

AGRICULTURE - AGRICULTURE SCIENCE - PLANT AND SOIL SCIENCE - ENVIRONMENTAL SOIL SCIENCE, B.S.

Course	Title	Semester Credit Hours
Freshman Year		
Semester 1		
BIOL 1306 & BIOL 1106	General Biology I and General Biology Laboratory I	4
ENGL 1301	Rhetoric and Composition	3
MATH 1314	College Algebra	3
PLSS 1407	General Plant Sciences	4
UNIV 1101	Learning in Global Context I	1
Semester Credit Hours		15
Semester 2		
CHEM 1311 & CHEM 1111	Gen Inorganic Chemistry I and Gen Inorganic Chem Lab I	4
ENGL 1302	Rhetoric and Composition	3
GEOL 1303	Physical Geology	3
HIST 1301	American History to 1877	3
UNIV 1102	Learning in Global Context II	1
Semester Credit Hours		14
Sophomore Year		
Semester 1		
CHEM 1312 & CHEM 1112	Gen Inorganic Chemistry II and Gen Inorganic Chem Lab II	4
HIST 1302	American History since 1877	3
PLSS 2316	Describing Soils in the Field	3
POLS 2301	Government and Politics of US	3
Social/Behavioral (https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#social)		3
Semester Credit Hours		16
Semester 2		
POLS 2302	Government and Politics of TX	3
PLSS 3410	Principles of Soil Science	4
Creative arts (https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#creative)		3
Communications (https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#communication)		3
Lang/Phil/Culture (https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#language)		3
Semester Credit Hours		16

Junior Year		
Semester 1		
AGBU 2317	Intro to Agric Economics	3
AGRI 3372	Contemporary Issues (WI)	3
CHEM 3451	Environmental Chemistry	4
PLSS 3381	Crop Physiology	3
Ag. Sci., elective		3
Semester Credit Hours		16
Semester 2		
ANSC 4308	Statistics in Agriculture	3
PLSS 3320	Soil Formation and Class	3
PLSS 3321	Sustainable Soil Water Manag	3
PLSS 3995	Internship (WI)	3
RWSC, adv.		3
Semester Credit Hours		15
Senior Year		
Semester 1		
GEOG 2472	Intro to Geographic Info Sys	4
PLSS 3344 or PLSS 4326	Vegetable Crop Production or Hort Fruit Crop Production	3
PLSS 4327 or PLSS 4329	Soil Water Movement or Soil Health and Productivity	3
Ag. or Sci., adv.		3
Kinesiology		1
Semester Credit Hours		14
Semester 2		
AGRI 4171	Seminar	1
PLSS 3325 or PLSS 3334	Field Crop Production or Weed Management in Crops	3
Ag. or Sci., adv.		3
Ag. Sci., adv. ¹		3
Sci., adv. elective ²		3
Semester Credit Hours		13
Total Credit Hours Required:		119

¹ Students must choose an elective or advance elective (adv.) course from AGSC, AGBU, AGRI, PLSS or other Dept. of AGSC.

² Students may choose one course with laboratory in Physics, or advanced Geography, Geology, Environmental Engineering, or Advanced GIS course [GEOG 3460, GEOG 4429, etc].