

Environmental Science and Public Policy

Secondary Field Requirements

Secondary Field In ESPP

The secondary field in ESPP is designed to offer students in other concentrations in the natural sciences, social sciences and the humanities an opportunity to complement their studies with courses that will provide an environmental science and policy perspective. The structure of the secondary field is intended to offer a range of options that best address student interests and at the same time provide some measure of breath across the perspectives of science and policy.

The tailoring of course selection will be done in consultation with the ESPP secondary field advisor. It is expected that most of the courses selected for a secondary concentration will be drawn from the list of options attached, substitutions may be made with the prior approval of the ESPP secondary field advisor/Head Tutor.

Course Requirements

Six half courses are required for a secondary field in ESPP. The specific course requirements are listed on the attached sheet.

Other Information

Substitutions with courses offered in Study Abroad programs, at the Harvard Summer School or any of Harvard's other schools may with prior permission count toward secondary field requirements. Freshmen seminars do not count toward secondary field requirements. All courses counting towards the ESPP secondary field must be taken for a letter grade. A grade of "C" or better is required for secondary field credit.

Please note that ESPP junior seminars have limited enrollment and ESPP concentrators will be given preference. We anticipate there will be room for some secondary field students in most junior seminars.

Advising Resources and Expectations

Students who wish to pursue a secondary field in ESPP are required to submit a registration form. This form must be submitted no later than the study card submittal date of the penultimate term. However, we strongly encourage students to submit this form as early as possible following the submittal of a concentration Plan of Study. Once the registration form is signed and approved, the student will be assigned a faculty advisor. Once the secondary field course requirements have been completed, students must complete and submit the Registrar's secondary field form to confirm that the secondary field requirements have been met.

ESPP AS A SECONDARY FIELD (6 half courses)

The secondary field in ESPP offers students in other concentrations an opportunity to complement their studies with courses that will provide an environmental science and policy perspective. ESPP offers pathways for **Natural Sciences** concentrators and **Social Sciences/Humanities** concentrators. The requirements are as follows:

One half-course chosen from the following:

ESPP 10: Environmental Policy

ESPP 78: Environmental Politics

Natural Science concentrators three half-courses chosen from the following and Social Sciences/Humanities concentrators two half-courses chosen from the following:

ECON 1010a: Microeconomic Theory (ECON 1011a may be substituted)

ECON 1661: Fundamentals of Environmental Economics and Policy

ECON 1687: Advanced Economics of the Environment, Natural Resources, & Climate Change

ESPP 78: Environmental Politics (if ESPP 10 were taken to satisfy requirement 1 listed above)

GOV 1100: Political Economy of Development

Natural Science concentrators two half-courses chosen from the following and Social Sciences/Humanities concentrators three half-courses chosen from the following:

EPS 21: The Dynamic Earth: Geology and Tectonics Through Time

EPS 22: The Fluid Earth: Oceans, Atmosphere, Climate, and Environment

EPS 109: Earth Resources and the Environment

EPS 135: Physics and Chemistry: In the Context of Energy & Climate

ES 6: Environmental Science & Technology

ES 164: Environmental Chemistry

OEB 55: Ecology: Populations, Communities, and Ecosystems

OEB 157: Global Change Biology

Optional additional elective: With the permission of the instructor, one of the ESPP 90 junior seminars may be substituted for a course in either Section II or III. Examples of current ESPP 90 topics include:

ESPP 90j. Environmental Crises, Climate Change, and Population Flight

ESPP 90n. China's Energy Economy: Perspectives from the Past: Challenges for the Future

ESPP 90p. Biotechnology, Sustainability, and Public Policy

ESPP 90s. The Technology, Economics, and Public Policy of Renewable Energy

Application for Secondary Field Environmental Science and Public Policy

Instructions:

- Complete Sections I and II to apply for a secondary field in ESPP.
- Arrange to meet with the ESPP head tutor or undergraduate coordinator to review secondary field plan of study and to secure ESPP approval.
- Plan to meet at least once each term with the faculty advisor assigned to you by ESPP.
- When all of the secondary field requirements have been met, complete the Registrar's "Secondary Field Form;" have your advisor sign it and then submit the form to the Registrar no later than the Seventh Monday of your final term at the College.

ESPP Contact Information:

Professor Paul Moorcroft, Head Tutor, paul_moorcroft@harvard.edu
Secondary Field Coordinators: Lorraine Maffeo, maffeo@fas.harvard.edu, 617-496-6695
and Eric Simms, esimms@fas.harvard.edu, 617-496-0746
Harvard University Center for the Environment, 24 Oxford Street, 3rd Floor

I. Student Information

Name:

ID:

Primary Concentration:

House:

Class:

Expected graduation date:

Email Address:

II. Secondary Field Course Information

Please list the courses you will take to meet the requirement of 6 half courses for the secondary field:

III. Approval/Signature

Head Tutor:

Date:

This form must be submitted no later than the study card submittal date of the penultimate term. However, we strongly encourage students to submit this form as early as possible following the submittal of a *Declaration of Concentration Form*. Please note students are required to also file a form with the FAS Registrar for a secondary field.