

**Eight-Semester Degree Plan**

**Bachelor of Agriculture**

**Major in Plant and Soil Science**

**Emphasis in Agronomy**

**2020-2021**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Year 1** | | | | | | | | |
| **Fall Semester** | | | |  | **Spring Semester** | | | |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| ENG 1003 | Composition I | 3 | x |  | ENG 1013 | Composition II | 3 | x |
| MATH 1023 | College Algebra | 3 | x |  | COMS 1203 | Oral Communication | 3 | x |
| AGRI 1213 | Making Connections in Agriculture | 3 |  |  | ART/MUS/ THEA 2503 | Fine Arts: Visual/ Musical/ Theater  Choose 1 | 3 | x |
| PSSC 1303/1301 | Intro to Plant Science & lab | 4 |  |  | HIST 1013/1023;  SOC 2213; PSY 2013;  GEO 2613; CMAC 1003 | Choose 1: World Civilization to /since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication | 3 | x |
| HIST 2763/2773 or POSC 2103 | US History to/ since 1876 or Intro to US Government | 3 | x |  | AGEC 1003 | Intro to Agribusiness | 3 |  |
|  |  |  |  |  |  |  |  |  |
| **Total Hours:** | | 16 | |  | **Total Hours**: | | 15 | |
| **Year 2** | | | | | | | | |
| **Fall Semester** | | | |  | **Spring Semester** | | | |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| CHEM 1043/1041 | Fund. Concepts of Chemistry with lab | 4 | x |  | PSSC 2813/2811 | Soils and Soils Lab | 4 |  |
| AGST 2003 or ANSC 1613 | Intro to Ag Systems Technology or Intro to Animal Science | 3 | x |  | STAT 3233 | Applied Statistics | 3 |  |
| ENG 2003 or 2013 or PHIL 1103 | World Literature to/ since 1660 or Intro to Philosophy | 3 | x |  | AGST 3543 | Fund. GIS/GPS | 3 |  |
| AGRI 2213 | Genetic Improvement of Plants and Animals | 3 |  |  | AGEC 3013 or CIT 1503 | Decision Tools for Agribusiness or Microcomputer Applications | 3 |  |
| HIST 1013/1023; SOC 2213; PSY 2013; GEO 2613; CMAC 1003 | Choose 1: World Civilization to /since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication | 3 | x |  | CHEM 1052 | Fund. Concepts Organic and Biochemistry | 2 |  |
|  |  |  |  |  |  |  |  |  |
| **Total Hours:** | | 16 | |  | **Total Hours**: | | 15 | |
|  | |  | |  |  | |  | |
| **Year 3** | | | | | | | | |
| **Fall Semester** | | | |  | **Spring Semester** | | | |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| AGST 3503 | Geospatial Data Application | 3 |  |  | BIO 3303/3301 or BIO 3313/3311 | General Entomology with Lab or Economic Entomology with Lab | 4 |  |
| AGRI 3813 | Ag Biosystems I | 3 |  |  | PSSC 3323 | Weeds and Weed control | 3 |  |
| UL Agronomy Elective | AGRI, AGST, HORT, PSSC or BIO 1503 Biology of plant Plants | 3 |  |  | UL Agronomy Elective | AGRI, AGST, HORT, PSSC or BIO 1503 Biology of plant Plants | 3 |  |
| PSSC 4313 | Plant Growth and Development | 3 |  |  | PSSC 3313 | Plant Disease Management | 3 |  |
| BIOL 1003/1001 | Biological Science with lab | 4 | x |  | AGRI 3823 | AG Biosystems II | 3 |  |
|  |  |  |  |  |  |  |  |  |
| **Total Hours:** | | 16 | |  | **Total Hours**: | | 16 | |
| **Year 4** | | | | | | | | |
| **Fall Semester** | | | |  | **Spring Semester** | | | |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| PSSC 4804 | Principles of Crop Production | 4 |  |  | PSSC 4813 | Soil Fertility | 3 |  |
| UL Agronomy Elective | AGRI, AGST, HORT, PSSC or BIO 1503 Biology of plant Plants | 6 |  |  | AGRI 4223 | Ag and the Environment | 3 |  |
| Free Elective | Free elective, consult advisor | 3 |  |  | AGRI 4723 | Ag Connections | 3 |  |
|  |  |  |  |  | Free Elective | Free elective, consult advisor | 2 |  |
|  |  |  |  |  | UL Agronomy Elective | AGRI, AGST, HORT, PSSC or BIO 1503 Biology of plant Plants | 2 |  |
|  |  |  |  |  |  |  |  |  |
| **Total Hours:** | | 13 | |  | **Total Hours**: | | 13 | |
| **Total Upper-Level Hours:** | | 45 | |  | **Total Degree Hours**: | | 120 | |

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions.  In most cases, general education courses may be interchanged between semesters. A minimum of 45 hours of upper-level credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. Failure to participate in required assessments may delay graduation.

**Additional Graduation Requirements**:

**2020-2021 BACHELORS OF SCIENCE AGRICULTURE DEGREES**

*For a more detailed outline of all academic requirements and regulations for the Bachelors of Science in Agriculture degrees, please see the 2020-2021 Undergraduate Bulletin.*

1. At least 120 credit hours

2. 45 hours of upper level (JR/SR) credit

3. Completed all required and elective hours

4. Maintain a minimum 2.0 GPA in all sections of the degree course work

a. General Education

b. Ag Core

c. Major Requirements

d. Program Emphasis Requirements

e. Free Electives

5. Minimum overall 2.0 GPA (including A-State and Transfer hours)