DEPARTMENT OF AGRICULTURE

VICTOR NJITI, PH.D.
DEPARTMENT CHAIR

Morris-Boykin Agricultural Science Building.
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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: Poultry Science Emphasis (126 Credit Hours). This is a negotiated program with Mississippi State University and is not subject to unilateral change.

Program outcomes:

1. Students will demonstrate an understanding of basic poultry management practices.
2. Students will apply their knowledge to address challenges associated with different poultry production systems effectively.
3. Students will communicate effectively through written reports, oral presentations, and discussions.

Freshman Year (30)								
First Semester	**Class**		**Hrs.**		**Second Semester**	**Class**		**Hrs.**
AE 111	Fund. & Concepts in Ag.		3		AS 111	Poultry Production		3
BI 125	General Biology 1		3		CH 122	General Chemistry		3
CH 121	General Chemistry		3		CH 122L	General Chemistry Lab		1
CH 121L	General Chemistry Lab		1		EN 112	Composition II		3
EN 111	Composition I		3		MA 121	College Algebra		3
HI 111	World Civilization I		3		UL 101	University Life		1
	TOTAL		**16**			**TOTAL**		**14**
Sophomore Year (33)								
AE 213	Prin. of Ag. Economics		3		AG 439	Internship		3
AS 213	Animal Production		3		AS 323	Livestock Dis. & Sanit. I		3
AS 233	Meat & Meat Products		3		EN 213	Introduction to Literature		3
SP 111	Spanish I		3		SA 223	Oral Communication		3
ZZ 204	Free Elective		3		ZZ 314	Free Elective		3
AR 214 or MU 213	Art Appreciation or Music Appreciation		3					
	TOTAL		**18**			**TOTAL**		**15**
Junior Year (32)								
AS 333	Poultry Management		3		AS 343	Physio & Anat of Farm Animals		3
AE 463	Agri Statistics		3		AS 363	Animal management		3
BI 325	General Microbiology		3		BI 445	Genetics		3
BI 325L	Gen Microbiology Lab		1		BI 445L	Genetics Lab		1
SS 307	Statistical Methods		3		SY 408	The Family		3
ZZ 307	Free junior elective VII - Fall		3		ZZ 315	Free Elective		3
	TOTAL		**16**			**TOTAL**		**16**
Senior Year (31)								
xMSU-PO-4313	Commercial Layers		3		xMSU-PO-3363	Poultry processing Intern		3
xMSU-PO-4334	Broiler Production		4		xMSU-PO-4033	Avian Disease		3
xMSU-PO-4413	Nutrition		3		xMSU-PO-4324	Avian Reproduction		4
xMSU-PO-4514	Processing		4		xMSU-PO-4423	Feed Manufacture		3
					xMSU-PO-4844	Avian Anatomy and Processing		4
	TOTAL		**14**			**TOTAL**		**17**

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