

## CURRICULUM MAP: Academic Year 2019- 2020

### Urban Planning and Sustainable Development Major: Minimum 102 credits

#### UPSD FOUNDATION COURSES (30 credits)

- Math 112 or placement score
- ENVS 201 – Understanding Environmental Data and Information
- ENVS 203 – Physical Geography
- ENVS 303 – Human Ecology and Ethics
- ENVS 305 – History and Policy
- ECON 206 – Intro to Microeconomics
- One course from: ENVS 450 – Science in the Policy Process or ENVS 456 – Env. Governance
- One ESCI 200-300 level course (4 credits minimum)
- One upper-division natural science course at the 300-400 level (3 credits minimum)

#### The URBAN PLANNING CORE (minimum 63 credits)

##### Planning History, Theory, and Knowledge

- ENVS 343 - Urbanization: Processes and Patterns
- ENVS 361 - Introduction to Planning
- ENVS 370 - History of Planning
- ENVS 373 - Transportation Systems and Planning
- ENVS 461 - Land Use Law
- ENVS 462 - Planning Theory

##### Planning Methods

- ENVS 360 - Plan Graphics and Site Design: Methods in Urban Planning Design Graphics
- ENVS 374 - Land Use Regulations and Technical Writing
- ENVS 457 - Environmental Dispute Resolution
- ENVS 475 - Community Development and Participatory Methods

##### Quantitative Analysis - One Course from:

- ENVS 320 GIS I: Introduction to GIS
- ENVS 322 Analysis of Spatial Data
- ENVS 372 Natural Hazards Planning
- ENVS 442 Regional Envir. and Economic Modeling

##### Planning Skills

- ENVS 470 - Planning Methods Planning Studio I: Urban Design Methods
- ENVS 472 - Planning Studio II: Plan Development
- ENVS 473 - Planning Studio III: Implementation

##### Planning and Diversity - One course from:

- ENVS 443 – Urban Environment and the Just City
- ENVS 463 – Native American Planning and Natural Resources Management
- ENVS 362 - US Disaster Policy OR ENVS 465 - Disaster Risk Reduction

#### Specialization Electives (minimum 10 credits) Select 1 of the following:

##### Geospatial Analysis Specialization:

- ENVS 320 - GIS I; ENVS 419 Applications in GIS Or 420-GIS III Analysis and Modeling, and
- ENVS 321 – Cartography Or 422 – Advanced Spatial Analysis.

##### Hazards Planning Specialization:

- ENVS 362 - U.S. Disaster Policy Or ENVS 465 Disaster Risk Reduction; ENVS 372 - Natural Hazards Planning; and ENVS 476 - Disaster Reduction Studio.

##### Student / Faculty Designed Specialization. Three courses, Faculty Advisory approval.

##### Completion of a Minor. Requires Faculty Advisor and UPSD Program Director approval.

#### Culminating Capstone and Experiential (minimum 8 credits)

- CAPSTONE COURSE.** UPSD majors are encouraged to take ENVS 410, 474, or ENVS/ESCI 493 as their capstone, or other approved capstone courses with faculty advisor approval
- EXPERIENTIAL** (minimum 5 credits) ENVS 498 – Internship, International Study, Thesis, Project

## HOW TO APPLY to the UPSD MAJOR

(Application deadline is April 18 each spring quarter)

As a nationally accredited professional planning program, admission to the urban planning and sustainable development major at Huxley College is a competitive process. The program typically accepts a junior cohort class of 25 students annually during spring quarter. Before applying, students should complete urban planning and sustainable development foundation courses.

