

DEPARTMENT OF AGRICULTURAL ECONOMICS  
Approved Ag and Food Technology Electives

|              |                                       |     |              |                                     |   |
|--------------|---------------------------------------|-----|--------------|-------------------------------------|---|
| <b>ATM</b>   |                                       |     | 515          | Beef Science                        | 3 |
| 160          | Engineered Systems & Tech in Ag       | 3   | 521          | Horse Science                       | 3 |
| 250          | Chemical Application Systems          | 2   | 524          | Sheep & Meat Goat Science           | 3 |
| 251          | Chemical Application Systems Lab      | 1   | 535          | Swine Science                       | 3 |
| 450          | Sensors & Controls for Ag & Bio Syst. | 3   | 678          | Equine Nutrition                    | 1 |
| 511          | Agricultural Building Systems         | 3   | <b>DMP</b>   |                                     |   |
| 545          | Processing & Storage of Grains        | 3   | 610          | Feedlot Health Systems              | 2 |
| 558          | Hydrology & Soil Erosion Mgmt         | 3   | 611          | Cow-Calf Health Systems             | 2 |
| 653          | Water Mgmt & Irrigation Syst.         | 2   | <b>ENTOM</b> |                                     |   |
| 654          | Water Mgmt & Irrigation Syst. Lab     | 1   | 250          | Economic Entomology                 | 3 |
| 661          | Watershed Assessment & Mgmt           | 3   | 305          | Animal Health Entomology            | 2 |
| <b>BAE</b>   |                                       |     | 306          | Animal Health Entomology Lab        | 1 |
| 350          | Off Road Machinery Systems            | 2   | 312          | General Entomology                  | 3 |
| 351          | Machinery Systems Lab                 | 1   | <b>FDSCI</b> |                                     |   |
| <b>AGRON</b> |                                       |     | 202          | Introduction to Food Science        | 3 |
| 120          | Crop Science                          | 3   | 305          | Fundamentals of Food Processing     | 3 |
| 121          | Crop Science Lab                      | 1   | <b>PMC</b>   |                                     |   |
| 205          | Soils                                 | 3   | 275          | Intro. to Natural Resource Mgmt     | 3 |
| 206          | Soils Laboratory                      | 1   | <b>GRSC</b>  |                                     |   |
| 251          | Range Management                      | 3   | 101          | Fundamentals of Grain Processing    | 3 |
| 330          | Weed Science                          | 3   | 150          | Principles of Milling               | 2 |
| 335          | Environmental Quality                 | 3   | 210          | CAD Flow Sheets for Grain Processes | 3 |
| 360          | Crop Growth & Development             | 3   | 500          | Milling Science                     | 2 |
| 375          | Soil Fertility                        | 3   | <b>HORT</b>  |                                     |   |
| 385          | Soil Fertility Lab                    | 2   | 201          | Principles of Horticultural Science | 4 |
| 550          | Forage Mgmt & Utilization             | 3   | 350          | Plant Propagation                   | 3 |
| <b>ASI</b>   |                                       |     | 374          | Landscape Plants I                  | 3 |
| 102          | Principles of Animal Science          | 3   | 375          | Landscape Plants II                 | 3 |
| 105          | Animal Sciences and Industry          | 1   | 377          | Interior Landscaping                | 3 |
| 106          | Dairy & Poultry Science               | 0.5 | 520          | Fruit Production                    | 3 |
| 107          | Companion Animal & Horse Lab          | 0.5 | 560          | Vegetable Crop Production           | 3 |
| 218          | Fundamentals of Nutrition             | 3   | <b>PLPTH</b> |                                     |   |
| 220          | Principles of Feeding                 | 3   | 500          | Principles of Plant Pathology       | 3 |
| 345          | Beginning Horse Training & Mgmt       | 2   | <b>FNDH</b>  |                                     |   |
| 350          | Meat Science                          | 3   | 132          | Basic Nutrition                     | 3 |
| 361          | Meat Animal Processing                | 2   | 301          | Food Trends, Legislation, & Reg.    | 3 |
| 400          | Farm Animal Reproduction              | 3   |              |                                     |   |
| 401          | Farm Animal Reproduction Lab          | 1   |              |                                     |   |
| 405          | Fundamentals of Milk Processing       | 3   |              |                                     |   |
| 444          | Equine Health                         | 3   |              |                                     |   |
| 445          | Advanced Horse Training & Mgmt        | 2   |              |                                     |   |
| 500          | Genetics                              | 3   |              |                                     |   |
| 504          | Equine Reproduction Mgmt              | 3   |              |                                     |   |

Updated 4/4/2024