# 8-Semester Plan

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| **Arkansas State University - Jonesboro**<br>**Degree: Bachelor of Agriculture Major:**<br>**Plant and Soil Science Year: 2025-2026** | |

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 division credit (3000-4000 level) is required for this degree.

| Year 1 | | | | 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 1023 | Oral Communication | 3 | x |
| AGRI 1221 | Intro. to Professions in Agriculture | 1 | | GIS 2003 | Intro to Ag Systems Technology | 3 | x |
| PSSC 1303 | Introduction to Plant Science | 3 | | Social Science | **Choose 1: ANTH 2233, MDIA 1003, ECON 2313, ECON 2323, ECON 2333, GEOG 2613, HIST 1013, HIST 2763, HIST 2773, POSC 1003, POSC 2103, PSY 2013, SOC 2213.** | 3 | x |
| Social Science | **Choose 1: ANTH 2233, MDIA 1003, ECON 2313, ECON 2323, ECON 2333, GEOG 2613, HIST 1013, HIST 2763, HIST 2773, POSC 1003, POSC 2103, PSY 2013, SOC 2213.** | 3 | x | AGEC 1003 or ANSC 1613 | Intro. to Agribusiness or Intro. Animal Science | 3 | |
| ART/MUSIC/ THEATER 2503 | Fine Arts: Visual/Musical/Theater Choose 1 | 3 | | AGRI 1231 | Professional Business Communications in Agriculture | 1 | |
| **Total Hours** | | 15 | | **Total Hours** | | 16 | |
| Year 2 | | | | Year 2 | | | |
| **Fall Semester** | | | | **Spring Semester** | | | |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| CHEM 1043/1041 | Fundamental Concepts of Chemistry with Lab. | 4 | x | PSSC 2813/2811 | Soils and Soils Lab | 4 | |
| PSSC 1301 | Intro to Plant Science Lab | 1 | | AGRI 3233 or STAT 3233 or TECH 3773 | Applied Ag Statistics or Applied Statistics or TECH 3773 | 3 | |
| AGEC 3013 or ISBA 1503 | Ag Decision Tools or Microcomputer Applications | 3 | x | ENG 2003 or 2013, PHIL 1103 | World Literature to/since 1660 or Intro to Philosophy | 3 | |
| AGRI 2213 | Genetic Improvement of Plants and Animals | 3 | | GIS 3543 | Fund GIS/GPS | 3 | |
| Social Science | **Choose 1: ANTH 2233, MDIA 1003, ECON 2313, ECON 2323, ECON 2333, GEOG 2613, HIST 1013, HIST 2763, HIST 2773, POSC 1003, POSC 2103, PSY 2013, SOC 2213.** | 3 | x | Emphasis area Electives | AGRI, GIS, HORT, PSSC, or BIOL 1503, or related area | 3 | |
| AGRI 1241 | Professional business Etiquette in Agriculture | 1 | | | | | |
| **Total Hours** | | 15 | | **Total Hours** | | 16 | |

| Year 3 Fall Semester | | | | Year 3 Spring Semester | | | |
|---|---|---|---|---|---|---|---|
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| GIS 3503 or GIS 4003 | Geospatial Data Applications or Modern Irrigation Systems (Spring only) | 3 | | BIO 3303/3301 or BIO 3313/3311 | General; Entomology with Lab. (Fall only) or Economic Entomology with Lab (Spring only). | 3 | |
| PSSC 4804 | Principles of Crop Production | 4 | | PSSC 3323 | Weeds and Weed Control | 3 | |
| AGRI 3103/AGRI 4203/AGRI 420V | Regenerative Ag Fundamentals/Guided Research Experience/Internships in Agriculture | 3 | | Emphasis Area Electives | AGRI, GIS, HORT, PSSC, or BIOL 1503, or related area | 3 | |
| Emphasis Area Electives | AGRI, GIS, HORT, PSSC, or BIOL 1503, or related area | 2 | | BIOL 1003/1001 | Biological Science with Lab. | 4 | x |
| CHEM 3003 | Survey of Organic Chemistry | 3 | | PSSC 3313 | Plant Disease Management | 3 | |
| Total Hours | | 15 | | Total Hours | | 16 | |

| Year 4 Fall Semester | | | | Year 4 Spring Semester | | | |
|---|---|---|---|---|---|---|---|
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| PSSC 4313 | Plant Growth and Development | 3 | | PSSC 4813 | Soil Fertility | 3 | |
| Emphasis Area Electives | AGRI, GIS, HORT, PSSC, or BIOL 1503, or related area | 9 | | Emphasis Area Electives | AGRI, GIS, HORT, PSSC, or BIOL 1503, or related area | 3 | |
| Electives | Consult advisor | 3 | | AGRI 4223 | Ag and the Environment | 3 | |
| | | | | Electives | Consult advisor | 2 | |
| | | | | | | | |
| Total Hours | | 15 | | Total Hours | | 11 | |

**Total Jr/Sr Hours  40**  ___    **Total Degree Hours**    120____

**Graduation Requirements:** <ins>University General Requirements for Baccalaureate degrees</ins>