



Bachelor of Science in Agriculture, Food and Environmental Sciences

Major: Agricultural Science

2020-2021 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	F	
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		
Total Credit Hours			14		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS 101-101L or AS 102 or DS 130-130L	Introduction to Animal Science and Lab (4 cr) or Fundamentals of Animal Science (3cr) Introduction to Dairy Science and Lab (3 cr)		4		
BIOL 103-103L or BOT 201-201L or PRAG 203-203L or RANG 205	Biology Survey II and Lab or General Botany and Lab or Introduction to Precision Agriculture and Lab or Introduction to Range Management	p. BIOL 101 or BIOL 151	3		
ENGL 101	Composition I (SGR #1)	p. Placement	3		
SGR #5	Mathematics (SGR #5)	p. Placement	3		
SGR #4	Arts and Humanities/Diversity (SGR #4)		3		
Total Credit Hours			16		

Second Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AGEC 271	Farm and Ranch Management	p. MATH 103 or higher	3		
Agriculture Elective	Select credits with the prefix of: ABE, ABS, AST, DS, EES, FS, HO, NRM, PRAG, RANG, VET or WL		3		
CHEM 106-106L	Chemistry Survey and Lab (SGR #6)	p. MATH placement	4		
SGR #4	Arts and Humanities/Diversity (SGR #4)		3		
*Elective			2		
Total Credit Hours			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, VET or WL		3		
AS 218	Survey of Animal Nutrition	p. AS 101-101L or DS 130-130L AS 319/L also allowed p. AS 219	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		
Total Credit Hours			15		

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

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
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	check prerequisites for selected course	3		
*Electives			6		
Total Credit Hours			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: AGECE 274 Agribusiness Sales, AGECE 352 Agricultural Law, AGECE 362 Environmental Law, AGECE 364 Intro to Cooperatives, AGECE 366 Food Law, AGECE 371 Agricultural Business Mgmt, FIN 280 Personal Finance, MGMT 334 Small Business Mgmt, or MKTG 474 Personal Selling	p. MKTG 370 for MKTG 474	3		
*Electives			8		
Total Credit Hours			15		

Fourth Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
Capstone Elective	Select from: ABS 475/L Integrated Natural Resource Mgmt, AGECE 471 Adv 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 Habitat Conservation and Mgmt Lab	check prerequisites for selected course	3		
*Elective			3		
*Elective			3		
*Elective			3		
*Elective			3		
Total Credit Hours			15		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
*Elective			3		
*Elective			3		
*Elective			3		
*Elective			3		
*Elective	Select any discipline as needed to reach 120 total credits		3		
Total Credit Hours			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](#).

Students must have at least 25 credits of upper level (300/400).

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