

# BACHELOR OF SCIENCE IN NUTRITION AND DIETETICS: CONCENTRATION IN DIETETICS AND NUTRITION SCIENCE

The Nutrition and Dietetics program prepares students for careers in clinical dietetics, foodservice systems management, and nutrition education in hospitals, communities, industry, or government agencies. Two concentrations are offered:

1. Dietetics & Nutrition Science
2. Foods & Community Nutrition

The Bachelor of Science in Nutrition & Dietetics is an accredited Didactic Program in Dietetics (DPD) and meets the Accreditation Standards of the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics.

## Accreditation Council for Education in Nutrition and Dietetics Academy of Nutrition and Dietetics

120 South Riverside Plaza, Suite 2190

Chicago, Illinois 60606-6995

Phone: 800-877-1600, ext. 5400

Web site: <https://www.eatrightpro.org/acend> (<https://www.eatrightpro.org/acend/>)

## Program Learning Outcomes

1. Students will articulate an understanding of food safety, management, and business theories as they apply to foodservice systems.
2. Students will analyze the impact of public policy, multidisciplinary teams, and healthcare systems on nutrition practice.
3. Students will use scientific research, current information technologies, and critical thinking skills to support evidence-based practice in the field of nutrition and dietetics.
4. Students will engage in professional communication skills such as counseling techniques, oral presentations, and written documentation to effectively meet the needs of diverse populations.
5. Students use the Nutrition Care Process to enhance the nutritional status and quality of life of diverse individuals, groups, and populations throughout the lifecycle.
6. Students will demonstrate competency in required biological and physical science courses to create a foundation for upper-division curricula and future professional practice.
7. Students will identify and evaluate issues of social responsibility, the Scope of practice, professional behavior and expectations, and Code of Ethics.

## ACEND – eatrightPRO

[www.eatrightpro.org](http://www.eatrightpro.org) (<https://www.eatrightpro.org/acend/>)

The Accreditation Council for Education in Nutrition and Dietetics is the accrediting agency for education programs preparing students for

careers as registered dietitian nutritionists or nutrition and dietetics technicians, registered.

## Mandatory Advising

The Nutrition & Dietetics majors should consult the designated DPD director/advisor for planning and evaluation of courses transferred from other institutions and prepare a Graduation Plan outlining course sequence. A prescribed sequence of courses must be adhered to as some classes are offered only in the fall or spring semesters, and senior-level courses are restricted to graduating seniors. Students should consult the course description in the current Bulletin for prerequisites and corequisites.

## Nutrition and Dietetics (B.S.): Concentration in Dietetics and Nutrition Science – 71 units minimum

### General Education Requirements Met in the Major

The requirements below are deemed “met in the major” upon completion of the courses listed (even though the courses and their prerequisites are not approved for GE). This is true whether or not the student completes the major.

- Area B1 (Physical Science) is satisfied upon completion of CHEM 130.
- Area B2 (Life Science) is satisfied upon completion of BIOL 210 and BIOL 220.
- Area B3 (Laboratory Science) is satisfied upon completion of CHEM 115 and BIOL 211.

### Core Requirements (38 units)

Code	Title	Units
CHEM 115	General Chemistry I: Essential Concepts of Chemistry	5
HTM 560	Hospitality Human Resource Management	3
MATH 124	Elementary Statistics	3
NUTR 253	Nutrition, Health, and Disease	3
NUTR 353GW	Foodservice Systems Management - GWAR	3
NUTR 357	Principles of Food Preparation	3
NUTR 453	Nutrition in the Life Cycle	3
NUTR 457	Management of Quantity Food Purchasing and Production	3
NUTR 551	Nutrition Education and Communication	3
NUTR 557	Experimental Food Study	3
NUTR 651	Community Nutrition and Assessment	3
PSY 200	General Psychology	3

### Professional Requirements (30 units)

Code	Title	Units
BIOL 210 & BIOL 211	General Microbiology and Public Health and General Microbiology and Public Health Laboratory	4
BIOL 212 & BIOL 213	Principles of Human Physiology and Principles of Human Physiology Laboratory	4
BIOL 220	Principles of Human Anatomy	4
CHEM 130	General Organic Chemistry	3
CHEM 349	General Biochemistry	3

NUTR 450	Advanced Nutrition I	3
NUTR 550	Advanced Nutrition II	3
NUTR 484	Medical Nutrition Therapy I	3
NUTR 584	Medical Nutrition Therapy II	3

