4)
Physiology of Exercise II	KIN 403/403L	(3/1)
Drug Education	KIN 408	(4)
Sports Medicine	KIN 455	(4)
Exercise Metabolism and Weight Control	KIN 456	(3)
Multicultural Psychology	PSY 325	(4)
Health Psychology	PSY 326	(4)

Pre-Professional Emphasis

Foundations of Biology: Reproduction & Dvlpmt	BIO 122/122L	(3/2)
Foundations of Biology: Biodiversity	BIO 123/123L	(3/2)
Biology of Cancer	BIO 302	(4)
Genetics	BIO 303	(4)
Cell and Molecular Biology	BIO 310	(4)
Advanced Genetics	BIO 421	(4)
Neuroscience	BIO 424	(4)
Cellular Physiology	BIO 428/428L	(4/1)
Quantitative Analysis	CHM 221/221L	(2/2)
Organic Chemistry & Lab	CHM 315/318L	(3/1)
Organic Chemistry & Lab	CHM 316/319L	(3/1)
Elements of Biochemistry & Lab	CHM 321/321L	(3/1)
or Biochemistry & Lab	CHM 327/327L	(3/1)
Biochemistry & Lab	CHM 328/328L	(3/1)
Biochemistry & Lab	CHM 329/329L	(2/2)

Clinical Chemistry	CHM 331/331L	(2/2)
Spectroscopic Methods	CHM 342/342L	(2/2)
or Separation Methods	CHM 343/343L	(2/2)
or Electroanalytical Methods	CHM 344/344L	(2/2)
Bioanalytical Chemistry	CHM 450	(4)
Recombinant DNA Biochemistry	CHM 453	(3)
Advanced Nutrient Metabolism I	FN 433	(4)
Advanced Nutrient Metabolism II	FN 434	(4)
Advanced Nutrient Metabolism III	FN 435	(4)
Physiology of Exercise	KIN 303/303L	(3/1)
Sports Medicine	KIN 455	(4)
College Physics & Lab	PHY 122/122L	(3/1)
College Physics & Lab	PHY 123/123L	(3/1)

Animal Nutrition Emphasis

Fundamentals of Animal Nutrition	AVS 101	(4)
Equine Management Science	AVS 125/125L	(3/1)
Applied Animal Feeding	AVS 303/303L	(3/1)
Meat Science and Industry	AVS 327/327L	(3/1)
Seafood and Poultry Processing Technology	AVS 328/328A	(3/1)
Equine Nutrition	AVS 355	(3)
Animal Nutrition	AVS 402	(3)
Ruminant Nutrition	AVS 403	(3)
Nutritive Analysis	AVS 424L	(2)
Meat Processing and Technology	AVS 427/427L	(3/1)
Foundations of Biology: Reproduction & Dvlpmt	BIO 122/122L	(3/2)
Foundations of Biology: Biodiversity	BIO 123/123L	(3/2)
Organic Chemistry & Lab	CHM 315/318L	(3/1)
Organic Chemistry & Lab	CHM 316/319L	(3/1)
Elements of Biochemistry & Lab	CHM 321/321L	(3/1)
or Biochemistry & Lab	CHM 327/327L	(3/1)
Biochemistry & Lab	CHM 328/328L	(3/1)
Biochemistry & Lab	CHM 329/329L	(3/1)
Clinical Chemistry	CHM 331/331L	(2/2)
Spectroscopic Methods	CHM 342/342L	(2/2)
or Separation Methods	CHM 343/343L	(2/2)
or Electroanalytical Methods	CHM 344/344L	(2/2)
Bioanalytical Chemistry	CHM 450	(4)
Recombinant DNA Biochemistry	CHM 453	(3)
Advanced Nutrient Metabolism I	FN 433	(4)
Advanced Nutrient Metabolism II	FN 434	(4)
Advanced Nutrient Metabolism III	FN 435	(4)