



# Environmental Science & Policy

0220 Symons Hall

(301) 405-8571

<http://www.ensp.umd.edu/about/one-major-three-colleges>

---

## Key Features of an Environmental Science and Policy Major

- Study in a multidisciplinary major that includes social and natural sciences.
- Gain experience and academic credit for internships in a wide variety of settings, including science labs, non-profit and/or government agencies, wildlife sanctuaries, and more.
- Choose from eleven different concentrations, allowing you to tailor your ENSP major to your interests. (Note that Biodiversity and Conservation Biology is the only Limited Enrollment Program within ENSP; all others are non-LEPs).
- Develop an understanding of environmental issues by studying the ways in which the natural and social sciences interact as systems.

## Career Options

### Entry-level positions in ENSP include:

- Research/technical assistant - federal agencies (science)
- Program analyst - federal agencies (policy)
- Policy analyst - non-profit organizations
- Environmental scientist - engineering and environmental services firms
- Field- and/or research assistant - wildlife ecology and other sciences
- Sustainability coordinator - in businesses and universities
- Environmental/outdoor educator
- Peace Corps, AmeriCorps, Chesapeake Conservation Corps and Teach for America volunteers
- [Go here for more details](#)

### After 5-10 years, many ENSP alumni continue on as:

- Mid-level employees and/or policy-makers in governmental, consulting, and/or non-profit agencies related to environmental science, policy, or advocacy.
- Regional/environmental planners
- Attorneys
- Scientific researchers
- Public school educators

Salary information is available here: <http://www.bls.gov/ooh/life-physical-and-social-science/home.htm>

## Advising

If you would like more information regarding the ENSP major, you can easily meet with an advisor:

- Ms. Angela Mazur-Gray
- Email: [abm13@umd.edu](mailto:abm13@umd.edu). Please send three different days/times that would be good for you to meet and she will e-mail back to confirm one of them. Please include your UID in your message.

## Declaring an Environmental Science and Policy Major

\*(Except Biodiversity & Conservation– see below)

**All incoming ENSP students begin as "Undeclared in ENSP" in the College of Agriculture and Natural Resources**, where you will explore concentrations and careers; internships, and campus activities. Your advisor will help you choose courses that help you explore your interests while keeping options open. Students must meet for advising at least once each semester, but may meet as often as they wish. To declare ENSP:

1. Please prepare a hand-written (draft) [graduation plan](#) to bring with you to advising. Prospective ENSP students with more than 40 credits completed will not be declared into ENSP without a draft [graduation plan](#) in hand at the time of your meeting.
2. E-mail: Angela Mazur-Gray at [abm13@umd.edu](mailto:abm13@umd.edu). Please send three different days/times that would be good for you to meet, and she will e-mail back to confirm one of them. Please include your UID in your message.
3. Once you have met with Ms. Mazur-Gray and she has reviewed your graduation plan, you will be able to change your major.

## \*Biodiversity and Conservation

The Biodiversity and Conservation specialization within the ENSP major is a [Limited Enrollment Program](#). Students beyond their first semester at the University of Maryland will now have to fulfill a series of Gateway requirements in order to declare a Biodiversity and Conservation ENSP major. The Gateways are as follows:

- 1) Completion of MATH 130, 140, 220 with a minimum grade of C-
- 2) Completion of BSCI 170/171 (formerly BSCI 105) OR BSCI 160/161 (formerly BSCI 106) with a minimum grade of C- 3)
- 3) Completion of CHEM 131/132 with a minimum grade of C-
- 4) Completion of ENSP 101 and 102 with a minimum grade of C-
- 5) A minimum grade point average of 2.7 in all courses taken at the University of Maryland and all other institutions is required for internal and external transfer students.

Please also note:

- Only one gateway or performance review course may be repeated to earn the required grade and that course may only be repeated once. When more than one course can satisfy a gateway requirement, taking a second course from the list will count as a repeat. This policy will be in effect for all students who first matriculated at the University of Maryland in Spring 2015 or later.
- Students may apply only once to an LEP. Students who are directly admitted and fail to meet the performance review criteria will be dismissed from the major and may not reapply.
- Students must maintain a minimum cumulative GPA of 2.0. Failure to do so will result in dismissal from the major.
- Any student denied admission or dismissed from the major may appeal in writing directly to the Assistant Dean for Student Services – 1300 Symons Hall.
- If you have any questions, please contact the LEP coordinator (Admissions) at [lep@umd.edu](mailto:lep@umd.edu).

## Four Year Plans (Sample) - General Education

For other ENSP specializations, see [www.4yearplans.umd.edu](http://www.4yearplans.umd.edu).

