

**ENVS Social Science and Policy (SSP) BS Track Requirements**  
**Fall 2024 Update – Courses listed are REGULARLY offered**

**FOUNDATION COURSES:** *All required*

ENVS 120\*: Living in the Anthropocene

ENVS 131\*\*: Intro to ENVS Field Studies

ENVS 390: Seminar in Environmental Issues (taken JR or SR year)

\*ENVS 130 or ENVS 140 may be substituted for ENVS 120

\*\*ENVS\_OX 131 fulfills the requirement of both ENVS 130 and ENVS 131

**INTERMEDIATE BREADTH REQUIREMENTS:** *Four courses, one from each area below*

Methods (pre-requisite for all: QTM 100)

ENVS 250: Fundamentals of Cartography & GIS

ENVS 260: Quantitative Methods in ENVS

ENVS 270: Environmental Data Science

Ecology, Conservation, and Health

ENVS 232: Fundamentals of Ecology w/lab

ENVS 236: Ecology and its Applications

ENVS 240 or ENVS 240 w/lab: Ecosystem Ecology

ENVS/BIOL 247: Ecology

Earth and Atmospheric Sciences

ENVS 219: Natural Disasters

ENVS 222: Evolution of the Earth w/lab

ENVS 229: Atmospheric Science w/lab

ENVS 235: Environmental Geology

ENVS 239: Physical Oceanography

ENVS 245: Fundamentals in Soil Science

Social Science and Policy

ENVS 224: Economy and the Environment

ENVS 225: Institutions and the Environment

ENVS/POLS 227: Environmental Policy

**ADVANCED SPECIALIZATION ELECTIVES:** *Must take 4 from list below, with 2 or more at the 300+ level, plus one additional 3+ credit elective course in the department for a total of 5 electives*

Note: 2 courses from Intermediate Breadth and/or Advanced Specialization Categories must be field and/or lab courses.

SSP Track Advanced Specialization Electives

ENVS 210: Environmental Epidemiology

ENVS 224: Economy and the Environment

ENVS 225: Institutions and the Environment  
ENVS 227: Environmental Policy  
ENVS 250: Fundamentals of Cartography & GIS  
ENVS 255W: Environmental Communication  
ENVS 260: Quantitative Methods in ENVS  
ENVS 270: Environmental Data Science  
ENVS 310: Environmental Justice  
ENVS 320: Env Assessment/Management  
ENVS 323: Sustainable Food Systems  
ENVS 326/526: Climate Change and Society  
ENVS 344: American Environmental History  
ENVS 345/545: Conservation Biology  
ENVS 350: Environmental Thought  
ENVS 352: Green Business  
ENVS 365: Urban Geography  
ENVS 370A: Community Bldg & So Change I  
ENVS 370B: Planning Community Initiatives  
ENVS 420: Law and Biodiversity

*Pre-approved Special Topics:* approved special topics are posted on the ENVS web site each semester

*Other special topics, study abroad, or 3-credit ENVS 399 courses may count for advanced specialization options with prior approval*

**INDEPENDENT STUDY REQUIREMENT:** *Choose one, must be at least 4 credit hours*

ENVS 491: Environmental Sciences Practicum  
ENVS 494: Individual Research  
ENVS 495: Honors Research  
ENVS 497: Undergraduate Internship  
ENVS 498: Individual Directed Reading  
ENVS 499: Advanced Independent Research

**CAPSTONE REQUIREMENT:** *1 credit course in final semester*

ENVS 490: ENVS Senior Capstone Portfolio

**EXTERNAL BS REQUIREMENTS:** 4 courses

*Must take one complete methods sequence and two additional electives. An additional methods sequence may be taken instead of 2 electives.*

<u>Methods Sequences</u>	<u>Elective Courses</u>
<p><b>Economics Methods Sequence:</b>  ECON 220: Data Science for Economists  ECON 320: Econometrics</p>	<p><b>Anthropology</b>  ANT 202: Concepts and Methods in Cultural Anthropology  ANT 351W: Sustainable Development</p>
<p><b>Political Science Methods Sequence:</b>  POLS 208: Research Design and Methods  POLS 300: Social Choice and Elections <b>or</b>  POLS 360: Public Policy</p>	<p><b>Economics</b>  ECON 101: Principles of Microeconomics  ECON 112: Principles of Macroeconomics</p>
<p><b>Quantitative Theory and Methods Sequence:</b>  QTM 110: Intro to Scientific Methods  QTM 200: Applied Regression Analysis</p>	<p><b>Sustainability Studies</b>  SUST 201: Foundations of Sustainability</p>
	<p><b>Mathematics</b>  MATH 111: Calc I</p>
	<p><b>Political Science</b>  POLS 360: Public Policy  POLS 369: Policy Analysis</p>
	<p><b>Psychology</b>  PSYC 212: Social Psychology</p>
	<p><b>Quantitative Theory and Methods</b>  QTM 200: Applied Regression Analysis  QTM 250: Data Science Computing  QTM 315: Game Theory  QTM 446: Big/Small Data and Visualization</p>