



Bachelor of Science in Agriculture, Food and Environmental Sciences

Major: Agricultural Education, Communication and Leadership

Specialization: Agricultural Education

2018-2019 Sample 4-Year Plan

Total Degree Requirements: 120 credits. 2.5 Cumulative GPA, 2.6 Agricultural GPA, and 2.8 Education GPA required

Student _____ Student ID# _____ Student Phone # _____

Advisor _____ Minimum GPA 2.5 Cumulative Minor/Career Interest(s) _____

Students are not limited to this plan; it is meant to be used as a guide for planning purposes in consultation with your advisor. The sample schedule is one possible path to completing your degree within four years. For official program requirements, please refer to the [Undergraduate Catalog](#).

First Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AGED 119	First Year Seminar		2	F	
BIOL 101-101L	Biology Survey I and Lab (SGR #6)		3		
HO 111-111L or HO 413-413L	Intro to Horticulture and Lab, or Greenhouse and High Tunnel Management and Lab		3		
SGR #4	Arts and Humanities / Diversity (SGR #4)		3		
SPCM 101	Fundamentals of Speech	Need C or Higher	3		
Total Credit Hours			14		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS 101-101L	Intro to Animal Science and Lab		4		
BIOL 103-103L	Biology Survey II and Lab (SGR #6)	p. BIOL 101-101L	3		
ENGL 101	Composition I	Need C or higher	3		
MATH 102	College Algebra (SGR #5)	Need C or higher	3		
PS 103-103L	Crop Production and Lab		3		
Total Credit Hours			16		

Second Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AGED 295	Practicum	Need C or higher	1	F	
AGED 405	Philosophy of Career and Tech Education	Need C or Higher	2	F	
AGED 491	Independent Study - Welding		1		
AST 202-202L	Construction Technology and Materials and Lab		2	F	
EDFN 475	Human Relations	Need C or Higher	3		
ENGL 201	Composition II (SGR #1)	p. ENGL 101	3		
SGR #3	Social Sciences/Diversity		3		
Total Credit Hours			15		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS 241-241L	Intro to Meat Science and Lab		3		
CHEM 106-106L	Chemistry Survey and Lab (SGR #6)	p. MATH 101 or higher	4		
DS 130-130L, or DS 231, or FS 101, or FS 251	Intro to Dairy Science and Lab, or Dairy Foods, or Intro to Food Science, or Food Safety and Quality Mgmt Systems		3	F/S S S F	
ECON 201	Principles of Microeconomics (SGR #3)		3		
SGR #4	Arts & Humanities / Diversity (SGR #4)		3		
Total Credit Hours			16		

Information Subject to Change. This is not a contract.

p. = Course Prerequisite
Semester: F = Fall, S = Spring, SU = Summer



Third Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AGED 431	Work Based Learning	Need C or higher	2	F	
AS 285-285L or AGEC 354	Livestock Evaluation and Marketing and Lab, or Agricultural Marketing and Prices	p. AS 101/L p. ECON 201 or 202	3		
EDFN 351	Teaching and Learning I	Need C or higher	1		
NRM 110 or WL 220	Intro to Natural Resource Management, or Intro to Wildlife and Fisheries Management		3		
PS 213-213L	Soils and Lab	p. CHEM 106/L or CHEM 112-112L	3		
Elective			3		
Total Credit Hours			15		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AGEC 271	Farm and Ranch Management	p. Math 102 or higher	3		
AIS 211	SD American Indian Culture and Education	Need C or higher	3		
AST 211-211L	Ag and Outdoor Power for Teachers and Lab		1	S	
AST 311-311L	Applied Electricity for Teachers and Lab		1	S	
EDFN 352-352L	Teaching and Learning II and Lab	p. EDFN 351, Need C or higher	5		
Elective			3		
Total Credit Hours			16		

Summer

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AGED 494	Internship		1		
Total Credit Hours			1		

Fourth Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AGED 404-404L	Methods in Agricultural Education and Lab	Need C or higher	4		
AGED 408	Supervision of Work Experience and Youth Organizations	Need C or higher	2		
EDFN 453	Teaching and Learning III	p. EDFN 352, Need C or higher	5		
SEED 450	Reading and Content Literacy	Need C or higher	2		
Elective			2		
Total Credit Hours			15		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
EDFN 454	Teaching and Learning IV	p. EDFN 453	11	S	
SEED 456	Capstone/Action Research		1		
Total Credit Hours			12		

Comments/Notes

Students from all academic majors can pursue graduation with Fishback Honors College distinction. View the [Honors program requirements](#).