

Proposed B.S. in Agricultural Science Curriculum Model

Freshman Year			
Fall	Hours	SPRING	Hours
ANSC 1000 Introduction to Animal Science	4	BIOL 1030/1031 Organismal Biology + Lab	4
MATH 1130 Pre-calculus Trigonometry	3	CHEM 1030 Fundamentals of Chemistry I	3
ENGL 1100 English Composition I	3	CHEM 1031 Fundamentals of Chemistry I Lab	1
Core History Sequence I ¹	3	ENGL 1120 English Composition II	3
BIOL 1020/1021 Principles of Biology + Lab	4	Core History Sequence II or Core Social Science ¹	3
	17		14

Sophomore Year			
Fall	Hours	SPRING	Hours
CSES 2040/43 Basic Soil Science	4	HORT 2020 Horticulture Crop Production	3
POUL 1000 Introduction to Poultry Science	3	STAT 2510 Stats for Bio./Health Sciences	3
Core Literature I ¹	3	CSES 1000/03 Basic Crop Science	4
ECON 2020 Principles of Microeconomics	3	Core Literature II or Humanities Choice ¹	3
Social Science Choice	3	COMM 1000 Public Speaking	3
	16		16

Junior Year			
Fall	Hours	SPRING	Hours
HORT 2210 Landscape Gardening	4	CTCT 2100 Power Equipment Technology	3
AGEC 3010 Agribusiness Marketing or AGEC 4000 Agribusiness Management²	3	ENTM 4020 Economic Entomology	4
PLPA 3000 General Plant Pathology	4	Agriculture Supporting Course	3
Agriculture Supporting Course (3000-5000 level)	4	Agriculture Supporting Course	3
		Directed Science Elective ³	3
	15		16

Senior Year			
Fall	Hours	SPRING	Hours
FISH 5210 Principles of Aquaculture⁴ Or FISH 5520 Small Impoundment Mgmt^{4/5}	3	CTCT 4140 Ag Structures/Metal Fabrication	3
CTCT 4030 Career & Technical Student Orgs	3	Agriculture Supporting Course (3000-5000 level)	4
HORT 4000 Pesticide Management Or CSES 3120/23 Principles of Weed Science	3	Directed Science Elective ³	3
		Core Fine Arts	3
Electives	4	UNIV 4AAO University Graduation	0
	13		13

Total Hours Required: 120

Agriculture Supporting Courses:
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ANSC 2000, 2010, 2700, 2710, 2720, 3300, 3310, 3330, 4800; FISH 5210, 5520, 5410, 5380; POUL 3030, 3060, 3100, 3150; FDSC 1000; CSES 3120/23, 5030/33, 5500/03; HORT 2030, 2040, 2050, 2240, 3000, 4000; AGRI 3800, 5840; AGEC² 3010, 3050, 3100, 3300, 4000, 4070, 4100; PLPA 5050, 5200, 5400, 5500; ENTM 4040, 5010, 5140, 5220, 5300, 5240, 5360, 5370, 5440

¹All student must complete at least one literature course and a history sequence OR a literature sequence and at least one history course for a total of 12 hours in Humanities and 12 hours in Social Sciences.

²only offered Fall term

³Approved directed science electives: FISH 2100; BIOL 3010, 3100, 3200; CHEM 1040/41, 2030, 2070; BCHE 3200; 6 hours of ROTC

⁴Students not double majoring in Ag Education will need to complete the pre-requisite FISH 2100.

⁵only offered Summer term