### Recommended Electives (3-4 units)

Select one:

Code	Title	Units
BIOL 326	Disease!	3
FCS 426	Family Stress, Coping, and Resilience	3
FCS 543	Sustainability in the Textile, Housing, and Food Industries	3
GEOG 427	Agriculture and Food Supply	4
HH 380	Holistic Health: Western Perspectives	3
HH 381	Holistic Health: Eastern Perspectives	3
HH 382	Holistic Health: Human Nature and Global Perspectives	3
HH 383	Chinese Perspectives in Holistic Health	3
HTM 557	Restaurant and Catering Management	3
KIN 331	Peak Performance	3
KIN 355	Science, Sport, and Fitness	3
NUTR 356	Foods and World Culture	3
PH 200	Global Health	3
PH 210	Personal and Social Determinants of Health	3
PH 221	Health and Social Justice - Burning Issues, Taking Action	3
PH 241	Health and Social Movements in the United States in the 20th Century	3
PH 290	Promoting Positive Health	3
PH 410	Public Health Systems	3
PH 455	Community Organizing and Community Building for Health	3

### General Education Requirements

Requirement	Course Level	Units	Area Designation
Oral Communication	LD	3	A1
Written English Communication	LD	3	A2
Critical Thinking	LD	3	A3
Physical Science	LD	3	B1
Life Science	LD	3	B2
Lab Science	LD	1	B3
Mathematics/Quantitative Reasoning	LD	3	B4
Arts	LD	3	C1
Humanities	LD	3	C2
Arts or Humanities	LD	3	C1 or C2
Social Sciences	LD	3	D1
Social Sciences: US History	LD	3	D2

Lifelong Learning and Self-Development (LLD)	LD	3	E
Ethnic Studies	LD	3	F
Physical and/or Life Science	UD	3	UD-B
Arts and/or Humanities	UD	3	UD-C
Social Sciences	UD	3	UD-D

#### SF State Studies

Courses certified as meeting the SF State Studies requirements may be upper or lower division in General Education (GE), a major or minor, or an elective.

American Ethnic and Racial Minorities	LD or UD	3	AERM
Environmental Sustainability	LD or UD	3	ES
Global Perspectives	LD or UD	3	GP
Social Justice	LD or UD	3	SJ

Note: LD = Lower-Division; UD = Upper-Division.

### First-Time Student Roadmap (4 Year)

- In order to choose your English Composition A2 course and your QR/Math B4 course, please complete the online advising activities at [writingadvising.sfsu.edu](https://writingadvising.sfsu.edu/) (<https://writingadvising.sfsu.edu/>) and [mathadvising.sfsu.edu](https://mathadvising.sfsu.edu/) (<https://mathadvising.sfsu.edu/>). Questions? Contact Gator Smart Start. (<https://gatorsmartstart.sfsu.edu/>)
- Select the row that matches your English course choice for A2.\*
- Select the column that matches your QR/Math course choice for B4.
- Click the Roadmap that lines up with your row and column.

For example, if you select ENG 104/ENG 105 and a multi-semester QR/math sequence for your first year, then choose Roadmap D.

Course Choice	One-Semester Course	Two-Semester Sequence or Support Course
ENG 114	Roadmap A ( <a href="http://bulletin.sfsu.edu/colleges/health-social-sciences/consumer-family-studies-dietetics/bs-dietetics-conc-nutrition-science/roadmap-i-ii-eng/">http://bulletin.sfsu.edu/colleges/health-social-sciences/consumer-family-studies-dietetics/bs-dietetics-conc-nutrition-science/roadmap-i-ii-eng/</a> )	Roadmap C ( <a href="http://bulletin.sfsu.edu/colleges/health-social-sciences/consumer-family-studies-dietetics/bs-dietetics-conc-nutrition-science/roadmap-iii-iv-eng/">http://bulletin.sfsu.edu/colleges/health-social-sciences/consumer-family-studies-dietetics/bs-dietetics-conc-nutrition-science/roadmap-iii-iv-eng/</a> )

<b>ENG 104/ENG 105</b>	Roadmap B ( <a href="http://bulletin.sfsu.edu/colleges/health-social-sciences/consumer-family-studies-dietetics/bs-dietetics-conc-nutrition-science/roadmap-i-ii-stretch/">http://bulletin.sfsu.edu/colleges/health-social-sciences/consumer-family-studies-dietetics/bs-dietetics-conc-nutrition-science/roadmap-i-ii-stretch/</a> )	Roadmap D ( <a href="http://bulletin.sfsu.edu/colleges/health-social-sciences/consumer-family-studies-dietetics/bs-dietetics-conc-nutrition-science/roadmap-iii-iv-stretch/">http://bulletin.sfsu.edu/colleges/health-social-sciences/consumer-family-studies-dietetics/bs-dietetics-conc-nutrition-science/roadmap-iii-iv-stretch/</a> )
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\* Composition for Multilingual Students: If taking ENG 209 as your first English course, choose the ENG 114 row. If taking ENG 201 or ENG 212 for your first English course, choose the ENG 104/ENG 105 row.