**Application Content** - submit an application (and a PDF copy) that includes the following:

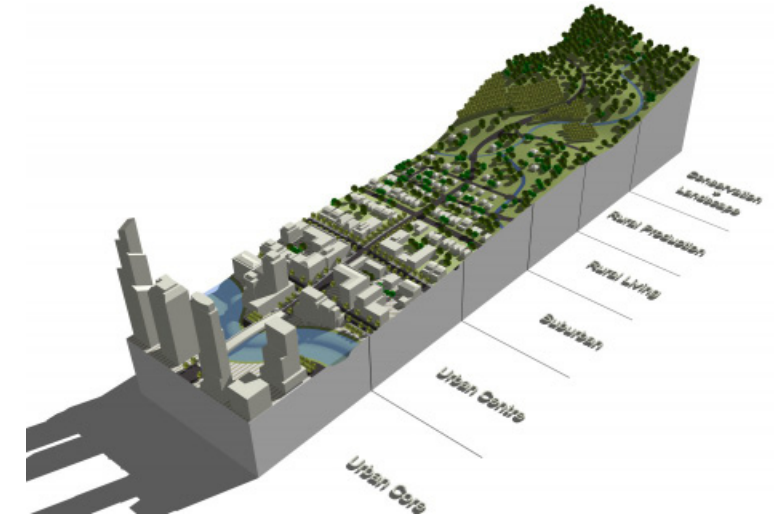
- A statement of interest (700-1,000 words) that describes your interest in the urban planning major; your familiarity with urban planning and sustainable development problems; and your vision and affinity to work in the planning field.
- A plan of study created with and approved by the Huxley professional advisor.
- A resume summarizing academic, curricular, extra-curricular, and volunteer activities.
- A portfolio of work that demonstrates your skills and affinity with the major. Suggested portfolio materials include any or all of the following, or other materials that represent your vision, skills, and experience: a) examples of your best academic writing; b) an annotated list of no more than three inspirational readings; c) examples of creative expression, drawings, or other illustrative skills; and d) description of volunteer or work activities.

Applications are ranked based on the applicants' demonstrated interests in solving urban planning problems; commitment to planning's social and environmental justice goals; aspirations for working in the public interest; relevant skills and experiences; and academic performance. Applicant selection is also based on creating a cohort representing diverse perspectives and lived experiences. To become familiar with the work of urban planning and our program's curriculum, applicants should review the American Planning Association website (<https://planning.org>) as well as the program's brochure (<https://huxley.wvu.edu/urban-planning-and-sustainable-development-program>).

Applications are accepted at the Huxley College office, ES 539, in the spring quarter only for admission to the program in fall quarter. If you have any questions, please contact a professional advisor at the Huxley College Student Support office in ES 539, or by phone 360-650-2817, or 360-650-3748. For further information, questions, or application forms, please visit the Huxley website at <http://www.wvu.edu/huxley>.



## Looking For a Career to Help Change The World?



PLANNING TOMORROW'S SUSTAINABLE and JUST COMMUNITY

# URBAN PLANNING and SUSTAINABLE DEVELOPMENT

A PAB nationally accredited professional BA degree program



AY 2019-2020



WESTERN WASHINGTON UNIVERSITY



## Consider a major in Urban Planning and Sustainable Development

Huxley's Urban Planning and Sustainable Development (UPSD) major emphasizes an interdisciplinary approach to solving complex problems that face communities. The program emphasizes a concern for progressive change that is needed in the design of equitable, healthful, livable, diverse and sustainable communities for present and future generations. The curriculum combines urban planning, sustainable design, policy and environmental science to provide students with an understanding of the multidimensional issues in urban development. Our program aspires to serve diverse communities and we encourage students with a breadth of backgrounds and life experiences to apply.

The program prepares students with the knowledge and skills that are necessary to make positive changes towards sustainability in an increasingly complex world. Graduates are prepared for professional careers in planning agencies, consulting firms, and non profit organizations at the local, state, and federal levels of government, as well as advanced graduate study.

