

BACHELOR OF SCIENCE, MAJOR IN FOOD SCIENCE AND NUTRITION

Code	Title	Hours
Bachelor of Science, Major in Food Science and Nutrition		
Core Curriculum (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/)		
Component Area I (Communication)		6
Component Area II (Mathematics)		3
Component Area III (Life and Physical Science)		8
Component Area IV (Language, Philosophy, and Culture)		3
Component Area V (Creative Arts)		3
Component Area VI (U.S. History)		6
Component Area VII (Political Science/Government)		6
Component Area VIII (Social and Behavioral Sciences)		3
Component Area IX (Component Area Option)		4
Degree Specific Requirements		
BIOL 2403 or BIOL 2401	Human Anatomy & Physiology I ¹ Human Anatomy	4
BIOL 2404 or BIOL 2402	Human Anatomy & Physiology II Human Physiology	4
CHEM 1411	General Chemistry I ¹	4
CHEM 1412	General Chemistry II	4
MATH 1314	Pre Calculus Algebra ²	3
MATH 1369	Elementary Statistics	3
KINE 2115	Lifetime Health and Wellness ³	1
Major		
FACS 1441	Food Preparation And Selection	4
FACS 2362	Nutrition	3
FACS 3329	Nutrition through the Lifespan	3
FACS 3339	Community Nutrition	3
FACS 3445	Quan Food Pur Prep & Ser	4
FACS 3367	Food Science	3
FACS 3369 or PSYC 3374	Family Relationships Development Psychology	3
FACS 3370	Nutritional Pathways	3
FACS 3380	Advanced Nutrition	3
FACS 4360	Clinical Dietetics I	3
FACS 4361	Clinical Dietetics II	3
FACS 4370	Adv Food Sys Org & Mngt	3
FACS 4371	Nutrition Assessment	3
FACS 4373	Cultural Food Practices	3
Additional Requirements		
BIOL 2420	Intro Applied Microbiology	4
CHEM 2323 & CHEM 2123	Organic Chemistry I: Lecture and Organic Chemistry I Lab	4
ECON 2300 or ECON 2301 or ECON 2302	Introduction To Economics ⁴ Principles Of Macroeconomics Principles Of Microeconomics	3
ENGL 3330	Intro to Technical Writing	3
MGMT 3310	Principles Of Management	3

PSYC 1301	Introduction To Psychology	3
PSYC 4332	Learning	3
FACS Elective ⁵		3
Total Hours		120

- ¹ Satisfies 4 hours of the Core Curriculum requirement for Component Area III (Life and Physical Sciences) as well as the major.
- ² Satisfies the Core Curriculum requirement for Component Area II (Mathematics).
- ³ Satisfies the Core Curriculum requirement for one hour of Component Area IX (Component Area Option) as well as the major.
- ⁴ Satisfies the Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences) as well as the major.
- ⁵ Lifecycle Nutrition is the preferred Nutrition Elective.

Notes

FACS 3369 require Junior standing.

FACS 2362 requires 3 hours of BIOL or CHEM.

FACS 1441 or FACS 2441 is a prerequisite for FACS 3445.

FACS 3367 requires the completion of 4 hours of Chemistry, and FACS 1441, FACS 1367, or FACS 2362.

FACS 3380 and Junior standing are prerequisites for FACS 3370.

BIOL 2420 requires a "C" or higher in BIOL 2401, BIOL 2402 and in CHEM 1406 or CHEM 1411. This course will satisfy 4 hours of the Core Curriculum requirement for Component Area III (Life and Physical Science).

MGMT 3310 requires 50 hours of course work completed.

PSYC 4332 requires PSYC 1301 as a prerequisite for FSN majors.

ENGL 1301 and ENGL 1302 are prerequisites for ENGL 3330 and satisfy the Core Curriculum requirement for Component Area I (Communications).

The estimated cost of completing the DPD Program, including tuition and fees, books, lab coat, and SHSDA dues is \$37,139. (Cost of tuition, fees and textbooks is subject to change without notice).

The program requires transfer and change of major students to have a minimum GPA of 3.0 prior to declaring FSN as a major and submitting a degree plan.

To be eligible to receive an *ACEND Verification Statement of DPD Program Completion*, students in the DPD at Sam Houston State University must have a minimum GPA of 3.0 overall, a DPD GPA of 3.0 or better, and a "C" or better in all FACS courses. Upper level courses must have been completed in the previous 5 years. The DPD Director will issue the *Verification Statement* once the FSN degree has been conferred on the student's academic transcript (usually one month after the end of the semester). An official copy of the *Verification Statement* is required to begin an ACEND-accredited dietetic internship. Receipt of the *Verification Statement* does not guarantee an ACEND-accredited dietetic internship. Students who do not meet the grade point requirement for a *Verification Statement* but satisfy graduation requirements will graduate with a Bachelor of Science in Food Science and Nutrition. Sam Houston State University does not guarantee dietetic internship placement or selection.

The Didactic Program in Dietetics (DPD) is currently granted accreditation by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics.

120 South Riverside Plaza
Suite 2000
Chicago, IL 60606-6995
1-800-877-1600, ext. 5400
Website: Eat Right (<https://www.eatrightpro.org/acend/>)

First Year

Fall	Hours	Spring	Hours
BIOL 2402 or 2401 ¹		4 BIOL 2404 or 2402	4
ENGL 1301 ²		3 CHEM 1411 ¹	4
HIST 1301 ³		3 ENGL 1302 ²	3
KINE 2115 ⁴		1 HIST 1302 ³	3
MATH 1314 ⁵		3	
	14		14

Second Year

Fall	Hours	Spring	Hours
Component Area IV (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiv)		3 BIOL 2420	4
CHEM 1412		4 ENGL 3330	3
FACS 1441		4 FACS 2362	3
POLS 2305 ⁶		3 MATH 1369	3
PSYC 1301		3 POLS 2306 ⁶	3
		17	16

Third Year

Fall	Hours	Spring	Hours
Component Area IX (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix)		3 Component Area V (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav)	3
ENGL 3330		3 CHEM 2123	1
FACS Elective ⁷		3 CHEM 2323	3
FACS 3370		3 FACS 3339	3
FACS 3445		4 FACS 4371	3
		FACS 4373	3
		16	16

Fourth Year

Fall	Hours	Spring	Hours
FACS 3367		3 ECON 2300, 2301, or 2302 ⁸	3
FACS 3380		3 FACS 3369 or PSYC 3374	3
FACS 4360		3 FACS 4361	3
MGMT 3310		3 FACS 4370	3
PSYC 4332		3	
		15	12

Total Hours: 120

- 1 Satisfies Core Curriculum requirement for Component Area III (Life and Physical Sciences).
- 2 Satisfies Core Curriculum requirement for Component Area I (Communication).
- 3 Satisfies Core Curriculum requirement for Component Area VI (U.S. History).
- 4 Satisfies one hour of the Core Curriculum requirement for Component Area IX (Component Area Option).
- 5 Satisfies Core Curriculum requirement for Component Area II (Mathematics).
- 6 Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
- 7 Lifecycle Nutrition is the preferred Nutrition Elective.
- 8 Satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).

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The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's **60x30TX plan** and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The BS in Food Science and Nutrition is designed to provide graduates with the following marketable skills:

- Demonstrate skills in performing nutrition assessments (individual and group) and assessment for the life cycle.
- Ability to apply food science product manipulation and development.
- Knowledge in and ability to perform culinary medicine food demonstration.
- Demonstrate basic understanding of nutritional quality assessment of individuals and populations utilizing computer software.
- Awareness of food and inventory management.