

DMACC/Iowa State University 2023-24
Total Credits = 128 - 129

| Semester 1 | | FRESHMAN YEAR | | Semester 2 | |
|----------------|--|---------------|---------|------------------------------|----|
| AGA 114 | Principles of Agronomy | 3 | AGA 154 | Fundamentals of Soil Science | 3 |
| CHM 122 | Introduction to General Chemistry & Lab | 4 | BIO 112 | General Biology I & Lab | 4 |
| ENG 105 | Composition I | 3 | ENG 106 | Composition II | 3 |
| PHI 105 | Introduction to Ethics (Ethics choice) | 3 | ECN 130 | Principles of Microeconomics | 3 |
| <i>SDV 108</i> | <i>The College Experience</i> | <i>1</i> | MAT 121 | College Algebra | 3 |
| | <i>Social & Behavioral Sciences choice</i> | <i>3</i> | SDV 171 | Library Instruction | 1 |
| | | 17 | | | 17 |

| Semester 3 | | SOPHOMORE YEAR | | Semester 4 | |
|--|-------------------------------|----------------|---------|---|----------|
| AGA 211 | Grain and Forage Crops | 3 | AGB 330 | Farm Business Management | 3 |
| AGB 235 | Intro to Agricultural Markets | 3 | PHS 166 | Meteorology, Weather & Climate | 4 |
| MAT 157 | Statistics | 4 | SOC 115 | Social Problems (U.S. Diversity choice) | 3 |
| HIS 112, HIS 113, MUS100 or REL 101 (Human & Intl P) | | 3 | SPC 101 | Fundamentals of Oral Communication | 3 |
| | <i>Humanities choice</i> | <i>3</i> | | <i>Distributed Requirement</i> | <i>3</i> |
| | | 16 | | | 16 |

| Semester 5 | | JUNIOR YEAR | | Semester 6 | |
|------------|--|-------------|---|----------------------------|----|
| AGRON 110 | Orientation | 1 | AGRON 354&L | Soils & Plant Growth & Lab | 3 |
| AGRON 180 | Global Agriculture in a Changing World | 3 | Genetics choice (AGRON 320 or BIOL 313) | | 3 |
| AGRON 282 | Soil Conservation & Land Use | 3 | Supporting Science choice (300+) | | 3 |
| ENGL 300 | 302, 309, or 314 | 3 | Elective | | 7 |
| | Supporting Science choice (300+) | 3 | | | |
| | Elective | 3 | | | |
| | | 16 | | | 16 |

| Semester 7 | | SENIOR YEAR | | Semester 8 | |
|--------------------------------------|---------------------------------------|-------------|---------------------------------|------------------------------|----|
| AGRON 316 | Crop Structure-Function Relationships | 3 | AGRON 410 | Professional Dev in Agronomy | 1 |
| AGRON 259, BBMB 221, or CHEM 231 & L | | 3-4 | AGRON 342 or AGRON 450 | | 3 |
| | Supporting Science choice (300+) | 3 | AGRON 360 or 392 | | 3 |
| | Elective | 6 | Additional AGRON credits (300+) | | 6 |
| | | | Elective | | 3 |
| | | 15-16 | | | 16 |

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 105, AGRON 210 and AGRON 310 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 US Diversity (3 credits) may be met by many classes. For a complete listing of classes available for each requirement, visit: <http://www.cals.iastate.edu/student-services/home>. 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.