

**SAN JOSE STATE UNIVERSITY
DEPARTMENT OF NUTRITION, FOOD SCIENCE AND PACKAGING**

PREREQUISITES FOR UNDERGRADUATE COURSES

Course #	Units	Course Title	Prerequisites
NuFS 01A*	3	<i>Physical Science of Food GE = Area B1</i>	None. Closed to Majors
NuFS 008	3	<i>Nutrition for the Health Professions</i>	Chem 1A or Chem 30A (w/ a grade of 'C' or better) or instructor consent. For Nutritional Science, Nursing and other Health Professions majors.
NuFS 009*	3	<i>Introduction to Human Nutrition</i>	None. Closed to majors
NuFS 16*	3	<i>Science, Physiology, and Nutrition</i>	None. Closed to majors
NuFS 20	2	<i>Sanitation & Environmental Issues in the Hospitality Industry</i>	None
NuFS 21	3	<i>Culinary Principles and Practice Lecture 2 hours/Lab 3 hours</i>	None
NuFS 22	2	<i>Catering and Beverage Management Lecture/Lab 4 hours</i>	NuFS 20 or instructor consent
NuFS 25	1-2	<i>Internship in Foodservice Management</i>	NuFS 20 and instructor consent
NuFS 31	1	<i>Professionalism in Nutrition, Food Science & Packaging</i>	
NuFS 101A	4	<i>Food Science Lecture/Lab 6 hours</i>	Chem 30B or NuFS 8 or instructor consent
NuFS 103	2	<i>Food Processing and Packaging I Lecture/Lab 5 hours</i>	Chem 30B or Chem 8 or instructor consent
NuFS 103L	1	<i>Food Processing Laboratory</i>	Chem 30B or Chem 8 or instructor consent
NuFS 104A	3	<i>Cultural Aspects of Food Lecture/Activity 4 hours</i>	Upper division standing
NuFS 105	3	<i>Current Issues in Nutrition</i>	NuFS 8, 9, or 163 or equivalent introductory course in human nutrition
NuFS 106A	3	<i>Human Nutrition in Life Span</i>	NuFS 8 (w/ a grade of 'C' or better) or PASS challenge exam for NuFS 8; or instructor consent. Corequisite: HPrf 100W & NuFS 31

NuFS 106B	3	<i>Research Methodology in NuFS</i>	Stat 95; Corequisite: NuFS 106A & HPrf 100W
NuFS 108A	3	<i>Nutrition and Metabolism</i>	NuFS 106A, Chem 132, Biol 66 (each w/ a grade of 'C' or better); HPrf 100W
NuFS 108L	1	<i>Nutrition Laboratory Lab 3 Hours</i>	Chem 132L, Stat 95, BUS 90 or HS 67; Corequisite: NuFS 108A
NuFS 109	3	<i>Advanced Nutrition</i>	NuFS 106A, Chem 132 (w/ a grade of 'C' or better in each), Bus 90, Stat 95 or HS 67; HPrf 100W; Biol 66
NuFS 110A	3	<i>Medical Nutrition Therapy Lecture/Activity 4 hours</i>	NuFS 108A (w/ a grade of 'C' or better); Corequisite: NuFS 109
NuFS 110B	3	<i>Medical Nutrition Therapy Lecture/Activity 4 hours</i>	NuFS 110A & NuFS 109 (w/ a grade of "C" or better in each)
NuFS 111	3	<i>Foodservice Production Mgmt</i>	NuFS 8 or 9, or NuFS 101A or instructor consent.
NuFS 113	3	<i>Foodservice Systems: Mgmt & Proc Lecture/Lab 5 hours</i>	NuFS 111 or instructor consent.
NuFS 114A	3	<i>Community Nutrition for Majors</i>	NuFS 106A & senior standing & instructor consent
NuFS 114B	3	<i>Community Nutrition (Non-Majors)</i>	None (Closed to majors)
NuFS 115**	3	<i>Issues in Food Toxicology GE = Area R</i>	Completion of Core GE; pass WST & upper division standing; Corequisite: 100W
NuFS 116	3	<i>Aging and Nutrition</i>	One college nutrition course or instructor consent.
NuFS 117	3	<i>Food Evaluation Techniques Lecture/Lab 5 hours</i>	NuFS 8, 101A; Chem 30A, B or 1A, or instructor consent.
NuFS 118	3	<i>Food Chemistry</i>	NuFS 101A and/or NuFS 103; Chem 30B or Chem 8 or Instructor Consent
NuFS 122	3	<i>Chemical Analysis of Food Lecture/Lab 7 hours</i>	NuFS 103, NuFS 118, HPrf 100W, HS 67 or Bus 90 or Stat 95; or instructor consent

