



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

**Major: Agricultural Science**

**2018-2019 Sample 4-Year Plan**

**Total Degree Requirements: 120 credits**

Student \_\_\_\_\_ Student ID# \_\_\_\_\_ Student Phone # \_\_\_\_\_

Advisor \_\_\_\_\_ Minimum GPA 2.0 \_\_\_\_\_ 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
ABS 119	First Year Seminar		2		
BIOL 101-101L	Biology Survey I and Lab (SGR #6)		3		
PS 103-103L	Crop Production and Lab		3		
SGR #3	Social Sciences/Diversity (SGR #3)	Not an Econ prefix	3		
SPCM 101	Fundamentals of Speech (SGR #2)		3		
<b>Total Credit Hours</b>			14		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS 101-101L or DS 130-130L	Intro to Animal Science and Lab or Intro to Dairy Science and Lab		4		
BIOL 103-103L or BOT 201-201L	Biology Survey II and Lab or General Botany and Lab	p. BIOL 101-101L	3		
ENGL 101	Composition I (SGR #1)		3		
MATH 102	College Algebra (SGR #5)	p. Placement, MATH 095 or MATH 101 (C or better)	3		
SGR #4	Arts and Humanities/Diversity (SGR #4)		3		
<b>Total Credit Hours</b>			16		

**Second Year**

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AGEC 271	Farm and Ranch Management	p. MATH 102	3		
Agriculture Elective	Select credits with the prefix of: ABE, ABS, AST, DS, EES, FS, HO, NRM, PRAG, RANG, or VET		3		
CHEM 106-106L	Chemistry Survey and Lab (SGR #6)	p. MATH 101 or higher	4		
SGR #4	Arts and Humanities/Diversity (SGR #4)		3		
*Elective			2		
<b>Total Credit Hours</b>			15		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
Agriculture Elective	Select credits with the prefix of: ABE, ABS, AST, DS, EES, FS, HO, NRM, PRAG, RANG, or VET		3		
AS 218	Survey of Animal Nutrition	p. AS 101-101L or DS 130-130L	3		
ECON 201	Principles of Microeconomics (SGR #3)		3		
ENGL 201	Composition II (SGR #1)	p. ENGL 101	3		
PS 213-213L	Soils and Lab	p. CHEM 106-106L	3		
<b>Total Credit Hours</b>			15		

\*Electives: Elective credits can be used to pursue minors and/or double major



**Third Year**

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
ACCT 210 or STAT 281	Principles of Accounting I or Introduction to Statistics		3		
AGEC 354	Agricultural Marketing and Prices	p. ECON 201 or 202	3		
Ag Product Elective	Select from: AS 241-241L Intro to Meat Science, AS 285-285L Livestock Eval and Marketing, DS 231 Dairy Foods, FS 101 Intro to Food Science, PS 308-308L Grain Grading, PS 312 Grain and Seed Production and Processing, or PS 403-403L Seed Technology		3		
*Elective			3		
*Elective			3		
<b>Total Credit Hours</b>			15		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS 332, or PS 383-383L, or BIOL 371	Livestock Breeding and Genetics, or Principles of Crop Improvement and Lab, or Genetics	check prerequisites for selected course	4		
Business Elective	Select from: BADM 360 Organization and Mgmt, BLAW 350 Legal Environ of Bus, FIN 280 Personal Fin, MGMT 334 Small Business Mgmt, and MKTG 474 Personal Selling		3		
*Elective			3		
*Elective			3		
*Elective			2		
<b>Total Credit Hours</b>			15		

**Fourth Year**

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
Capstone Elective	Select from: ABS 475/L Integrated Natural Resource Mgmt, ABS 494 Internship, AGECE 471 Advanced Farm & Ranch Mgmt, AS 389 Current Issues in Animal Science, DS 480/L Dairy Farm Operations I, DS 481/L Dairy Farm Operations II, HO 434 Local Food Production, HO 435 Local Food Production: Harvest and Storage, PRAG 440/L Crop Mgmt with Precision Farming, or RANG 374/L Natural Resource Habitat Conserv, Mgmt, and Restoration	check prerequisites for selected course	3		
*Elective			3		
*Elective			3		
*Elective			3		
*Elective			3		
<b>Total Credit Hours</b>			15		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
*Elective			3		
*Elective			3		
*Elective			3		
*Elective			3		
*Elective			3		
<b>Total Credit Hours</b>			15		

**Comments/Notes**

\* Elective credits can be used to pursue minors and/or double major.

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

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

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