

2026-27 Ag Ed (B.S.) Curriculum – Departmental Lists

Agricultural Technical and Mechanical Systems (3 hours):

ATM 160 Engineering Systems and Technology in Agriculture

ASMS 213 Emerging Technologies in Power, Structural, and Technical Systems

ASMS 214 Agricultural Engine Systems

ASMS 215 Agricultural Electrical Systems

ASMS 216 Agricultural Structures Education

Food Products and Processing Course (3 hours):

ASI 350 Meat Science

ASI 405 Fundamentals of Milk Processing

ASI 640 Poultry Production Technology

FDSCI 202 Food Science

FDSCI 302 Fundamentals of Food Processing

GRSC 150 Principles of Milling with GRSC 151 Principles of Milling Lab

GRSC 301 Baking Fundamentals

Ag Production with Lab (3 hours):

****Any combination of three credit hours may meet this criterion.**

- AGRON 330 Weed Science

- AGRON 360 Crop Growth and Production

- AGRON 630 Crop Improvement and Biotech

- ENTOM 305 Animal Health Ento with ENTOM 306 Animal Health Ento Lab

- ASI 105, 106, 107, 108, & 109

- ASI 150 Anatomy and Physiology of Animals
- ASI 202 Domestic Animal Nutrition
- ASI 315 Livestock and Meat Evaluation
- ASI 400 Farm Animal Reproduction with ASI 401 Farm Animal Reproduction Lab
- ASI 402 Calving
- ASI 403 Foaling
- ASI 404 Lambing
- ASI 524 Sheep and Meat Goat Science
- ASI 535 Swine Science
- ASI 560 Course-based Undergraduate Research
- ASI 635 Gamebird Production and Management
- HORT 350 Plant Propagation
- HORT 520 Fruit Production
- HORT 560 Vegetable Crop Production
- HORT 570 Greenhouse Operations Management

Agricultural Science Electives

AGCOM, AGECE, AGRON, ASI, ASMS, ATM, ENTOM, FDSCI, GENAG, GRSC, HNR, HORT, PLPTH, PMC, WOEM, AGED 533, AGED 537, AGED 490, AGED 630