**For more information** on the program and next steps to preparing your application, please visit our program website at: <https://huxley.wvu.edu/urban-planning-and-sustainable-development-program>



## Urban Planning and Sustainable Development Major (UPSD)

Huxley College of the Environment | Western Washington University

### Vision

The program envisions a society where individuals and groups can fully participate in the planning and development of their communities such that basic needs of safety, shelter, livelihoods and opportunity for self-realization and participation are met for all. Community aspirations are discussed freely and form the foundation of planning for a more sustainable future, with special consideration for those who are most marginalized and for the ecological systems that sustain and inspire us.

### Mission

The mission of the Urban Planning and Sustainable Development Program is to cultivate students to become future planning leaders who are ethical, knowledgeable, and technically capable to assist communities as they plan more sustainable futures. The Urban Planning program's mission affirms and works within the broader mission of Huxley College to integrate an outstanding urban planning educational program through faculty-student collaboration, applied research, and professional and community service.

Many of our graduates go on to professional careers in urban planning, while others continue their graduate studies in urban planning, law, natural resource management, architecture, and public policy fields. Our curriculum is designed to help students make the intellectual connections and gain the practical skills necessary for building socially and environmentally sustainable community futures. Through the integration of urban planning with the natural and social sciences, and allied fields, the Urban Planning program at Huxley College endeavors to educate problem solvers who are able to meet the environmental challenges of our times.

Huxley's Urban Planning program's mission emphasizes an interdisciplinary approach to solving complex problems that face communities from the local to the global level. The curriculum provides students with a solid core understanding of the linkages between urban and natural systems and the multi-dimensional problems faced in urban development. The program prepares students with the knowledge and skills necessary to make positive changes towards sustainability in an increasingly complex world.

## Recommended Sequence of Classes for the Urban Planning Major

URBAN PLANNING and SUSTAINABLE DEVELOPMENT CORE REQUIREMENTS

	FALL	WINTER	SPRING
Junior Year	ENVS 303 Human Ecology/Ethics* ENVS 360 Plan Graphics* ENVS 361 Intro Planning*	ENVS 303 Human Ecology/Ethics* ENVS 305 History/Policy* ENVS 370 Plan History ENVS 373 Transp Planning Electives / Specializations	ENVS 305 History/Policy* ENVS 343 Urbanization ENVS 360 Plan Graphics* ENVS 361 Intro Planning* ENVS 374 Land Use Regs Electives / Specializations
	Plus the following (in any quarter / year available): UPSD Foundation courses; 1 course from Planning Quantitative Methods course list		
Senior Year	ENVS 450 / 456 Env. Policy ENVS 457 Dispute Res.* ENVS 470 Plan Studio I ENVS 475 Comm Devel Electives / Specializations ENVS 498 Experiential	ENVS 457 Dispute Res.* ENVS 461 Land Use Law* ENVS 472 Plan Studio II ENVS 462 Planning Theory Electives / Specializations ENVS 498 Experiential	ENVS 461 Land Use Law* ENVS 473 Plan Studio III Electives / Specializations ENVS 498 Experiential
	Plus the following (in any quarter available): UPSD Foundation courses; 1 Capstone course 1 course from Planning and Diversity course list		
Specializations	<p><i>Elective Specializations: Select minimum 10 credits from the following categories:</i></p> <p><b>Geospatial Analysis Specialization:</b> ENVS 320 - GIS I; ENVS 419 Applications in GIS Or 420-GIS III Analysis and Modeling, and ENVS 321 – Cartography Or 422 – Advanced Spatial Analysis.</p> <p><b>Hazards Planning Specialization:</b> ENVS 362 - U.S. Disaster Policy Or ENVS 465 Disaster Risk Reduction; ENVS 372 - Natural Hazards Planning; and ENVS 476 - Disaster Reduction Studio.</p> <p><b>Student / Faculty Designed Specialization.</b> Three courses, Faculty Advisory approval.</p> <p><b>Completion of a Minor.</b> Requires Faculty Advisor and UPSD Director approval.</p>		

\* Courses offered multiple times each year

Note: Verify course availability, scheduling, and prerequisites in the WWU Course Catalog

