



**Bachelor of Science in Agriculture, Food and Environmental Sciences**

**Major: Agricultural Education, Communication and Leadership**

**Specialization: Agricultural Education**

**2020-2021 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	Introduction to Horticulture and Lab, or Greenhouse and High Tunnel Management and Lab	Cross-Listed: PS 413/L	3		
SGR #4	Arts and Humanities / Diversity (SGR #4)		3		
SPCM 101	Fundamentals of Speech (SGR #2)	Need C or higher	3		
<b>Total Credit Hours</b>			14		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS 101-101L	Introduction to Animal Science and Lab	Fall restricted to Animal Science majors	4	F/S	
BIOL 103-103L	Biology Survey II and Lab (SGR #6)		3		
ENGL 101	Composition I (SGR #1)	Need C or higher	3		
SGR #5	Mathematics (SGR #5)	Need C or higher	3		
PS 103-103L	Crop Production and Lab		3		
<b>Total Credit Hours</b>			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 Technical Education	Need C or higher Cross-Listed: FCSE 405	2	F	
AST 202-202L	Construction Technology and Materials and Lab		2	F	
ENGL 201	Composition II (SGR #1)	p. ENGL 101	3		
AIS 211	SD American Indian Culture and Education (SGR #3)	Need C or higher	3		
SGR #4	Arts & Humanities / Diversity (SGR #4)		3		
<b>Total Credit Hours</b>			14		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS 241-241L	Introduction to Meat Science and Lab		3	F/S	
CHEM 106-106L	Chemistry Survey and Lab (SGR #6)	p. MATH placement	4		
DS 130-130L, or DS 231, or FS 101, or FS 251	Introduction to Dairy Science and Lab, or Dairy Foods, or Introduction to Food Science, or Food Safety and Quality Management Systems		3	F/S S S F	
ECON 201	Principles of Microeconomics (SGR #3)	ECON 202 accepted, not preferred	3		
NRM 110 or WL 220	People and the Environment, or Introduction to Wildlife and Fisheries Management		3	F S	
<b>Total Credit Hours</b>			16		

**Information Subject to Change. This is not a contract.**

p. = Course Prerequisite c. = Corequisites  
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	
AGED 491	Independent Study - Welding		1	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	F/S	
EDFN 340	Adolescent Development in Educational Contexts	Need a C or higher	3		
EDFN 351	Teaching and Learning I	c. EDFN 340; Need C or higher	1		
PS 213-213L	Soils and Lab	p. CHEM 106/L or CHEM 112/L	3		
Elective			3		
<b>Total Credit Hours</b>			16		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AGEC 271	Farm and Ranch Management	p. Math 103 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			6		
<b>Total Credit Hours</b>			16		

**Summer**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AGED 494	Internship		1		
<b>Total Credit Hours</b>			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 453-453L	Teaching and Learning III and Lab	p. EDFN 352, Need C or higher, c. SEED 450 and EDFN 453L or consent	7		
SEED 450	Reading and Content Literacy	Need C or higher	2		
<b>Total Credit Hours</b>			15		

**Spring**

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

**Comments/Notes**

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