

DMACC/Iowa State University 2024-25

Total Credits = 129 - 130 (Only 65 credits transfer from a two year institution)

| Semester 1 | | | | Semester 2 | |
|---------------------|---|----------|---|---|----------|
| AGA 114 | Principles of Agronomy | 3 | AGA 284 | Pesticide Application Certification | 3 |
| AGA 154 | Fundamentals of Soil Science | 3 | AGB 235 | Intro to Agricultural Markets | 3 |
| <i>AGC 314</i> | <i>Leadership in Agriculture</i> | <i>2</i> | <i>AGB 802</i> | <i>Agribusiness Internship I</i> | <i>2</i> |
| <i>AGS 101</i> | <i>Working with Animals</i> | <i>2</i> | <i>AGS 319</i> | <i>Animal Nutrition</i> | <i>3</i> |
| <i>AGS 114</i> | <i>Survey of the Animal Industry</i> | <i>2</i> | SPC101 | Fundamentals of Oral Communication | 3 |
| ENG 105 | Composition I | 3 | | | |
| | | 15 | | | 14 |
| Semester 3 - Summer | | | | | |
| <i>AGA 381</i> | <i>Crop Scouting</i> | <i>3</i> | | <i>Option 3 course choice</i> | <i>6</i> |
| <i>AGP 333</i> | <i>Precision Agriculture Applications</i> | <i>3</i> | | | |
| | | | | | 12 |
| Semester 4 | | | | Semester 5 | |
| <i>AGA 222</i> | <i>Grain Management</i> | <i>2</i> | AGA 211 | Grain and Forage Crops | 3 |
| AGB 101 | Agricultural Economics | 3 | <i>AGB 812</i> | <i>Agribusiness Internship II</i> | <i>2</i> |
| <i>AGS 242</i> | <i>Animal Health</i> | <i>3</i> | BIO 104 | Introductory Biology w/ lab | 3 |
| <i>AGT 120</i> | <i>Agricultural App in Biotech</i> | <i>3</i> | CHM 122 | Introduction to General Chemistry | 4 |
| MAT 121 | College Algebra | 4 | SOC 115 | Social Problems (U.S. Cul & Com choice) | 3 |
| | | | | <i>Option 5 course choice</i> | <i>2</i> |
| | | 15 | | | 17 |
| Semester 6 | | | | Semester 7 | |
| AGRON 1100 | Orientation | 1 | Genetics choice (AGRON 3200 or BIOL 3130) | | 3 |
| AGRON 1800 | Global Agriculture in a Changing World | 3 | ENGL 2500 | Written, Oral Visual, & Electric Comm | 3 |
| AGRON 2060 | Introduction to Weather & Climate | 3 | | Humanities | 3 |
| AGRON 2820 | Soil Conservation & Land Use | 3 | | Supporting Sciences choice (3000+) | 3 |
| LIB 1600 | Introduction to College Level Research | 1 | | Elective | 6 |
| | AGRON 3420 or AGRON 4500 | 3 | | | |
| | | 14 | | | 18 |
| Semester 8 | | | | Semester 9 | |
| AGRON 3160 | Crop Structure-Function Relationships | 3 | AGRON 2590, BBMB 2210, or CHEM 2310 & L | | 3-4 |
| ENGL 3000 | 3020, 3090, 3120 or 3140 | 3 | AGRON 3540&L Soils & Plant Growth & Lab | | 4 |
| STAT 1040 | Introduction to Statistics | 3 | AGRON 4100 | Professional Dev in Agronomy | 1 |
| | Additional AGRON choice (3000+) | 3 | | AGRON 3600 or AGRON 3920 | 3 |
| | Supporting Sciences choice (3000+) | 3 | | Additional AGRON choice (3000+) | 3 |
| | | | | Supporting Sciences choice (3000+) | 3 |
| | | 15 | | | 17-18 |

Note: This schedule is one example of many different schedule options to receive a BS in Agronomy at Iowa State University. Classes in *red italics* will transfer to ISU as electives. Only 65 credits from a two year institution may apply toward degree program. AGRON 1050, AGRON 2100 and AGRON 3100 are requirements for a BS degree in Agronomy. Please discuss these requirements with your Iowa State Agronomy advisor. Requirements for Ethics (3 credits), Humanities (3 credits), Social Sciences (3 credits), International Perspectives (3 credits) and U.S. Cultures and Communities (3 credits) may be met by many classes. For a complete listing of classes available visit: <https://www.cals.iastate.edu/academic-advising>. If you are considering an emphasis in Plant Breeding at ISU, you may want to consider additional Chemistry, Biology and Math classes at DMACC. Consult your Iowa State degree audit for final degree requirements. For any questions or for assistance with your schedule please call the Agronomy Student Services office at (515)294-1360 or email szumbach@iastate.edu.