

Detailed Plan of Study Form

MEEP-ENEP Plan of Study

Name (Last, First, M.I.)	Entry Term
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DEGREE REQUIREMENTS

1. Core Policy Courses

Two required 3 credit courses			
Course Number and Title	Credits	Semester/Year	Grade
ENEP 625 Energy Policy and Administration (Fall)	3		
ENEP 810 Political Economy of the Environment (Fall)	3		

2. Methods Requirements

Six credits of methodology course work are selected from the following list of three-credit courses.

List of methodology courses satisfying the Methodology Requirement:

- ENEP 660 Engineering Economic Analysis for Sustainable Energy (Fall)
- ECON 801 Microeconomics (Fall)
- ECON 802 Macroeconomics (Fall)
- ECON 803 Applied Econometrics I (Fall)
- ENWC 615 Wildlife Research Techniques (Spring)
- GEOG 604 GIS for Environmental Research (Spring)
- GEOG 670 Geographic Information Systems and Science (Fall)
- GEOG 671 Advanced Geographic Information Systems (Fall) – Not offered in 2015 Fall
- MAST 663 Decision Tools for Policy Analysis (Fall)
- MAST 672 Benefit-Cost Analysis (Fall)
- MAST 681 Remote Sensing of the Environment (Fall) - Not offered in 2015Fall
- POSC 815 Introduction to Statistical Analysis for Political Science (Fall)
- POSC 816 Philosophy of Science and Research Design (Fall)
- SOCI 605 Data Collection and Analysis (Fall)
- SOCI 606 Qualitative Methodology (Spring)
- STAT 608 Statistical Research Methods (Fall & Spring)
- UAPP 691 Quantitative Analysis in the Public and Non-profit Sectors (Fall)
- UAPP 808 Qualitative Research Methods for Program Evaluation (Spring)

Note: Not all courses on the above list are offered annually.

Course Number and Title	Credits	Semester/Year	Grade
	3		
	3		

3. Social Science Requirement

Six credits of social science course work are selected from the following list of 3 credit courses

List of social science courses satisfying the Social Science Requirement:

- ENEP 626 Climate Change: Science, Policy and Political Economy (Spring)
- ENEP 661 Sustainable Energy Finance (Spring)
- ENEP 802 Electricity Policy and Planning (Fall)
- ENEP 820* International Perspectives on Energy and Environmental Policy (Spring)
- ENEP 821* Technology, Environment, and Society (TES) (Fall)
- ENEP 824 Sustainable Energy Policy and Planning (Spring)
- ENEP 666 Special Problem: Topics in Energy Policy (Fall & Spring)
- ENEP 666 Special Problem: Topics in Political Economy of Energy & Environment (Fall & Spring)
- ENEP 666 Special Problem: Topics in Sustainable Development (Fall & Spring)
- ENEP 666 Special Problem: Comparative Environmental Politics (Fall & Spring)
- ENEP 868 Research: Environmental Justice Issues (Fall & Spring)
- ENEP 868 Research: Environmental Policy (Fall & Spring)
- ENEP 868 Research: Political Economy of Energy & Environment (Fall & Spring)
- ENEP 868 Research: Sustainable Development Issues (Fall & Spring)
- ENEP 868 Research: Sustainable Energy Policy (Fall & Spring)
- ENEP 868 Research: Sustainable Water Policy (Fall & Spring)
- ENEP 870 Readings: Climate Change Politics and Policy (Fall & Spring)
- ENEP 870 Readings: Energy Economics (Fall & Spring)
- ENEP 870 Readings: Energy Policy (Fall & Spring)
- ENEP 870 Readings: Environmental Ethics (Fall & Spring)
- ENEP 870 Readings: Environmental Justice (Fall & Spring)
- ENEP 870 Readings: Environmental Policy (Fall & Spring)
- ENEP 870 Readings: Political Economy of Energy & Environment (Fall & Spring)
- ENEP 870 Readings: Postmodernism and Environmentalism (Fall & Spring)
- ENEP 870 Readings: Sustainable Development (Fall & Spring)
- ENEP 870 Readings: Sustainable Energy Options (Fall & Spring)
- ENEP 870 Readings: Sustainable Water Options (Fall & Spring)
- DISA 866 Special Problem: Disaster Science and Management (Fall & Spring)
- DISA666 Special Problem: Disaster Science and Management (Fall & Spring)
- ECON 862 Topics in Industrial Organization and Regulation (Fall) Not offered in Fall 2015
- ENWC 613 Wildlife Policy and Administration (Fall)
- GEOG 622 Resources, Development and the Environment (Spring)
- MAST 660 International and National Ocean Policies (Fall)
- MAST 675 Economics of Natural Resources (Fall)
- MAST 676 Environmental Economics (Spring)
- SOCI 671 Disasters, Vulnerability and Development (Fall)
- UAPP 611 Regional Watershed Management (Spring)

Note: Not all courses on the above list are offered annually.

