

Requirements for the Double Major in Economics and ENSP



Sonoma State University
Department of Environmental Studies and Planning
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**ENSP Advisor: Refer to ENSP Tracks on
reverse side**

Department of Economics
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The Bachelor Arts degree with a double major in Economics and Environmental Studies and Planning is intended for those students whose particular academic and career interests lie in natural resources economics, economic planning, energy management and/or community development and redevelopment. The double major is designed especially for capable students who later intend to pursue graduate studies in natural resource management, environmental policy, urban planning, law, or related career fields. Students pursuing the double major must declare their majors in both departments. Academic advising takes place in both departments.

The major requirements in both Economics and ENSP shown below apply only to students pursuing the double major. Requirements for a major only in Economics or ENSP may differ considerably from these. Students should seek information and advising in the appropriate department. The Economics requirements are shown below, followed by the requirements in three distinct tracks in ENSP related to this double-major — Natural Resources, Urban Planning, and Energy Management and Design.

Economics Major Requirements (28 units)

A minimum of 28 units from the following, selected in consultation with the Economics advisor:

ECON 204	(4)	Introduction to Macroeconomics
ECON 205	(4)	Introduction to Microeconomics
ECON 304	(4)	Intermediate Macroeconomic Theory
ECON 305	(4)	Intermediate Microeconomic Theory
ECON 317	(4)	Introduction to Econometrics (note prerequisite of Math 165)

Students choose two additional economics electives in consultation with an Economics advisor.

Recommended classes:

ECON 322	(4)	Urban Economics
ECON 381	(4)	Natural Resources & Environmental Economics
ECON 388	(4)	Econ. of Law and Business Regulation
ECON 411	(4)	Seminar in Public Finance
ECON 426	(4)	Seminar in History of Economic Thought
ECON 481	(4)	Ecological Economics

Revised: 8/15/2011

ENSP Major Requirements (30-33 units)

1. Natural Resources Track (30 - 33 units) - Advisor: Prof. Laura Watt
RCH 24 – laura.watt@sonoma.edu

Required Courses:

ENSP 201	(1)	Environmental Forum
ENSP 302	(4)	Applied Ecology
ENSP 303	(4)	Applied Physical Science

Must take two of these three courses listed below:

ENSP 307	(4)	Environmental History OR
ENSP 401	(4)	Environmental Policy OR
ENSP 404	(3)	Environmental Law
ENSP 322	(4)	Conservation Biology
ENSP 490		Senior Project OR
ENSP 499	(4)	Internship
ENSP 497	(2)	Senior Seminar C&R

Required Electives:

Six units in ENSP selected in consultation with a C&R advisor according to the student's career goals.

2. Urban Planning Track (31-32 units) - Advisor: Prof. Steven C. Orlick
RCH 27 – steve.orlick@sonoma.edu

Required Courses: 22 units

ENSP 310	(3)	Introduction to Planning
ENSP 311	(4)	Planning Theory and Methodology
ENSP 315	(3)	Environmental Impact Reporting
ENSP 411A	(4)	Planning Workshop
ENSP 411B	(4)	Planning Workshop
ENSP 415	(3)	Land Use Law
ENSP 498	(1)	Senior Seminar

Required Electives: *Must take at least three courses listed below:*

ENSP 302	(4)	Applied Ecology
ENSP 303	(4)	Applied Physical Science
ENSP 314	(3)	The Urban Design I: The Form
ENSP 414	(3)	The Urban Design II: Placemaking
ENSP 416	(4)	Environmental Planning
ENSP 418	(3)	Planning for Sustainable Communities
ENSP 419	(3)	Transportation Planning
ENSP 499*	(3)	Internship

*with advance agreement with a Planning advisor, Senior Project (ENSP 490) may be substituted for Internship.

3. Energy Management and Design Track (32 - 33 units)
Advisor: Prof. Alexandra "Sascha" von Meier
RCH 12 - alexandra.vonmeier@sonoma.edu

Required Courses:

ENSP 201	(1)	Environmental Forum
ENSP 330	(4)	Energy, Technology and Society
ENSP 337	(4)	Thermal Energy Management
ENSP 338	(4)	Electrical Energy Management
ENSP 430	(2)	Energy Forum (can be taken twice)

Must take at least three of the four courses listed below:

ENSP 437	(4)	Passive Solar Design
ENSP 438	(4)	Small Scale Energy Sources
ENSP 439L	(3)	Computer Applications in Energy Management
ENSP 499	(4)	Internship

Required Electives:

A minimum of 6 units in ENSP selected in consultation with the EMD advisor.