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| **Arkansas State University - Jonesboro** | | | | | | | | | | | | | | | | |
| **Bachelor of Science Agriculture Agricultural Studies Agricultural Systems Technology 2014-15** | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
| 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 Communications | | 3 | | x |
| AGRI 1213 | Making Connections | | 3 | | |  | |  | | CHEM 1043 | | Fund. Chemistry | | 4 | | x |
| PSSC 1303 | Intro Plant Science | | 3 | | |  | |  | | MATH 1033 | | Plane Trigonometry | |  | |  |
| HIST 2763 or 2773 or POSC 2103 | US History to 1876 or since 1876 Intro to US Government | | 3 | | | x | |  | | Social Science Course | | See list below\* | | 3 | | x |
| **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** |
| ANSC 1613 | Intro to Animal Science | | 3 | | |  | |  | | MUS/THEA/ART 2503 | | Fine Arts – Musical/Theatre/ Art | | 3 | | x |
| AGEC 1003 | Intro to Ag Business | | 3 | | |  | |  | | TECH 4883 | | Work Center Mgmt. | | 3 | |  |
| Social Science Course | See list below\* | | 3 | | | x | |  | | ENG 2003 or 2013; PHIL 1103 | | Intro to Lit I or II; Intro to Philosophy | | 3 | |  |
| AGRI 3233 or TECH 3773 | Applied Ag Stat or Statistics | | 3 | | |  | |  | | AGEC 3003 or 3013 or 3063 | | Ag Mktg or Agri. Rcds, or Ag Sales & Service | | 3 | |  |
| PSSC 2813 | Soils | | 3 | | |  | |  | | BIOL 1003/1001 | | Biological Science | | 4 | | x |
| **Total Hours** |  | | 15 | | |  | |  | | **Total Hours** | |  | | 16 | |  |
| **Year 3** | | | | | | |  | | **Year 3** | | | | | | | |
| **Fall Semester** | | | | | | |  | | **Spring Semester** | | | | | | | |
| **Course No.** | | **Course Name** | | **Hrs** | **Gen Ed** | |  | | **Course No.** | | **Course Name** | | **Hrs** | | **Gen Ed** | |
|  | |  | |  |  | |  | |  | |  | |  | |  | |
| TECH 2863 | | Principles of Technology | | 3 | x | |  | | PSSC 3323 | | Weeds and Weed Control | | 3 | |  | |
| PHYS 2054 | | General Physics I | | 4 |  | |  | | PHYS 2064 | | General Physics II | | 4 | |  | |
| TECH 3803 | | Electrical System | | 3 |  | |  | | AGRI 3543 | | Fundamentals of GIS | | 3 | |  | |
| PSSC 3503 | | Ag Spat. Tech I | | 3 |  | |  | | PSSC 3513 | | Ag Spat. Tech. II | | 3 | |  | |
| TECH 2453 | | Solidworks I | | 3 |  | |  | | TECH Elective | | Upper Division TECH Elective | | 3 | |  | |
| **Total Hours** | |  | | 16 |  | |  | | **Total Hours** | |  | | 16 | |  | |
|  | |  | |  |  | |  | |  | |  | |  | |  | |
| **Year 4** | | | | | | |  | | **Year 4** | | | | | | | |
| **Fall Semester** | | | | | | |  | | **Spring Semester** | | | | | | | |
| **Course No.** | | **Course Name** | | **Hrs** | **Gen Ed** | |  | | **Course No.** | | **Course Name** | | **Hrs** | | **Gen Ed** | |
| AGRI 3723 | | Agricultural Connections: Tech Interp and Prof Apps | | 3 |  | |  | | PSSC 4713 or PSSC 4853 | | Soil Quality Assessment and Interpretation. or Soil and Water Conservation | | 3 | |  | |
| TECH 4813 | | Operations Systems Research | | 3 |  | |  | | PSSC 4543 | | Advanced GIS for Agriculture & Natural Resources | | 3 | |  | |
| TECH 3836 | | Industrial Sensing | | 3 |  | |  | | AGED 3433 | | Agricultural Equipment Hydraulic Systems | | 3 | |  | |
| AGRI 4773 | | Remote Sensing | | 3 |  | |  | | AGRI 4223 | | Ag and the Environment | | 3 | |  | |
| PSSC Elective | | Upper Division PSSC Elective | | 3 |  | |  | |  | |  | |  | |  | |
| **Total Hours** | |  | | 15 |  | |  | | **Total Hours** | |  | | 12 | |  | |

**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

\*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