Foods and Nutrition, B.S.

School of Exercise & Nutritional Sciences | College of Health and Human Services

2025-2026 Catalog Year Program Requirements

CHHS Advising Center: ED-151 ensugrad@sdsu.edu

Advising Appointments

PREPARATION FOR THE MAJOR COURSES

44 UNITS

To move from pre-major to major status and begin taking upper-division NUTR courses, students must complete the required prep courses with a 2.9 GPA or higher and earn a grade of "C" or better in CHEM 100 and CHEM 130.

BIOL 100	3	General Biology	
BIOL 100L	1	General Biology Laboratory	
BIOL 211	2	Fundamentals of Microbiology	
BIOL 211L	2	Fundamentals of Microbiology Laboratory	
BIOL 212	4	Human Anatomy	
CHEM 103	4	Introduction to General Chemistry with Laboratory	
CHEM 130	3	Elementary Organic Chemistry	
CHEM 160	3	Introductory Biochemistry	
COMM 103	3	Oral Communication	
NUTR 200	1	Foods and Nutrition: Overview and Opportunities	
NUTR 201	3	Fundamentals of Nutrition	
NUTR 203	2	Cultural Aspects of Food and Nutrition	
NUTR 205	4	Introduction to Science of Food	
PSY 101	3	Introductory Psychology	
SOC 101	3	Introductory Sociology; The Study of Society	
STATISTICS	3	Select ONE course from the following:	
		 ECON 201: Statistical Methods 	
		 STAT 250: Statistical Principles and Practices 	

Note: Some of the Foods and Nutrition Preparation for the Major courses also fulfill lower-division General Education (GE) requirements in the following areas:

- Mathematical Concepts and Quantitative Reasoning
- Social and Behavioral Sciences
- Physical and Biological Sciences

The remaining lower-division GE requirements include:

- English Composition
- Critical Thinking
- Arts and Humanities (2 courses)
- American Institutions (3 areas, typically satisfied with 2 courses):
 - U.S. History, Institutions & Ideals
 - U.S. Constitution
 - California State and Local Government
 - We recommend choosing a course that also fulfills the Ethnic Studies requirement.
 - Suggested options include: AAS 100, AAS 101, AFRAS 170A, AFRAS 170B, AMIND 140, AMIND 141, CCS 120A, CCS 120B, CCS 141A, and CCS 141B.
- Ethnic Studies (if not already satisfied)

REMAINING LOWER-DIVISION GENERAL EDUCATION

- **English Composition**
- 3 **Critical Thinking**
- Arts and Humanities (2 Courses)

3 Principles of Human Physiology

- American Institutions: American History, Institutions & Ideals, U.S. Constitution, CA State & Local Government (2 courses)
- Ethnic Studies (Can be completed alongside American Institutions)

UPPER-DIVISION MAJOR COURSES

BIOL 336

41 UNITS

Upper-division major status is required to take any NUTR courses at the 300-level or higher listed in this section. Non-NUTR upper-division courses may be taken by pre-majors once 60 units have been completed.

BIOL 336	2	Principles of Human Physiology	open to students with credit in lower division physiology (BIOL 261).
ENS 304	3	Physiology of Exercise	open to students with credit in lower division physiology (BIOL 201).
NUTR 302	3	Advanced Nutrition	
NUTR 302L	2	Nutritional Assessment and Research Laboratory	If you are planning to become a Degisters
NUTR 303	2	Quantity Food Production	If you are planning to become a Registere Nutritionist (RD/RDN), please <i>Apply to the</i>
NUTR 304	3	Nutrition Throughout the Life Span	in Dietetics (DPD) the first semester that you
NUTR 401	3	Advanced Science of Food	division major status. Your transcript will be
NUTR 404	3	Food Systems Management	following criteria:
NUTR 405	2	Experimental Food Science and Technology Labora	• ≥ 3.1 overall and completed DPD course
NUTR 406	3	Medical Nutrition Therapy I	• C or better in DPD coursework
NUTR 408	3	Medical Nutrition Therapy II	
NUTR 510	2	Community Nutrition	7
NUTR 512	3	Nutrition for Athletes	
Major Electives	6	Select from the following:	
		NUTR 499; BIOL 315; B A 350; COMM 307; COMM 3 CSP 400; MGT 352; NURS 350; PSY 319; P H 302; PF	
DPD Course	s O	nly - Admission to DPD Required. Also Satisfy Ma	or Elective Units:

If you are planning to become a Registered Dietician Nutritionist (RD/RDN), please Apply to the Didactic Program in Dietetics (DPD) the first semester that you have upperdivision major status. Your transcript will be reviewed for the following criteria:

- ≥ 3.1 overall and completed DPD course GPA
- C or better in DPD coursework

Satisfies UD 2/5. Explorations - Phys, Bio, Math/Quant.

