

# ENVIRONMENTAL POLICY AND PLANNING MAJOR

## Program Curriculum

Code	Title	Credits
<b>Degree Core Requirements</b>		
UAP 1004	Introduction to Career & Professional Development in Public Service	1
UAP 1024	Leadership, Service, and Public Problem Solving	3
PSCI 1014	Introduction to United States Government and Politics	3
STAT 3604	Statistics for Social Science	3
SPIA 3554	Transdisciplinary Problem Solving for Social Issues	3
UAP/PSCI 3744	Public Policy Analysis	3
UAP 3024	Urban and Regional Analysis	3
UAP 3224	Policy Implementation	3
UAP 4754	Legal Foundations of Planning	3
UAP 4914	Seminar in Public and Urban Affairs	3
UH 4514	Honors SuperStudio	1
Subtotal		29
<b>Major Requirements</b>		
UAP 3354	Introduction to Environmental Policy and Planning	3
UAP 3014	Urban Policy and Planning	3
UAP 4344	Law of Critical Environmental Areas	3
UAP 4374	Land Use and Environment: Planning and Policy	3
UAP 4354	Interdisciplinary Environmental Problem Solving Studio	3
Subtotal		15
<b>Elective Courses</b>		
Select nine hours (at least one from each of the Competency areas):		9
<i>Policy</i>		
UAP/PSCI 3714	The U. S. Policy Process	
UAP 3954	Study Abroad	
UAP/PSCI 4624	The Washington Semester: Seminar in American Politics and Public Policy	
UAP/PSCI 4644	Washington Semester: Politics, Policy and Administration in A Democracy	
SPIA 4954	Study Abroad	
SPIA 4964	Field Work/Practicum	
SPIA 3704	Urban Contention and Mobilization	
HD 3024	Community Analytics	
AAEC 3314	Environmental Law	
LAR 4034	Evolution of the American Landscape	
PSCI/UAP 3344	Global Environmental Issues: Interdisciplinary Perspectives	
PSCI 3424	State and Local Government	
PSCI 3434	Urban Politics	
AAEC 3324	Environment and Sustainable Development Economics	
ECON 4014	Environmental Economics	

LAR 2254	Social and Cultural Landscapes	
<i>Planning</i>		
GEOG 2084	Principles of Geographic Information Systems	
GEOG/GEOS 4084	Modeling with Geographic Information Systems	
UAP 3024	Urban and Regional Analysis	
UAP/GEOG/SOC 4764	International Development Policy and Planning	
UAP 4854	Planning of the Urban Infrastructure	
UAP 4394	Community Renewable Energy Systems	
SPIA/GEOG 2244	Sustainable Urbanization	
SPIA/HNFE 2314	Active Transportation for a Healthy, Sustainable Planet	
UAP 4964	Field Study	
LAR 3044	Land Analysis and Site Planning	
SBIO 3324	Green Building Systems	
<i>Environment &amp; Conservation</i>		
LAR 1254	Environment and Natural Systems	
FREC 1044	Introduction to Environmental Data Science	
FREC 2004	Forest Ecosystems	
FREC 2124	Forests, Society & Climate	
FREC/HORT 2134	Plants and Greenspaces in Urban Communities	
FREC 4454	Urban and Community Forestry	
STS 3334	Energy and Society	
GEOG/WATR 2004	Water, Environment, and Society	
GEOG 3104	Environmental Justice, Resources and Development	
SPIA 4454	Future of Cities	
Subtotal		9
<b>Bridge Experience</b>		
SPIA 3900	Bridge Experience (with one of the following)	0
CEP 3084	University Internship	0
or CEP 4084	Cooperative Education Program	
or SPIA 4954	Study Abroad	
or SPIA 4964	Field Work/Practicum	
or UAP 3954	Study Abroad	
or UAP 4624	The Washington Semester: Seminar in American Politics and Public Policy	
or UAP 4964	Field Study	
or UAP 4994	Undergraduate Research	
<b>Free Electives</b>		
Select as many credits needed to reach 120 credits		21
Subtotal		21
<b>Pathways to General Education</b>		
<i>Pathways Concept 1 - Discourse</i>		
ENGL 1105	First-Year Writing (Pathway 1f ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G01F">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G01F</a> ))	3
ENGL 1106	First-Year Writing (Pathway 1f ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G01F">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G01F</a> ))	3

Select three credits in Pathway 1a ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G01A">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G01A</a> )	3
<i>Pathways Concept 2 - Critical Thinking in the Humanities</i>	
PHIL 1304      Morality and Justice	3
or PHIL 2304    Global Ethics	
Select three additional credits in Pathway 2 ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G02">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G02</a> )	3
<i>Pathways Concept 3 - Reasoning in the Social Sciences</i>	
Select one of the following:	6
ECON 2005      Principles of Economics	
& ECON 2006    and Principles of Economics	
AAEC 1005      Economics of the Food and Fiber System	
& AAEC 1006    and Economics of the Food and Fiber System	
<i>Pathways Concept 4 - Reasoning in the Natural Sciences</i>	
ENSC 1015      Foundations of Environmental Science	6
& ENSC 1016    and Foundations of Environmental Science	
<i>Pathways Concept 5 - Quantitative and Computational Thinking</i>	
MATH 1014      Precalculus with Transcendental Functions	3
(Pathway 5f ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05F">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05F</a> ))	
Select three additional credits in Pathway 5f ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05F">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05F</a> )	3
Select three credits in Pathway 5a ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05A">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05A</a> )	3
<i>Pathways Concept 6 - Critique and Practice in Design and the Arts</i>	
Select three credits in Pathway 6a ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06A">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06A</a> )	3
Select three credits in Pathway 6d ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06D">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06D</a> )	3
<i>Pathways Concept 7 - Critical Analysis of Identity and Equity in the United States</i>	
SPIA 2554      Collaborative Policy-Making and Planning	3
Subtotal	45
<b>Total Credits</b>	<b>119</b>

## Satisfactory Progress

To make satisfactory progress within the EPP major, students must complete UAP 1024 Leadership, Service, and Public Problem Solving, PSCI 1014 Introduction to United States Government and Politics, STAT 3604 Statistics for Social Science, and UAP 3354 Introduction to Environmental Policy and Planning by the end of the semester in which 60 hours have been attempted; and maintain an in-major GPA of 2.0.

## Graduation Requirements

### Hours Requirement

Students must earn at least 120 credit hours to graduate with a PUA degree.

### In-major GPA

All courses in the Degree Core and Major Requirements are included in the in-major GPA calculation. A GPA of 2.0 or above (overall and in-major) is required for graduation.

## Dual Use of Courses

No course can double count within or between SPIA-related majors or minors with the exception of the Core Degree Requirements. In accordance with university guidelines, courses satisfying degree core requirements may not be used to satisfy other areas of a degree (e.g. Pathways).

## Intra-SPIA Program Majoring and Minorng

Students may pursue more than one major or minor associated with the School of Public and International Affairs Program. In this case, the policy pertaining to the "Dual Use of Courses" will apply.

## Prerequisites

Some courses listed on this checklist have prerequisites. Be sure to consult the University Catalog and/or check with your advisor regarding course planning.

## Foreign Language Requirement

### University and Admissions Foreign Language Requirement

2 years of a single foreign, classical, or sign language in high school **or complete an 1105-1106 series of foreign language - (these credits will not count toward the 120 required for graduation).**