*MEEP Students considering application to the ENEP PhD should not enroll in these courses during their master's study at ENEP.

Course Number and Title	Credits	Semester/Year	Grade
	3		
	3		

4. Science, Engineering and Public Policy Requirement

Students complete the science, engineering and public policy requirement by choosing a three-credit graduate course (including a tutorial course with a number such as ENEP 666, ENEP 866, ENEP 868 or ENEP 870) in a natural science or engineering related topic to meet the science, engineering and public policy requirement. The course must be taken with a member of the University's science or engineering faculty and should be linked to the student's research interest.

Example courses satisfying the Science, Engineering and Public Policy Requirement include (but are not limited to):

- BISC 635 Population Ecology (Spring) Not offered in Spring 2016
- CIEG 632 Chemical Aspects: Environmental Engineering (Fall)
- CIEG 636 Biological Aspects: Environmental Engineering (Fall)
- CIEG 650 Urban Transportation Systems (Fall)
- CIEG 654 Urban Transportation Planning (Spring)
- CIEG 655 Civil Infrastructure Systems (Fall) Not offered in Fall 2015
- CIEG 666 Special Problem: Science & Engineering Aspects of Agricultural Systems (Fall & Spring)
- CIEG 666 Special Problem: Science & Engineering Aspects of Water Systems (Fall & Spring)
- ELEG 620 Photovoltaic Materials and Devices (Fall)
- ELEG 628 Solar Energy Technology and Applications (Spring)
- ELEG 637 Energy Systems (Fall)
- MAST 601 Introduction to Oceanography (Fall) Not offered in Fall 2015
- MAST 606 Ocean & Atmosphere Remote Sensing (Spring)
- MEEG 642 Introduction to Fuel Cells (Fall & Spring)

Note: Not all courses on the above list are offered annually. Also, please see your faculty advisor and ENEP director for more options.

Course Number and Title	Credits	Semester/Year	Grade
	3		
	3		

5. Specialization Requirements

Fifteen credit hours including Analytical Paper or Master's Thesis

Note: 1 Those selecting the Analytical Paper option must complete 12 credit hours in their area of specialization in addition to the 3 credit hours of Analytical Paper. Students selecting the Master's Thesis option must complete 9 credit hours in their area of specialization, in addition to the 6 credit hours of Master's Thesis.

Title of Specialization : _____

5. Specialization Requirements (Continued)

Course Number and Title	Credits	Semester/Year	Grade
	3		
	3		
	3		
Complete the 3 credit listing below only if you are selecting the Analytical Paper option			
	3		

6. Thesis or Analytical Paper Requirement

Each student must complete a 6-credit thesis or 3-credit analytical paper that demonstrates independent critical analysis. The analytical paper is prepared under the supervision of the student's faculty advisor, with the additional advice of one other faculty or professional reader (selected by agreement of the student and the advisor). The faculty advisor and reader conduct a defense of the analytical paper and decide the final grade. The analytical paper focuses on a specific policy issue and is based on independent research by the student.

For the Master's degree with thesis, the student prepares and defends a research thesis. In this case, the student registers for six credits of Master's Thesis. The thesis is supervised by a committee of three faculty chaired by the student's faculty advisor.

Check which applies:

_____ Thesis _____ Analytical Paper

Course Number and Title	Credits	Semester/Year	Grade
ENEP 869 Master's Thesis	6		
OR:			
ENEP 872 Analytical Paper	3		

7. MEEP Analytical Paper/Thesis Title and Committee

Title: _____

Thesis (3-member) or Analytical Paper (2-member) Committee:

Chair: _____

Member: _____

Member: _____

Approval of Advisor: _____ Date: _____