Bachelor of Science in Agriculture, Food and Environmental Sciences  
Major: Agricultural Science  
2018-2019 Sample 4-Year Plan  
Total Degree Requirements: 120 credits

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<thead>
<tr>
<th>Student</th>
<th>Student ID#</th>
<th>Student Phone #</th>
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<tbody>
<tr>
<td>Advisor</td>
<td>Minimum GPA</td>
<td>Minor/Career Interest(s)</td>
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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**

<table>
<thead>
<tr>
<th>Fall</th>
<th>Prefix + Number</th>
<th>Course Title</th>
<th>Prerequisites/Comments</th>
<th>Credits</th>
<th>Semester</th>
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<tbody>
<tr>
<td>ABS 119</td>
<td>First Year Seminar</td>
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<tr>
<td>BIOL 101-101L</td>
<td>Biology Survey I and Lab (SGR #6)</td>
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<td>PS 103-103L</td>
<td>Crop Production and Lab</td>
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<td>SGR #3</td>
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<td>SPCM 101</td>
<td>Fundamentals of Speech (SGR #2)</td>
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**Spring**

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<tr>
<th>Prefix + Number</th>
<th>Course Title</th>
<th>Prerequisites/Comments</th>
<th>Credits</th>
<th>Semester</th>
<th>Grade</th>
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<tbody>
<tr>
<td>AS 101-101L or DS 130-130L</td>
<td>Intro to Animal Science and Lab or Intro to Dairy Science and Lab</td>
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<td>BIOL 103-103L or BOT 201-201L</td>
<td>Biology Survey II and Lab or General Botany and Lab</td>
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<td>ENGL 101</td>
<td>Composition I (SGR #1)</td>
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<td>MATH 102</td>
<td>College Algebra (SGR #5)</td>
<td>p. Placement, MATH 095 or MATH 101 (C or better)</td>
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<tr>
<td>SGR #4</td>
<td>Arts and Humanities/Diversity (SGR #4)</td>
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**Total Credit Hours**: 15

**Second Year**

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<th>Fall</th>
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<th>Course Title</th>
<th>Prerequisites/Comments</th>
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<tr>
<td>AGEC 271</td>
<td>Farm and Ranch Management</td>
<td>p. MATH 102</td>
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<tr>
<td>CHEM 106-106L</td>
<td>Chemistry Survey and Lab (SGR #6)</td>
<td>p. MATH 101 or higher</td>
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<td>Arts and Humanities/Diversity (SGR #4)</td>
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**Total Credit Hours**: 15

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<th>Prerequisites/Comments</th>
<th>Credits</th>
<th>Semester</th>
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<td>AS 218</td>
<td>Survey of Animal Nutrition</td>
<td>p. AS 101-101L or DS 130-130L</td>
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<td>ENGL 201</td>
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<td>PS 213-213L</td>
<td>Soils and Lab</td>
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**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.
### Third Year

#### Fall

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<th>Prefix + Number</th>
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<th>Prerequisites/Comments</th>
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<tr>
<td>ACCT 210 or STAT 281</td>
<td>Principles of Accounting I or Introduction to Statistics</td>
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<td>AGEC 354</td>
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<td>Ag Product Elective</td>
<td>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</td>
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#### Spring

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<th>Course Title</th>
<th>Prerequisites/Comments</th>
<th>Credits</th>
<th>Semester</th>
<th>Grade</th>
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<tbody>
<tr>
<td>AS 332, or PS 383-383L, or BIOL 371</td>
<td>Livestock Breeding and Genetics, or Principles of Crop Improvement and Lab, or Genetics</td>
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<td>Business Elective</td>
<td>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</td>
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### Fourth Year

#### Fall

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<th>Semester</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Capstone Elective</td>
<td>Select from: ABS 475/L Integrated Natural Resource Mgmt, ABS 494 Internship, AGEC 471 Advanced Farm &amp; 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</td>
<td>check prerequisites for selected course</td>
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#### Spring

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**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](#).

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