

# Bachelor of Science in Nutrition and Food Sciences

## Requirements (123 units)

Total units required for graduation: 180

## Requirements for the B.S. in Nutrition and Food Sciences (Program Code: NTFS)

**Note:** All upper-division courses with an HSCI prefix or any course approved for upper-division Health Science substitutions require a grade of "C" (2.0) or better. Certain required courses also apply in the university's general education program (<http://bulletin.csusb.edu/undergraduate-degree-programs/general-education-program>).

In order to receive the Verification Statement from the DPD, graduates must have an overall GPA of 2.8 or higher; and must receive a grade of B- or higher in the 300 and 400-level DPD courses. This Verification Statement is required for dietary internship or supervised-practice program as well as to take the DTR exam.

Total units for graduation (180) includes 22 GE units.

### Lower-division requirements - includes 18 GE units (60)

BIOL 100	Topics in Biology (GE-B2 prerequisite)	5
BIOL 220	Principles of Microbiology	5
BIOL 223	Human Physiology and Anatomy I	5
BIOL 224	Human Physiology and Anatomy II	5
CHEM 205	Fundamentals of Chemistry I: General Chemistry	5
CHEM 206	Fundamentals of Chemistry II: Organic Chemistry	5
CHEM 207	Fundamentals of Chemistry III: Biochemistry	5
HSCI 120	Health and Society: An Ecological Approach	5
HSCI 225	Introduction to the Dietetic Profession	1
HSCI 244	Introduction to Culinary Arts (or proof of competency to be determined by faculty advisor)	2
HSCI 245	Introduction to Food Science	5
HSCI 273	Software Applications in the Health Sciences	4
MATH 110	College Algebra	4
PSYC 100	Introduction to Psychology	4
or SOC 100	The Study of Society	

### Upper-division requirements - includes 4 GE units (63)

HSCI 315	Statistics for the Health Sciences	4
HSCI 345	Advanced Food Science	5
HSCI 350	Principles of Nutrition	4
HSCI 365	Nutrition Throughout the Life Cycle	4
HSCI 384	Nutrition Assessment and Research Methodology	4
HSCI 441	Nutritional Biochemistry and Metabolism	4
HSCI 442	Advanced Human Nutrition	4
HSCI 443	Medical Nutrition Therapy I	4
HSCI 444	Medical Nutrition Therapy II	4
HSCI 445	Community Nutrition	4
HSCI 446	Senior Seminar in Dietetic Education	1

HSCI 465	Foodservice Production and Procurement	5
HSCI 467	Foodservice Systems Management	4
MGMT 302 or PSYC 302	Management and Organizational Behavior	4
NSCI 306	Expository Writing for the Natural Sciences (or completion of challenge examination, GE-F1)	4

Four units chosen from:		4
HSCI 344	International Perspectives on Nutrition	
HSCI 367	Human Disease Mechanisms	
HSCI 382	Nutrition for Health, Fitness and Sports	
HSCI 385	Food and Culture: Traditions and Trends	
KINE 382	Nutrition for Health, Fitness and Sports	

Upper-division courses in SOC, ANTH, PSYC, MGMT, or MKTG as approved by a faculty advisor. HSCI 342 and HSCI 399 units may not be used to meet the upper-division HSCI electives for the degree.

Total Units 123