

II. RES-ECON Departmental Requirements

NOTE: Many Resource Economics courses are taught either fall or spring AND all upper level Resource Economics courses carry prerequisites (sometimes several). See **Resource Economics Courses: Semesters Offered & Prerequisites** on page 9 for a summary. You must prepare a plan of study for all semesters through graduation to ensure that you can meet departmental requirements. A major requirements checksheet is provided on page 7 to assist with this planning.

The Resource Economics major consists of two main components as specified in Sections A and B. Section C provides suggested courses for students pursuing graduate school in Economics. Section D provides general information about the departmental requirements.

A. RES-ECON Departmental Core Requirements – required by all options (12 courses)

Fundamental Competencies

1. One Calculus course – either MATH 127 - Calculus for the Life and Social Sciences I or MATH 131 - Calculus I.
2. RES-ECON 112 - Computing: Foundations to Frontiers.
3. RES-ECON 303 - Writing in Resource Economics (General Education junior year writing course).

Microeconomics

4. RES-ECON 102 - Introduction to Resource Economics. ECON 103 may be substituted.
5. RES-ECON 202 - Price Theory (Intermediate Microeconomics). ECON 203 may be substituted.

Macroeconomics

6. ECON 104 - Introduction to Macroeconomics.
7. ECON 204 - Intermediate Macroeconomic Theory.

Quantitative Decision Making

8. RES-ECON 212 - Introductory Statistics for the Social Sciences. STATISTC 240 may be substituted.
9. RES-ECON 213 - Intermediate Statistics for Business and Economics.
10. RES-ECON 313 - Quantitative Methods in Applied Economics.

Resource Economics Breadth Requirement

11. An introductory course in the department other than the requirement of the student's option.¹ Introductory courses are: RES-ECON 121 - Hunger in a Global Economy; RES-ECON 162 - The Consumer in Our Society; RES-ECON 262 - Environmental Economics; and RES-ECON 263 - Natural Resource Economics.

Integrative Experience Seminar

12. RES-ECON 394LI - Life is Full of Choices (General Education Integrative Experience Seminar).

B. RES-ECON Departmental Option Requirements

There are two options within the Department of Resource Economics:

- Environmental and Natural Resource Economics
- Managerial Economics

Each option has its own set of specified courses in addition to the departmental core listed above (see pages 10-13). The departmental option requirements include:

- Option Required Courses (5-6 requirements depending on the option)
- Selected Courses (4-5 courses depending on the option)

Suggested Selected Courses for each option are listed in this handbook. Other courses may be used to satisfy the Selected Course requirements but must be approved by the Chief Undergraduate Advisor prior to enrollment in the course. A waiver form must be completed and filed in the student's academic file.

¹ RES-ECON 262 and 263 are required for the Environmental and Natural Resource Economics option. Therefore, students in this option cannot use either course as the breadth requirement.

C. Additional Recommended Courses (not requirements)

1. For students considering graduate study, the following courses are strongly recommended:
 - a. MATH 128 - Calculus for the Life and Social Sciences II or MATH 132 - Calculus II
 - b. MATH 233 - Multivariate Calculus
 - c. MATH 235 - Introduction to Linear Algebra
 - d. RES-ECON 312 - Introductory Econometrics

D. Other RES-ECON Departmental Requirements

1. Departmental requirements may not be taken pass/fail.
2. The cumulative grade point average of all courses taken to satisfy departmental requirements must be 2.0 or better.
3. The student is responsible for following and completing departmental requirements.
4. Any exception to departmental requirements must be approved by the Chief Undergraduate Advisor. A waiver form must be completed and filed in the student's academic folder.