

## AREC Major Requirements

Common Foundational Courses: AREC240/AREC250/ECON200, ECON201, MATH120, STAT100, BMGT230/ECON230, AREC326

Major Specializations: **Agribusiness** or **Agricultural & Resource Economics** or **Environmental & Resource Economics**

**Requirements: 5 or more upper-level AREC courses within a specialization (see list below) + 3 courses from one field within a specialization**

### Agribusiness Major Requirements (choose 5)

### Agricultural & Res. Econ Requirements (choose 5)

### Environmental & Res. Econ Requirements (choose 5)

AREC306, AREC380, AREC405, AREC422, AREC426, AREC427, AREC430, AREC431, AREC433, AREC435, AREC447, AREC455, AREC489	AREC306, AREC380, AREC405, AREC422, AREC426, AREC427, AREC430, AREC431, AREC433, AREC435, AREC445, AREC446, AREC447, AREC453, AREC454, AREC455, AREC456, AREC466, AREC481, AREC489	AREC380, AREC405, AREC422, AREC431, AREC445, AREC446, AREC453, AREC454, AREC455, AREC456, AREC466, AREC481
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### Agribusiness fields

### Agricultural & Resource Economics fields

### Environmental & Resource Economics fields

Business Management	Agricultural Management and Entrepreneurship
BMGT340 Business Finance	ENES140 Discovering New Ventures
BMGT350 Marketing Principles and Organization	ENES461 Advanced Entrepreneurial Opportunity Analysis in Technology Ventures
BMGT364 Managing People and Organization	ENES471 Legal Aspects of Entrepreneurship
BMGT380 Business Law I	INAG103 Agricultural Marketing
	INAG201 Agricultural Human Resources Management
	INAG204 Agricultural Business Management
	INAG205 Analyzing Alternative Enterprises
	BMGT289E Entrepreneurial Thinking for Non-Business Majors: How Not to Miss Great Opportunities Your Life Throws at You or ENES210 Entrepreneurial Opportunity Analysis and Decision-Making in 21st Century Technology Ventures or INAG102 Agricultural Entrepreneurship

Agricultural, Food and Natural Resource Systems	Global Hunger, Poverty & Sustainable Development
AREC210 The Food Chain: What Happens As Your Food Goes From Farm to Table	AREC260 The Science of Gender in Economics and Development
ANSC101 Principles of Animal Science	AREC345 Global Poverty & Economic Development
ANSC227 Eating with Eyes Wide Open	AREC365 World Hunger
ANTH242 Fire, Farming and Climate Change: An Archaeology Take on the History of Human Impacts on our Planet	AREC445 Agricultural Development, Population Growth and the Environment*
ANTH421 Nutritional Anthropology	AASP320 Poverty and African American Children
ENST441 Sustainable Agriculture	AGNR301/PLCY301 Sustainability
GEOG431 Culture and Natural Resource Mgt	ANTH407 Anthropology and Development
GVPT206 Appetite for Change: Politics and the Globalization of Food	HLTH325 Poor in America: Health and Wellbeing
PLSC112 Introductory Crop Science	SOCY340 Globalization's Winners and Losers
PLSC125 Feeding Ten Billion by 2050: Food Security and Crop Protection	
NFSC100: Elements of Nutrition or NFSC112: Food: Science and Technology	

Environmental Data Science	Environmental & Resource Mgt & Policy
AREC280 Harvesting Big Data to Examine Agriculture and Climate Change	AREC200 The Chesapeake Bay Ecosystem: Intersection of Science, Economics, and Policy
AREC380 Data Science for Environmental and Resource Economics*	AGNR301/PLCY301 Sustainability
AREC422 Econometric Analysis in Agricultural and Environmental Economics*	ANTH242 Fire, Farming and Climate Change: An Archaeology Take on the History of Human Impacts on our Planet or ANTH266 Changing Climate, Changing Cultures
FIRE298 FIRE Sem. 3: Sustainability Analytics track only	AOSC375 Introduction to the Blue Ocean (MATH120)
AOSC247 Scientific Programming: Python or GEOG276 Principles of Python Programming and Geocomputing	ENST485 Water Management in Urban Environment (MATH120)
GEOG272 Introduction to Earth Observation Science	ENST403 Invasive Species Ecology
GEOG373 Geographic Information Systems	FGSM340 Energy and Environmental Policy (must apply & be accepted in the Federal Fellows Program)
AOSC447 Machine Learning in Earth Science (MATH140)	GEOG332 Economic Geography

**Student Designed Field** available under all specializations. **Advanced Degree Preparation** field available under Ag&ResEcon and Env&ResEcon specializations.

\*Course may not double count toward upper level specialization requirements.