

AGROECOLOGY

Biological Science Courses:

- Agron 217 – Weed Identification
- Agron 317 – Principles of Weed Science
- Agron 334 – Forage Crop Management
- Agron 485 – Soil and Environmental Microbiology
- Biol 312 – Ecology
- Ent 376 – Fundamentals of Entomology and Pest Management
- Ent 471 – Insect Ecology
- Hort 424 – Sustainable and Environmental Horticulture Systems
- Hort 484 – Organic Agricultural Theory and Practice
- PL P 408 – Principles of Plant Pathology

Interest Courses:

- Agron 497 – Agroecology Field Course
- Ensci 484 – Ecosystem Ecology
- Soc 325 – Transition in Agriculture

Physical Science Courses:

- Agron 404 – Global Change
- Agron 405 – Environmental Biophysics
- Agron 406 – World Climates
- Ensci 384 – Introduction to Ecosystems
- Geol 402 – Watershed Hydrology
- NREM 407 – Watershed Management
- NREM 452 – Ecosystem Management



PLANT BREEDING AND BIOTECHNOLOGY

- Agron 421 – Introduction to Plant Breeding
- Biol 314 – Principles of Molecular Cell Biology
- Chem 177 & 177L – General Chemistry I
- Chem 178 & 178L – General Chemistry II
- Com S 207 – Fundamentals of Computer Programming
- DS 201 – Introduction to Data Science
- DS 202 – Data Acquisition and Exploratory Data Analysis
- DS 301 – Applied Data Modeling and Predictive Analysis
- Gen 322 – Introduction to Bioinformatics & Computational Biology
- Math 160 – Survey of Calculus
- Math 165 – Calculus I
- Math 166 – Calculus II
- Stat 301 – Intermediate Statistical Concepts and Methods

Interest Courses:

- Agron 338 – Seed Science and Technology
- BBMB 404 – Biochemistry I
- Biol 315 – Biological Evolution
- Gen 410 – Analytical Genetics



CROP MANAGEMENT AND BUSINESS

Agronomic Courses:

- Agron 217 – Weed Identification
- Agron 270 – Geospatial Technology
- Agron 317 – Principles of Weed Science
- Agron 330 – Crop and Seed Identification Lab
- Agron 334 – Forage Crop Management
- Agron 338 – Seed Science and Technology
- Agron 351 – Turfgrass Establishment and Management
- Agron 421 – Introduction to Plant Breeding
- Agron 463 – Soil Formation and Landscape Relationships
- Ent 376 – Fundamentals of Entomology and Pest Management
- PL P 408 – Principles of Plant Pathology
- TSM 322 & L – Preservation of Grain Quality & Lab
- TSM 433 – Precision Agriculture

Business Courses:

- Acct 284 – Financial Accounting
- Econ 102 – Principles of Macroeconomics
- Econ 230 – Farm Business Management
- Econ 235 – Introduction to Agricultural Markets
- Econ 236 – Agricultural Selling
- Econ 334 – Entrepreneurship in Agriculture



SOIL SCIENCE AND ENVIRONMENTAL QUALITY

GIS Courses:

- Agron 452 – GIS for Geoscientists
- Agron 270 – Geospatial Technology
- CRP 451 – Introduction to Geographic Information Systems
- Ensci 345 – Natural Resource Photogrammetry and GIS

Interest Courses:

- Agron 459 – Environmental Soil and Water Chemistry
- Agron 463 – Soil Formation and Landscape Relationships
- Agron 477 – Soil Physics
- Agron 485 – Soil and Environmental Microbiology
- Agron 404 – Global Change
- Agron 405 – Environmental Biophysics
- Agron 406 – World Climates
- Agron 407 – Mesoscale Meteorology
- Ensci 301 – Natural Resources Ecology and Soils
- Ensci 384 – Introduction to Ecosystems
- Geol 402 – Watershed Hydrology
- NREM 407 – Watershed Management
- NREM 452 – Ecosystem Management
- TSM 324 – Soil and Water Conservation Management

