

# BACHELOR OF SCIENCE, MAJOR IN FOOD SCIENCE AND NUTRITION

## Bachelor of Science, Major in Food Science and Nutrition

**Core Curriculum** ([catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/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

MATH 1314	Pre Calculus Algebra <sup>1</sup>	3
MATH 1369	Elementary Statistics	3
BIOL 2401	Human Anatomy <sup>2</sup>	4
BIOL 2402	Human Physiology <sup>2</sup>	4
CHEM 1411	General Chemistry I	4
CHEM 1412	General Chemistry II	4

## Major Core

FACS 4362	Presentation Techniques	3
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## Major

FACS 1441	Food Preparation And Selection	4
FACS 2362	Nutrition	3
FACS 3445	Quan Food Pur Prep & Ser	4
FACS 3367	Food Science	3
FACS 3339	Community and Life Cycle Nutri	3
FACS 3370	Nutritional Pathways	3
FACS 3369	Family Relationships	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
KINE 2115	Lifetime Health and Wellness <sup>3</sup>	1

## Additional Requirements

FACS 3380	Advanced Nutrition	3
CHEM 2323 & CHEM 2123	Organic Chemistry I: Lecture and Organic Chemistry I Lab	4
BIOL 2420	Intro Applied Microbiology	4
PSYC 1301	Introduction To Psychology	3
ACCT 2301	Principles Of Financial Acc	3
ECON 2300 or ECON 2301 or ECON 2302	Introduction To Economics <sup>4</sup> Principles Of Macroeconomics Principles Of Microeconomics	3
MGMT 3310	Principles Of Management	3
PSYC 4332	Learning	3

ENGL 3330	Intro To Technical Writing	3
Total Hours		120

- 1 Satisfies the requirement for Component Area II (Mathematics).
- 2 Satisfies 4 hours of the requirement for Component Area III (Life and Physical Sciences).
- 3 Satisfies the requirement for Component Area VIII (Social and Behavioral Sciences).
- 4 Satisfies the requirement for one hour of Component Area IX (Component Area Option).

### Notes

FACS 4362 and FACS 3369 require Junior Standing.

BIOL 2401 is a prerequisite for FACS 2362.

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

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

FACS 1367 or FACS 2362 is a prerequisite 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 in Core Component Area III.

ACCT 2301 requires 18 hours of course work completed.

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 Core Component Area I.

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). Students are expected to provide themselves with medical insurance coverage and insurance that includes medical coverage on their vehicles as they travel to required work experience or job shadowing sites.

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

Upon completion of the B.S. degree in Food Science and Nutrition (Didactic Program in Dietetics), according to the catalog under which the student's degree plan is filed, the student will be issued a verification statement of eligibility to apply for a Dietetic Internship.

**A grade point minimum of 3.0 is required in order for a graduate of this program to be issued a Letter of Verification of completion of the program.**

The DPD director will assist students with the Dietetic Internship application process. 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: [www.eatrightacend.org/ACEND/](http://www.eatrightacend.org/ACEND/) (<http://www.eatrightacend.org/acend/>).

### First Year

Fall	Hours Spring	Hours
FACS 1441	4 ENGL 1302 <sup>1</sup>	3
ENGL 1301 <sup>1</sup>	3 CHEM 1411	4
MATH 1314 <sup>2</sup>	3 HIST 1302 <sup>4</sup>	3
BIOL 2401 <sup>3</sup>	4 KINE 2115 <sup>5</sup>	1
HIST 1301 <sup>4</sup>	3 PSYC 1301	3
	17	14

### Second Year

Fall	Hours Spring	Hours
FACS 2362	3 CHEM 2323	3

CHEM 1412	4 ECON 2300, 2301, or 2302 <sup>7</sup>	3
BIOL 2402 <sup>3</sup>	4 CHEM 2123	1
POLS 2305 <sup>6</sup>	3 POLS 2306 <sup>6</sup>	3
Component Area IV (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareaiv)	3 MATH 1369	3
	17	13
<b>Third Year</b>		
<b>Fall</b>	<b>Hours Spring</b>	<b>Hours</b>
FACS 3367	3 FACS 3339	3
FACS 3370	3 FACS 3380	3
FACS 3369	3 BIOL 2420	4
FACS 3445	4 ACCT 2301	3
Component Area IX (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareaix)	3	
	16	13
<b>Fourth Year</b>		
<b>Fall</b>	<b>Hours Spring</b>	<b>Hours</b>
FACS 4360	3 FACS 4361	3
FACS 4371	3 FACS 4370	3
FACS 4362	3 FACS 4373	3
ENGL 3330	3 PSYC 4332	3
Component Area V (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareav)	3 MGMT 3310	3
	15	15

Total Hours: 120

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