NUTR 407 Medical Nutrition Therapy I Laboratory (DPD ONLY) - Must be completed alongside NUTR 406 **NUTR 409** Medical Nutrition Therapy II Laboratory (DPD ONLY) - Must be completed alongside NUTR 408 Nutrition Education and Counseling (DPD ONLY) **NUTR 511**

REMAINING UPPER-DIVISION GENERAL EDUCATION

- UD. 3 Explorations Arts & Humanities
- At least one course from Explorations must satisfy Cultural Diversity. Look for the courses that have a "+" sign next to them. UD. 4 Explorations - Social & Behavioral Sciences
- GWAR/Upper Division Writing (RWS 305W is the most popular)

Additional coursework may be needed to complete the 120-unit bachelor's degree requirement.

Semester 1	Fall		
Course	Units	Notes	
CHEM 103	4	C or better to declare major	
COMM 103	3	Satisfies Oral Communication	
English Composition	3		
NUTR 200	1	FALL ONLY	
PSY 101	3	Satisfies Social and Behavioral Sciences	
Total	14		

Semester 2	Spring		
Course	Units	Notes	
BIOL 100	3		
BIOL 100L	1	Credit in or concurrent with BIOL 100	
CHEM 130	3	Completion of Chem 100; SPRING/SUMMER ONLY; C or better to declare major	
Critical Thinking	3	Completion of English Comp.	
SOC 101	3	Satisfies Social and Behavioral Sciences	
Statistics	3	Select from: ECON 201 or STAT 250	
Total	16		

Summer
Schedule any GE course from future semesters to lighten the unit load

Semester 3	Fall		
Course	Units	Notes	
BIOL 212	4	C or better in BIOL 100	
CHEM 160	3	Completion of CHEM 130; FALL ONLY	
NUTR 201	3	Completion of BIOL 100 and CHEM 100	
NUTR 203	2	Completion of English Communication; FALL ONLY	
American Institutions #1 + Ethnic Studies	3	Refer to list on pg. 1	
Total	15		

Semester 4	Spring		
Course	Units	Notes	
BIOL 211	2	Completion of BIOL 100; Credit in or concurrent with CHEM 100	
BIOL 211L	2	Credit in or concurrent with BIOL 211	
NUTR 205	4	C or better in CHEM 100. Credit in or concurrent with CHEM 130	
Arts and Humanities #1	3		
American Institutions #2	3		
Total	14		

Semester 5	Fall		
Course	Units	Notes	
BIOL 336	3	Satisfies Explorations PHYS, BIO, MATH/QUANT	
NUTR 303	2	Completion of NUTR 205; FALL ONLY	
NUTR 304	3	Completion of NUTR 201	
Arts and Humanities #2	3		
GWAR / Upper- Division Writing	3		
Total	14	APPLY to DPD	

Semester 6	Spring		
Course	Units	Notes	
ENS 304	3	C or better in BIOL 336	
NUTR 302	3	Completion of NUTR 201, BIOL 336, and CHEM 160; Concurrent registration in NUTR 302L	
NUTR 302L	2	Completion of NUTR 201, BIOL 336, and CHEM 160; Concurrent registration in NUTR 302	
NUTR 404	3	Completion of NUTR 303; SPRING ONLY	
Explorations - Social & Behavioral Sciences	3		
Major Elective	3		
Total	17		

Summer
Look into Graduate School/Dietetic Internship Application Requirements

Semester 7	Fall		
Course	Units	Notes	
NUTR 401	3	Completion of NUTR 205 and BIOL 211/211L	
NUTR 406	3	Completion of NUTR 302/302L; FALL ONLY	
NUTR 512	3	Completion of NUTR 201; FALL ONLY	
Major Elective	3		
Elective	3	To meet 120-minimum unit requirement	
Total	15	Apply to Graduate Programs	

Semester 8	Spring	
Course	Units	Notes
NUTR 405	2	Credit in or concurrent with NUTR 401
NUTR 408	3	Completion of NUTR 406; SPRING ONLY
NUTR 510	2	Completion of NUTR 203; Credit in or concurrent with NUTR 304
Explorations - Arts & Humanities / Cultural Diversity	3	
Elective	3	To meet 120-minimum unit requirements
Elective	2	To meet 120-minimum unit requirements
Total	15	<u>Apply to Graduate before the Schedule</u> <u>Adjustment (Add/Drop) Deadline</u>

Summer			