

Cluster - Agriculture, Food and Natural Resources

Pathway - Agribusiness Systems

Program of Study - Agribusiness Systems

Sample Plan of Study

| | 9 th Grade | 10 th Grade | 11 th Grade | 12 th Grade |
|--|--|---|--|---|
| Smart Core | English I or Pre-AP | English II or Pre-AP | English III or AP | English IV or AP |
| | Algebra I or Geometry | Geometry or Algebra II | Algebra II or Trigonometry Pre- AP Calculus | AP Calculus College Algebra AP Statistics |
| | Physical Science | Biology Pre-AP Chemistry Applied Biology/Chemistry | Chemistry Physics Principles of Technology | AP Biology AP Chemistry AP Physics Earth & Space Science |
| | Civics | World History | US History | Economics |
| <p>Foundation Courses Career Orientation Computer Technology Keyboarding</p> <p>Graduation Requirements English 4 units Math 4 units Science 3 units Social Studies 3 units Fine Arts ½ unit Health and Safety ½ unit Oral Communication ½ unit Physical Education ½ unit Career Focus 6 units</p> <p>Arkansas Challenge Foreign Language 2 units</p> | <p>Program of Study Support Courses EAST/Workforce Technology Internship Workplace Readiness</p> <p>Support Courses Foreign Language Word Processing or Computer Business Applications (CBA)</p> <p>Extended Learning Opportunities Future Farmers of America Supervised Ag Experience Jobs for Ark Grads (JAG) Job Shadowing</p> | <p>Agribusiness Systems Core Courses Ag Science and Technology or Ag Science Agricultural Business Agricultural Marketing</p> <p>Agribusiness System Electives Suggested: Leadership and Communications Agricultural Apprenticeship/Work-Based Learning Agricultural Graphics Entrepreneurship *Any other Agriculture Course Offering</p> <p>Agribusiness Industry Certifications Arkansas Career Readiness Certificate (CRC)</p> <p>Related Programs of Study Animal Systems Plant Systems (Biological) Plant Systems (Horticulture) Power, Structural and Technical Systems Natural Resources Systems/Environmental Service Systems</p> | | |
| Postsecondary Opportunities | | | | |
| Major | Postsecondary School | | Certificate/Degree Program | |
| Agriculture | ANC Blytheville, CCCUA DeQueen, NAC Harrison | | Certificate | |
| Agriculture | NAC Harrison, SAU Magnolia | | Associate's | |
| Agriculture | UA Monticello, UA Pine Bluff SAU Magnolia, ASU Jonesboro | | Bachelor's Master's | |
| Agricultural Business | ANC Blytheville, NAC Harrison, PCCUA Helena SAU Magnolia ATU Russellville UA Fayetteville ASU Jonesboro | | Associate's Bachelor's | |
| Agricultural Economics | UA Fayetteville & UA Pine Bluff UA Fayetteville | | Bachelor's Master's | |
| Agricultural Engineering | ASU Jonesboro | | Bachelor's | |
| Agricultural Sciences | SAU Magnolia | | Bachelor's | |
| Agronomy | UA Pine Bluff | | Bachelor's | |
| Agricultural Sales & Service | EACC Forrest City | | Associate's | |

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| Crop Management | UA Fayetteville | Bachelor's |
| Pest Management | UA Fayetteville | Bachelor's |