



Environmental & Water Resource Economics

Minor Checklist

- 18 units of AREC coursework required
- Students must earn a 2.0 GPA in the minor to graduate
- Not all courses are offered each semester
- Junior class standing is recommended for upper division coursework
- Requirements current from Fall 2012 onwards

Required Courses:

(3 units each) Calculus is pre-req to all courses

<u>Course</u>	<u>Grade</u>	<u>Semester Enrolled</u>
AREC 304 (Fall)	_____	_____
AREC/ECON 339(Fall)	_____	_____

Choose four of the following courses:

AREC 360 (SP), AREC 373, AREC 464 (F), AREC 479 (SP), ECON 373, ENVS 479, GEOG 479, HWRS 479, RNR 476, RNR 479

<u>Course</u>	<u>Grade</u>	<u>Semester Enrolled</u>
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____

- ❖ See back for course descriptions and requirements.
- ❖ ECON200 and AREC major/minor are basic pre-requisites for all of our courses listed.

AREC 304 - INTERMEDIATE PRODUCTION & CONSUMPTION ANALYSIS (*Fall, pre-requisite: Calculus*)

Production and consumption theory and techniques for the analysis of agricultural and resource economics issues.

AREC 339-Economic Statistics - (*Fall, pre-requisite: Calculus*) Application and interpretation of statistical measures to problems in economics.

AREC 360 - THE POVERTY AND DEVELOPMENT OF NATIONS (*Spring*)

Exploration and analysis of the multi-dimensionality of hunger, poverty, and economic growth, with special emphasis on the cases of lower-income nations. Both microeconomic (e.g. technology, education) and macroeconomic (e.g. foreign aid, trade) factors are examined.

AREC 373 / ECON 373 –ENVIRONMENTAL ECONOMICS (*Summer, when offered*)

Analysis of current environmental problems and their potential solutions. (Eller controls enrollment in this course, please contact econreg@eller.arizona.edu when trying to enroll in this course).

AREC 464 - ECONOMICS OF POLICY ANALYSIS (*Fall, pre-requisite: Calculus, & AREC315, or AREC304 or ECON301*)

Applied economic theory and method of policy analysis and public choice. Emphasis is on policies impacting agriculture and rural America-especially historical and continuing government intervention in agricultural markets.

AREC 479 / ENVS 479 / GEOG 479 / HWRS 479 / RNR 479 - ECONOMIC ANALYSIS OF WATER, FOOD & ENVIRONMENTAL POLICIES (*Spring, Pre-requisite: Calculus*)

This course focuses on economic methods for designing and evaluating water, food and environmental policies. Topics include optimizing water as an input in producing food, energy, recreation, and other ecosystem services; water & environmental issues in food production; pricing and conservation incentives; managing shortage risks; and economic tools for addressing conflicts over water, food and the environment. Interactive seminar style course. Calculus proficiency is required.