NuFS 123	3	<i>Nutrition for Sport</i>	NuFS 8
NuFS 124	3	<i>Disordered Eating and Nutrition Therapy</i>	NuFS 8
NuFS 125	3	<i>Child Nutrition Program Adm</i>	Upper division standing Notes: Offered Summer only
HPrf/NuFS 134	3	<i>Complementary and Alternative Health Practices</i>	Completion of core GE or instructor consent
NuFS 139**	3	<i>Hunger & Environmental Nutrition</i> GE = Area R	Core GE, pass WST, upper division standing; Corequisite: 100W
NuFS 144**	3	<i>Food and Culture: Consuming Passions</i> GE = Area V	Core GE, pass WST, upper division standing; Corequisite: 100W
NuFS 150	2	<i>Food and Nutritional Toxicology</i>	NuFS 103, Chem 30B or 8, Intro Nutrition & Intro Biology courses and instructor consent
NuFS 163**	3	<i>Physical Fitness and Nutrition</i> GE = Area R	Core GE, pass WST, upper division standing. Not open to majors or minors. Corequisite: 100W
NuFS 180	1-6	<i>Individual Studies</i>	NuFS 8, instructor consent and <u>Department Chair consent during semester prior to enrollment.</u>
NuFS 190	3	<i>Nutrition Education and Counseling</i>	NuFS 106A and senior standing
NuFS 192	1-6	<i>Field Experience in Nutrition, Food Science and Packaging</i> Supervision 3 to 18 hours	Senior standing in NuFS/Pkg, and <u>instructor consent by end of prior semester.</u>
NuFS 194	1	<i>Entrepreneurial Nutrition</i>	Engl 1A or instructor consent

PKG 107	3	<i>Principles of Packaging</i>	Eng 1A or equivalent
PKG 120	3	<i>Artios CAD for Packaging</i>	None
PKG 121	3	<i>Solidworks for Packaging</i>	None
PKG 141A	3	<i>Packaging Materials I: Paper, Metal and Wood Based Lecture 2 hours/Lab 2 hours</i>	PKG 107 or instructor consent
PKG 141B	3	<i>Packaging Materials II: Plastics, Composites and Glass Lecture 2 hours/Lab 2 hours</i>	PKG 107, PKG 141A, NuFS 31 or instructor consent
PKG 146	3	<i>Packaging for Medical Device & Pharmaceuticals Lecture 2 hours/Activity 2 hours</i>	PKG 107, PKG 141A, PKG 141B or instructor consent
PKG 156	3	<i>Packaging Machinery Systems Lecture 2 hours/Lab 2 hours</i>	PKG 107, PKG 141A, PKG 141B, Math 70 & 71, Stat 95
PKG 158	3	<i>Protective Package Design and Testing Lecture 2 hours/Lab 2 hours</i>	PKG 107, PKG 141A & B, Math 70, Math 71, Stat 95
PKG 159	3	<i>Packaging Materials Handling & Distribution</i>	PKG 158 or instructor consent
PKG 169	3	<i>Food Packaging and Preservation</i>	PKG 107 or instructor consent
PKG 170	3	<i>Packaging Development and Management Lecture 2 hours/Lab 2 hours</i>	PKG 107, PKG 141A, PKG 141B, PKG 156, PKG 158 or instructor consent
PKG 180	1-6	<i>Individual Studies</i>	PKG 107, Instructor consent and <u>Department Chair consent during semester prior to enrollment.</u>

* *Fulfills a Core General Education Requirement. Please see Schedule of Classes and/or University Catalog for information on General Education.*

** *Fulfills a SJSU Studies (Advanced General Education) Requirement. Please see Schedule of Classes and/or University Catalog for information about SJSU Studies courses.*