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| **Arkansas State University - Jonesboro** | | | | | | | | |
| **Bachelor of Science Agriculture** | | | | | | | | |
| **Major:  Agricultural Studies Emphasis: Agricultural Technology** | | | | | | | | |
| **2013-14** | | | | | | | | |
| 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.  Mandatory state and institutional assessment exams will be required during your degree program.  ***Failure to participate in required assessments may delay graduation.*** | | | | | | | | |
| **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 |  | SCOM 1203 | Oral Communication | 3 | x |
| AGRI 1213 | Making Connections | 3 |  |  | AGEC 1003 | Intro Ag Business | 3 |  |
| HIST 1013/1023; SOC 2213; PSY 2013; POSC 1003; GEO 2613; JOUR 1003 | Choose one: World Civ. to or since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication | 3 | x |  | PSSC 1303 | Intro Plant Science | 3 |  |
| AGED 1403 | Basic Ag Mechanics | 3 |  |  | MUS/THEA/ART 2503 | Fine Arts – Musical/Theatre/ Art | 3 | x |
| **Total Hours** |  | 15 |  |  | **Total Hours** |  | 15 |  |
| **Fall Semester** | | | |  | **Spring Semester** | | | |
| **Course No** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| CHEM 1043/1041 | Fund. Chemistry/Lab | 4 | x |  | BIO 1003/1001 | Biological Science | 4 | x |
| ENG 2003 or 2013; PHIL 1103 | Intro to Lit I or II; Intro to Philosophy | 3 | x |  | PSSC 2813 | Soils | 3 |  |
| HIST 2763 or 2773 or POSC 2103 | US History to 1876 or since 1876 Intro to US Government | 3 | x |  | MET 2003 | Introduction to Metallurgy | 3 |  |
| HIST 1013/1023; SOC 2213; PSY 2013; POSC 1003; GEO 2613; JOUR 1003 | Choose one not previously taken: World Civ. to or since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication | 3 | x |  | Electives | Electives in AGRI, AGED, ANSC, PSSC, FDST, RET, TECH (Consult with your advisor) | 2 |  |
| ANSC 1613 and 1621 | Intro to Animal Science | 3 |  |  | AGRI 3233 or ECON 2113 or STAT 3233 | Applied Ag Stat or Bus Statistics or Statistics | 3 |  |
|  |  |  |  |  |  |  |  |  |
| **Total Hours** |  | 16 |  |  | **Total Hours** |  | 15 |  |

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| **Year 3** | | | |  | **Year 3** | | | |
| **Fall Semester** | | | |  | **Spring Semester** | | | |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| AGED 2453 | Applications of Welding Technology | 3 |  |  | PSSC 3513 or AGRI 4773 | Ag Spatial Technologies II or Remote Sensing | 3 |  |
| AGRI 3723 | Ag Connections | 3 |  |  | TECH 3813 | Programmable Logic Control | 3 |  |
| TECH 4813 | Operations Systems Research | 3 |  |  | Ag Core Electives | See List at End of Plan | 3 |  |
| TECH 2453 | SolidWorks I | 3 |  |  | AGED 3433 | AG Equipment and Hydraulic Systems | 3 |  |
| PSSC 3503 | Ag Spatial Technologies I | 3 |  |  | TECH 4823 or FDST 3203 | Quality Assurance or Food Quality Assurance | 3 |  |
| **Total Hours** |  | 15 |  |  | **Total Hours** |  | 15 |  |
|  |  |  |  |  |  |  |  |  |
| **Year 4** | | | |  | **Year 4** | | | |
| **Fall Semester** | | | |  | **Spring Semester** | | | |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| TECH 3883 or 3873 | Machine Design or Tool Design | 3 |  |  | AGED 2433 | Prin of Ag Power | 3 |  |
| AGEC 4073 | Ag Business Management | 3 |  |  | TECH 3843 | Manufacturing Materials & Processes | 3 |  |
| TECH 4003 | AutoCad 2-D | 3 |  |  | TECH 4873 | Motion and Time Study | 3 |  |
| TECH 3823 | Mechanics I | 3 |  |  | Electives | Electives in AGRI, AGED, ANSC, PSSC, FDST, RET, TECH (Consult with your advisor) | 5 |  |
| Electives | Electives in AGRI, AGED, ANSC, PSSC, FDST, RET, TECH (Consult with your advisor) | 3 |  |  |  |  |  |  |
| **Total Hours** |  | 15 |  |  | **Total Hours** |  | 14 |  |
|  |  |  |  |  |  |  |  |  |
| **Total Jr/Sr Hours** | | **45** |  |  | **Total Degree Hours** | | **120** |  |
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**Other Graduation Requirements for BSA**

1. 2.00 GPA in Major

2. 2.00 Cumulative GPA

3. 120 total credit hours required

4. Minimum of 45 JR/SR Hours ***after completing 30 hours***

5. 18 of last 24 hours must be from ASU-Jonesboro courses

6. Minimum of 57 hours from 4-year institutions

7. Minimum of 32 Resident Hours if completing second degree & first degree not from ASU-J

8. Maximum of 31 hours via correspondence, extension, examination, PLA, Military or similar means

9. 30 hours maximum CLEP

**Ag Core Electives**: AGED 3453 Ag Structural Systems, AGED 445V Practicum in Ag Communications, AGED 4473 International Ag Study Tour, AGRI 2213 Gen Imp of Plants and Animals, BIO 3013 Genetics, FDST 2203 Intro to Food Science, PSSC 3503 Ag Spatial Technologies, TECH 2453 Solid Works I, TECH 3863 Industrial Safety, TECH 4823 Quality Assurance  
**Ag Education List**: Select three of the following: AGED 2433, Principles of Ag Power, AGED 2453 Application of Welding Technologies to Agriculture, AGED 3433 Ag Equipment Hydraulic Systems, AGED 3453 Ag Structural Systems