## General Advising Information for Transfer Students

1. Before transfer, complete as many lower-division requirements or electives for this major as possible.
2. The following courses are not required for admission but are required for graduation. Students are strongly encouraged to complete these units before transfer; doing so will provide more flexibility in course selection after transfer.
  - a course in U.S. History
  - a course in U.S. & California Government

For information about satisfying the requirements described in (1) and (2) above at a California Community College (CCC), please visit <http://www.assist.org> (<http://assist.org>). Check any geographically accessible CCCs; sometimes options include more than one college. Use ASSIST to determine:

- Which courses at a CCC satisfy any lower-division major requirements for this major;
- Which courses at a CCC satisfy CSU GE, US History, and US & CA Government requirements.

Remedial courses are not transferable and do not apply to the minimum 60 semester units/90 quarter units required for admission.

Additional units for courses that are repeated do not apply to the minimum 60 units required for upper-division transfer (for example, if a course was not passed on the first attempt or was taken to earn a better grade).

Before leaving the last California Community College of attendance, obtain a summary of completion of lower-division General Education units (IGETC or CSU GE Breadth). This is often referred to as a GE certification worksheet. SF State does not require delivery of this certification to Admissions, but students should retain this document for verifying degree progress after transfer.

Credit for Advanced Placement, International Baccalaureate, or College-Level Examination Program courses: AP/IB/CLEP credit is not automatically transferred from the previous institution. Units are transferred only when an official score report is delivered to SF State. Credit is based on the academic year during which exams were taken. Refer to the University Bulletin in effect during the year of AP/IB/CLEP examination(s) for details regarding the award of credit for AP/IB/CLEP.

Students pursuing majors in science, technology, engineering, and mathematics (STEM) disciplines often defer 6-9 units of lower-division General Education in Areas C and D until after transfer to focus on

preparation courses for the major. This advice does not apply to students pursuing associate degree completion before transfer.

## Transferring From Institutions Other Than CCCs or CSUs

Review SF State's lower-division General Education requirements. Note that, as described below, the four basic skills courses required for admission meet A1, A2, A3, and B4 in the SF State GE pattern. Courses that fulfill the remaining areas of SF State's lower-division GE pattern are available at most two-year and four-year colleges and universities.

Of the four required basic skills courses, a course in critical thinking (A3) may not be widely offered outside the CCC and CSU systems. Students should attempt to identify and take an appropriate course no later than the term of application to the CSU. To review more information about the A3 requirement, please visit [bulletin.sfsu.edu/undergraduate-education/general-education/lower-division/#AAEL](http://bulletin.sfsu.edu/undergraduate-education/general-education/lower-division/#AAEL).

Waiting until after transfer to take a single course at SF State that meets both US and CA/local government requirements may be an appropriate option, particularly if transferring from outside of California.

## All Students Must Meet the Transfer Eligibility Requirements Outlined Below for Admission.

For more information, visit the Undergraduate Admissions section (<http://bulletin.sfsu.edu/undergraduate-admissions/>).

- Complete 60 or more transferable semester units or 90 or more quarter units.
- Earn a college grade point average of 2.0 or better in all transferable courses. Non-local area residents may be held to a higher GPA standard.
- Be in good standing at the last college or university attended.
- Complete 30-semester units (45-quarter units) of General Education, including four basic skills courses:
  - a. One course in oral communication (same as CSU GE Area A1)
  - b. One course in written composition (same as CSU GE Area A2)
  - c. One course in critical thinking (same as CSU GE Area A3)
  - d. One course in mathematics or quantitative reasoning (same as CSU GE Area B4)
- The four basic skills courses and a minimum of 60 transferable semester units (90-quarter units) must be completed by the spring semester prior to fall admission, or by the fall semester prior to spring admission. Earn a C- or better grade in each basic skills course.