



**Bachelor of Science
Major: Agricultural Science
2021-2022 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 | F/S | |
| PS 103-103L | Crop Production and Lab | | 3 | F/S/SU | |
| SGR #3 | Social Sciences/Diversity (SGR #3) | Not an Econ prefix | 3 | | |
| CMST 101 | Fundamentals of Speech (SGR #2) | | 3 | SU/F/S | |
| 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) or Introduction to Dairy Science and Lab (3 cr) | | 4 | SU F/S | |
| 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 | F/S S F/S S | |
| ENGL 101 | Composition I (SGR #1) | p. Placement | 3 | F/S/SU | |
| 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 | F/S/SU | |
| 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 | S | |
| 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 | F/S | |
| 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 | F/S/SU | |
| AGEC 354 | Agricultural Marketing and Prices | p. ECON 201 or 202 | 3 | F/S/SU | |
| 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 | F/S F/S F/S | |
| Business Elective | Select from: AGECE 274 Agribusiness Sales, AGECE 352 Agricultural Law, AGECE 462 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. ECON 201 for AGECE 274 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