

BACHELOR OF SCIENCE IN FOOD SCIENCE

Web Site: <https://twu.edu/nutrition-food-sciences/undergraduate-programs/>

Degree Requirements

Total Semester Credit Hours (SCH): 120

Major: 49 SCH

Program Code: FOODSCIENCE.BS **CIP Code:** 01.1001.00

Texas Core Curriculum

Code	Title	SCHs
ENG 1013	Composition I (10)	3
ENG 1023	Composition II (10)	3
Mathematics (20)		3
Life & Physical Sciences (30)		6
Language, Philosophy, & Culture (40)		3
Creative Arts (50)		3
HIST 1013	History of the United States, 1492-1865 (60)	3
HIST 1023	History of the United States, 1865 to the Present (60)	3
POLS 2013	U.S. National Government (70)	3
POLS 2023	Texas Government (70)	3
Social & Behavioral Sciences (80)		3
CAO: Multicultural-Women's Studies (90)		3
CAO: First Year Seminar, Wellness or Mathematics (91)		3
Total SCHs		42

Courses Required for Major

Code	Title	SCHs
NFS 1302 & NFS 1301	Food Preparation Principles and Food Preparation Principles Laboratory	3
NFS 2033 & NFS 2031	Food Microbiology and Food Microbiology Laboratory	4
NFS 2323	Introduction to Nutrition	3
NFS 3173	Culture and Food	3
NFS 3323 & NFS 3321	Food Science and Food Science Laboratory	4
NFS 3393	Principles of Culinary Science	3
NFS 4024	Food Product Development	4
NFS 4943	Trends and Controversies in Nutrition and Food Sciences	3
NFS 4123	Sensory Evaluation of Food	3
NFS 4503	Food Processing and Unit Operations	3
NFS 4033	Food Chemistry	3
NFS 4043	Food Safety Systems	3
NFS 4053	Food Analysis	3
NFS 4913	Independent Study (Laboratory Experience)	3
Electives		4
Total SCHs		49

Departmental Requirements

Code	Title	SCHs
BIOL 1113 & BIOL 1111	Principles of Biology I and Principles of Biology I Laboratory	4
CHEM 1113 & CHEM 1111	General Chemistry I and General Chemistry Laboratory I	4
CHEM 1123 & CHEM 1121	General Chemistry II and General Chemistry Laboratory II	4
CHEM 3333 & CHEM 3331	Quantitative Chemical Analysis and Quantitative Chemical Analysis Laboratory	4
MATH 1313	Trigonometry	3
MATH 2014	Calculus I	4
MATH 1703	Elementary Statistics I	3
MKT 3113	Principles of Marketing	3
MKT 4213	Consumer Behavior	3
SPCH 1013	Oral Communication	3
Select 3 SCH from the following		3
UNIV 1231	Learning Frameworks: First-Year Seminar	
KINS 1901	Fitness and Health Laboratory	
KINS 1902	Health and Wellbeing: Enhancing Personal Wellness	
Total SCHs		38