### Environmental Science and Policy: Environmental Politics and Policy (2299H) - Four Year Academic Plan

Year 1	Fall		Spring			
		Credit	Grade		Credit	Grade
Benchmark Requirements	MATH220 or 140 (AR)	3	_____	AREC240(HS)	4	_____
Completed by 2 semesters	ENSP101(NS)	3	_____	ENSP102(HS)	3	_____
ENSP101 or ENSP102	GEOG201/211(NL)	4	_____	Oral Comm (OC)	3	_____
MATH220 or 140	ENGL101(AW)	3	_____	Humanities (HU1)*	3	_____
Two of BSCI160/161, GEOG201/211; and AREC240 or ECON200	GVPT170	3	_____	Elective	3	_____
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>16</b>	
Year 2	Fall		Spring			
Benchmark 2 Requirements	Diversity (UP)	3	_____	ECON201	4	_____
Completed by 4 semesters	Elective	3	_____	PSYC200	3	_____
ENSP101 and ENSP102	GVPT200	3	_____	Humanities (HU2)*	3	_____
MATH220 or 140	BSCI160/161	4	_____	GVPT273 (SP1)	3	_____
Two of BSCI160/161; All of: AREC240, Statistics, declare concentration.	Elective	3	_____	Restricted Elec #1**	3	_____
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>16</b>	
Year 3	Fall		Spring			
	GVPT306	3	_____	Restricted Elec #2**	3	_____
	GVPT280	3	_____	Restricted Elec #3**	3	_____
	Diversity (UP/CC)	3	_____	Restricted Elec #4**	3	_____
	Elective	3	_____	ENSP330	3	_____
	Elective	3	_____	Elective	3	_____
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>	
Year 4	Fall		Spring			
	GVPT419B	3	_____	Prof Wrtg (PW)	3	_____
	ENSP400 (SP2)	3	_____	Restricted Elec #6**	3	_____
	Restricted Elec #5**	3	_____	Elective	3	_____
	Elective	3	_____	Elective	3	_____
	Elective	3	_____	Elective	3	_____
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>	

\*All students must complete two Distributive Studies courses that are approved for I-Series courses. Courses for Understanding Plural Societies and Cultural Competence may also fulfill a distributive studies requirement.

\*\* For the list of "automatic approvals" for Restricted Electives, go to: <http://www.ensp.umd.edu> Students may propose additional upper-level restricted electives if they are related to a well-defined area of interest,

## Four Year Plans (Sample) - CORE

For other ENSP specializations, see [www.4yearplans.umd.edu](http://www.4yearplans.umd.edu).

### Sample Graduation Plan

Reviewed 11/11/10 - WW

- NOTE:** This worksheet is for use as an advising tool to help you prepare your own graduation plan. It will necessarily be modified depending upon when you declare this concentration, and depending upon course scheduling/availability. You should discuss your plan regularly and modify it as appropriate in consultation with your advisor during pre-registration advising.

Fall 1	Cr	Spring 1	Cr	SS I	Fall 2	Cr	Spring 2	cr	SS I
MATH 113	3	MATH 220	3		PSYC 200	3	<b>Elective</b>	3	
GEOG 201/211	4	GEOG category	3		Core HA/HL/HO/SH	3	GVPT 200	3	
ENSP 101	3	ENSP 102	3		BSCI 106	4	GVPT273	3	
GVPT 170	3	ECON 200	4		ECON 201	3	AREC240	4	
ENGL 101	3	Core HA/HL/HO/SH	3	<b>SS II</b>	<b>Elective</b>	3	Core HA/HL/HO/SH	3	<b>SS II</b>
<b>Winter</b>					<b>Winter</b>				
Semester credits	16		16			16		15	

Fall 3	Cr	Spring 3 Study Abroad?	Cr	SS I	Fall 4	Cr	Spring 4	Cr	SS I
GVPT 280	3	Rest. Elec. **	3		<b>Elective</b>	3	<b>Elective</b>	3	
GVPT 306	3	Rest. Elec. **	3	Intern. Exp.	Rest. Elec. **	3	GVPT419B	3	
<b>Elective</b>	3	Rest. Elec. **	3		ENSP 330	3	ENSP 400	3	
Rest. Elec. **	3	<b>Elective</b>	3		CORE Adv Writing	3	<b>Elective</b>	3	
Core HA/HL/HO/SH	3			<b>SS II</b>	<b>ENSP 386</b> or other Rest. Elec. **	3	<b>Elective</b>	3	<b>SS II</b>
<b>Winter</b>					<b>Winter</b>				
Semester credits	15		12			15		15	

#### Advising considerations:

**\*\* Rest. Electives** should be selected with your long-term plans in mind, e.g., law school, international policy, etc. Consult with your Concentration advisor for course recommendations. Additionally, plan to study abroad, if possible. By consulting with your advisor, you can select 3-4 courses that will come back as Restricted Electives.

An **internship** is *strongly recommended* but not required in this Concentration.

## Q & A

### ***Do I have to know which concentration I want when I declare the ENSP major?***

If you have fewer than 40 credits, you may enter the major as “Undeclared in ENSP.” You will then explore the various concentrations through the required introductory classes, meetings with your advisor, and activities within the department. Upon reaching 40 credits, you will need to prepare a graduation plan for your intended concentration. You *must* be in your degree-granting concentration by 60 credits. If you have completed 40 or more credits, you must submit a draft graduation plan at your first advising meeting.

### ***Is there an ENSP minor available?***

At this time, there is no ENSP minor. However, you can still take courses within the discipline, using them as “supporting courses” towards your major (whatever it may be). You can list these courses on your resume, thus alerting potential employers of your particular interest in environmental issues and policy. You can also gain exposure to ENSP topics by completing an internship, doing research, joining environment-related clubs and activities, and/or writing academic research papers about environment-related topics.

**Explore the ENSP webpages for more information and sample graduation plans: [www.ensp.umd.edu](http://www.ensp.umd.edu)**

**You are also welcome to explore our Blog: <http://enspadvisingnews.blogspot.com/>**