# DEPARTMENT OF AGRICULTURE

**VICTOR NJITI, PH.D.**
**DEPARTMENT CHAIR**

**Morris-Boykin Agricultural Science Building.**
**Telephone: (601) 877-6572 | Fax: (601) 877-6523**

Agriculture is the leading industry in Mississippi, with major production in poultry, forestry, cereal crops, horticultural crops, vegetables, cattle, and hogs. In response to this demand, Alcorn State University's Department of Agriculture is committed to preparing students for successful careers in Agricultural Sciences. The department offers programs in eight specialized areas: Agribusiness Management, Agricultural Economics, Agricultural Biotechnology, Animal and Pre-Veterinary Science, General Agricultural Education, Natural Resources and Environmental Science, Plant, Soil, and Horticultural Sciences, and Poultry Science.

Each program is designed to provide a unique blend of coursework, including lectures, lab courses, seminars, and internships. The Alcorn Agricultural Experiment Station, which spans 1,456 acres, cultivates various food, feed, and fuel crops using different agronomic practices. It features modern facilities, greenhouses, and animal farms that enhance practical learning and complement classroom education.

The Morris Boykin Agricultural Building, Biotechnology Building, and Ecology Building house modern and spacious classrooms, as well as well-equipped teaching labs. The department currently has 25 full-time faculty members, covering a wide range of expertise. Among them, 10 faculty members have established research programs in their respective fields. The agriculture faculty consistently secures competitive funding and actively trains and mentors undergraduate student researchers, in addition to advising master's students.

Our programs are designed to offer the latest curriculum and best practices to meet the present and future needs of the agriculture industry.

**Department's objectives:**

1. To effectively prepare students for careers in agriculture, advanced education, and lifelong learning.
2. To provide opportunities for students to connect with the agricultural community through interaction with private industries, government agencies, and other industry professionals.
3. To prepare students for graduate and professional schools

**Bachelor of Science in Agricultural Sciences: General Agriculture Emphasis (120 Credit Hours)**

Program outcomes:

1. Students will develop proficient agricultural skills while adhering to ethical standards, demonstrating their commitment to advancing their respective agricultural sectors.
2. Students will showcase their ability to communicate effectively, both orally and in writing.
3. Students will cultivate an understanding and appreciation for the significance of globalization and diversity in modern agricultural organizations.

| **Freshman Year (34)** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **First Semester** | **Class** | | **Hrs.** | | **Second Semester** | **Class** | | **Hrs.** |
| AE 111 | Fund. & Concepts of Ag | | 3 | | BI 111 | Intro. to Biology I | | 3 |
| CH 121 | General Chemistry | | 3 | | BI 111L | Intro. To Biology I Lab | | 1 |
| CH 121L | General Chemistry Lab | | 1 | | PS 122 | Crop Production | | 3 |
| EN 111 | Composition I | | 3 | | PS 122L | Crop Production Lab | | 1 |
| HI 111 | World Civilization I | | 3 | | ED 200 | Social Studies/Multicultural | | 3 |
| MA 121 | College Algebra | | 3 | | EN 112 | Composition II | | 3 |
| UL 101 | University Life | | 1 | | ND 101 | Health and Wellness | | 1 |
| PE 101 or<br>MS 111 | Physical Education I or<br>Military Science | | 1 | | PE 201 or<br>MS 112 | Physical Education II or<br>Military Science | | 1 |
| | **TOTAL** | | **18** | | | **TOTAL** | | **16** |
| **Sophomore Year (28)** | | | | | | | | |
| AE 213 | Prin. of Ag. Economics | | 3 | | BA 233 | Bus. Comp. Applications | | 3 |
| AS 213 | Animal Production | | 3 | | PH 132 | General Psychology | | 3 |
| EN 213 | Studies in Literature | | 3 | | CH 122 | General Chemistry | | 3 |
| PS 205 | Principles of Genetics | | 3 | | CH 122L | General Chemistry Lab | | 1 |
| SA 223<br>AN 316 | Oral Communication<br>Special Methods | | 3<br>3 | | AR 214 or<br>MU 213 | Art Appreciation or<br>Music Appreciation | | 3 |
| | **TOTAL** | | **18** | | | **TOTAL** | | **13** |
| **Junior Year (30)** | | | | | | | | |
| AE 325 | Farm Rec and Acct | | 3 | | AG 315 | Farm Mechanics | | 3 |
| PS 315 | Soils | | 3 | | AN 318 | Career Education | | 3 |
| PS 326 | General Horticulture | | 3 | | AN 320 | Leadership | | 3 |
| PS 345 | Landscape Gardening | | 3 | | AS 363 | Animal Management | | 3 |
| PS 439 | Soil Microbiology | | 3 | | | | | |
| | | | | | | | | |
| | **TOTAL** | | **15** | | | **TOTAL** | | **12** |
| **Senior Year (28)** | | | | | | | | |
| AG 439 | Internship | | 3 | | AE 478 | Fm Org. & Management | | 3 |
| AG 486 | Agriculture Seminar | | 1 | | PS 449 | Vegetable Production | | 3 |
| AN 480 | Problems & Trends in Ag. Ed. | | 3 | | PS 497 | Ag. & Environ Law | | 3 |
| PS 437 | Soil Conservation & Land Use | | 3 | | PS 490 | Research Methods | | 3 |
| PS 390 | Biosafety Risk Mgmt. Agric | | 3 | | ZZ 405 | Free Elective | | 3 |
| | **TOTAL** | | **13** | | | **TOTAL** | | **15** |

*** A grade of C or higher is required to graduate in agriculture courses and in senior and junior-level non-agriculture courses.**