

AGRICULTURAL SCIENCE - BS

Program Requirements

First Year

Fall		Semester Credit Hours
AGLS 101	Modern Agricultural Systems and Renewable Natural Resources	1
ANSC 107 or POSC 201	General Animal Science or General Avian Science	3
Select one of the following:		3
AGEC 105	Introduction to Agricultural Economics	
ECON 202	Principles of Economics	
ECON 203	Principles of Economics	
Communication (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication)		3
Mathematics (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics)		3
Scientific agricultural elective ¹		3
Semester Credit Hours		16

Spring

HORT 201 or SCSC 105	Horticultural Science and Practices or World Food and Fiber Crops	3
Select one of the following:		3
AGSC 489	Special Topics in...	
AGSM 201	Agricultural Energy and Power Systems	
AGSM 360	Occupational Safety Management	
AGSM 489	Special Topics in...	
POSC 427	Animal Waste Management	
American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history)		3
Mathematics (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics)		3
General elective		3
Semester Credit Hours		15

Second Year

Fall		
Communication (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication)		3
Government/Political science (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science)		3
Language, philosophy and culture (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture)		3
Life and physical sciences (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences)		3

Scientific agricultural elective ¹	3
Semester Credit Hours	15

Spring

American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history)		3
Creative arts (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts)		3
Government/Political science (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science)		3
Life and physical sciences (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences)		3
Scientific agricultural elective ¹		3
Semester Credit Hours		15

Third Year

Fall

AGSC 302	Teaching School-Based Agricultural Education & Clinical Professional Experience ^{2,3}	4
INST 210	Understanding Special Populations ²	3
Select one of the following:		3
AGEC 314	Marketing Agricultural and Food Products	
AGEC 315	Food and Agricultural Sales	
AGEC 325	Principles of Farm and Ranch Management	
AGEC 340	Agribusiness Management	
Plant science elective ⁴		3
Scientific agricultural elective ¹		2
Semester Credit Hours		15

Spring

AGSC 373	Managing Safety in the Agricultural Science Program ²	3
AGSC 383	Teaching Agricultural Mechanics ²	3
ANSC 320	Animal Nutrition and Feeding	3
INST 301	Educational Psychology ²	3
Life and physical sciences (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences)		3
Semester Credit Hours		15

Fourth Year

Fall

AGSC 402	Designing Instruction for Secondary Agricultural Science Programs ^{2,3}	3
AGSC 405	Facilitating Complete Secondary Agricultural Science Programs ^{2,3}	3
ANSC 333	Reproduction in Farm Animals	3
Plant science elective ⁴		3
Scientific agricultural elective ¹		2
Semester Credit Hours		14

Spring

AGSC 425	Learner Centered Instruction in Agricultural Science ^{2,3}	3
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AGSC 436	Professional Teaching Internship in AGSC 2,3	6
AGSC 481	Seminar ²	1
AGSC 484	Field Experience ²	4
ANSC 484	Livestock Practicum	1
Semester Credit Hours		15
Total Semester Credit Hours		120

¹ All scientific agricultural electives are to be selected in consultation with an academic advisor.

² Must make a grade of C or better to receive credit.

³ Professional development course required for certification as a teacher of agricultural science.

⁴ Select from ESSM 100-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/essm/>), HORT 100-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/hort/>), SCSC 100-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/scsc/>).

Graduation requirements include a requirement for 3 hours of International and Cultural Diversity (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>) courses and 3 hours of Cultural Discourse (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/>) courses. A course satisfying a Core category, a college/department requirement, or a free elective can be used to satisfy this requirement. See an academic advisor.

Additional Requirements:

1. Completion of all courses listed on the degree plan. All AGSC and Interdisciplinary Studies (INST) courses with a C or better.

2. A minimum of 2.75 Cumulative GPA at Texas A&M.