

## Bachelor of Arts in Environmental Studies (ENVS)

40 Units Common to all Emphases and Degrees:

### Math Requirement:

Choose one:

QBIO 305g Statistics for Social Sciences  
SOCI 314g Analyzing Social Statistics

HP 340Lg Health Behavior Statistical Methods  
PSYC 274g Statistics

MATH 114xg Foundations of Statistics  
GEOL 425L Data Analysis in the Earth and Environmental Sciences

### Natural Science Core Experiences:

Choose two:

BISC 103Lgx General Biology for the Environment and Life

CHEM 103Lgx General Chemistry for the Environment and Life

GEOL 160Lg Introduction to Geosystems

### Environmental Studies Core Experiences:

ENST 100g Introduction to Environmental Studies

ENST 320ab Water and Soil Sustainability; Energy and Air Sustainability

ENST 344 Environmental Ethics

ENST 387 Economics for Natural Resources and the Environment

ENST 495 Senior Seminar in Environmental Studies

### Social Science Core Experiences:

Choose one: ENST/IR 323 Politics of Global Environment **OR** POSC 270 Introduction to Environmental Law and Politics

Add Four of the following from one of the emphases below (a minimum of 2 classes must have the ENST prefix):

Science and Management	Policy and Management
BISC 315L Introduction to Ecology OR BISC 469L Marine Biology OR BISC 473L Biological Oceanography	ECON 203g Principles of Microeconomics
ENST 310 Sustainable Fisheries Management	ECON 317 Introduction of Statistics for Economists
ENST 335 Science, Health, and the Environment	ENST/IR 323 Politics of the Global Environment <b>OR</b> POSC 270 Introduction to Environmental Law and Politics*
ENST 370 Marine and Coastal Environmental Policy	***ENST 330 Energy, Environment, and Geopolitics
ENVS 413 Sustainable Aquaculture and Food Security	ENST 370 Marine and Coastal Environmental Policy
ENST 445 Earth Climate: Past, Present and Future OR ENST/GEOL 412 Oceans, Climate, and the Environment	ENST 405 Public Engagement for Nature Conservation
ENST/GEOL 470L Environmental Hydrogeology	ENST 432 Environment and Governance: International and National Policy
ENST 480 Integrated Ecosystem Management in Micronesia	ENST/POSC 436 Environmental Politics
ENST 483 Coastal Zone Sustainability	ENST 442 Global Climate Change: Policy and Society
ENST 490x Directed Research** OR ENST 492 Directed Environmental Policy and Science Internship**	ENST/MOR 466 Business and Environmental Sustainability
GEOL 351L Climate Systems	ENST 486 Social Science Research Methods for Environmental Analysis
HP 408 Environmental Health in the Community <b>OR</b> HP 448 Global Environmental Change and Health	**ENST 490x Directed Research <b>OR</b> ENST 492 Directed Environmental Policy and Science Internship
SSCI 301L Maps and Spatial Reasoning <b>OR</b> PPD 427L Geographic Information Systems and Planning Applications	HP 466 Poisons, People, Politics
	POSC 418 Environmental Sustainability and Public Participation
	PPD 410 Comparative Urban Development
	SSCI 301L Maps and Spatial Reasoning <b>OR</b> PPD 427L Geographic Information Systems and Planning Applications

\*ENST/IR 323 & POSC 270 cannot be double counted

\*\* ENST 490x and ENST 492 (Max units towards major: 4)

\*\*\*ENST 330 is only offered as part of the Dornsife Washington D.C. Semester

For classes with an ENST/xx prefix: these count as ENST requirements, but go to the home department to find the class when registering.

## Bachelor of Science Environmental Studies Curriculum (ENVS)

**48 Units Common to all Emphases and Degrees:**

**Math Requirement:**

Choose one:

QBIO 305 Statistics for Biological Sciences

GEOL 425 Data Analysis in the Earth & Environmental Sciences

HP 340Lg Health Behavior Statistical Methods

MATH 114xg Foundation of Statistics

PSYC 274Lg Statistics

**Natural Science Core Experiences:**

BISC 103Lgx General Biology for Environment and Life

CHEM 103Lgx General Chemistry for the Environment and Life

GEOL 160Lg Introduction to Geosystems

**Environmental Studies Core Experiences:**

ENST 100g Introduction to Environmental Studies

ENST 320ab Water and Soil Sustainability; Energy and Air Sustainability

ENST 344 Environmental Ethics

ENST 387 Economics for Natural Resources and the Environment

ENST 495 Senior Seminar in Environmental Studies

**Social Science Core Experiences:**

ENST/IR 323 Politics of Global Environment

POSC 270 Introduction to Environmental Law and Politics

Oceans and People	Climate and Environment	Sustainability and Society	Environmental Policy
<p><b>Further Add Six of the following, 3 must have ENST prefix (24 units minimum):</b></p> <p>BISC 315L Introduction to Ecology            BISC 419L Environmental Microbiology            BISC 431 Aquatic Microbiology <b>OR</b> BISC 457L Methods in Marine Biology and Biological Oceanography            BISC 469L Marine Biology <b>OR</b> BISC 473 Biological Oceanography            ENST 310 Sustainable Fisheries Management            ENST 370 Marine and Coastal Environmental Policy            ENST 405 Public Engagement for Nature Conservation            ENST/GEOL 412 Oceans, Climate and the Environment            ENST 413 Sustainable Aquaculture and Food Security            ENST/GEOL 470L Environmental Hydrogeology            ENST 483 Coastal Zone Sustainability  <b>**ENST 490x Directed Research <b>OR</b> ENST 492 Directed Environmental Policy and Science Internship</b>            GEOL 450L Geosystems            PPD 427L Geographic Information Systems and Planning <b>OR</b> SSCI 301L Maps and Spatial Reasoning</p>	<p><b>Further Add (12 units):</b></p> <p>MATH 125g Calculus I            PHYS 151Lg Fundamentals of Physics I</p> <p><b>Choose one:</b></p> <p>ENST 432 Environment and Governance: International and National Policy            ENST 442 Global Climate Change: Policy and Society            ENST 445 Earth Climate: Past Present and Future            GEOL 351 Climate Systems            GEOL 412 Oceans, Climate, and the Environment</p> <p><b>Add Three of the following. A minimum of two must have the ENST prefix.</b></p> <p><b>**ENST 330 Energy, Environment, and Geopolitics</b>            ENST 335 Science, Health and the Environment            ENST 442 Global Climate Change: Policy and Society            ENST 445 Earth Climate: Past, Present and Future <b>OR</b>            ENST/GEOL 412 Oceans, Climate and the Environment            ENST/GEOL 470L Environmental Hydrogeology            ENST 483 Coastal Zone Sustainability  <b>**ENST 490x Directed Research <b>OR</b> ENST 492 Directed Environmental Policy and Science Internship</b>            GEOL 425L Data Analysis in the Earth and Environmental Sciences            GEOL 450L Geosystems            HP 448 Global Environmental Change and Health            PPD 427L Geographic Information Systems and Planning <b>OR</b>            SSCI 301L Maps and Spatial Reasoning</p>	<p><b>Further Add Six of the Following, 3 must have ENST prefix (24 units minimum):</b></p> <p>ANTH 302 Human and Ancient Environments            ARCH 447 Ecological Factors in Design (3 units)            ENST 310 Sustainable Fisheries Management            ENST 405 Public Engagement for Nature Conservation            ENST 413 Sustainable Aquaculture and Food Security            ENST 432 Environment and Governance: International and National Policymaking            ENST/POSC 436 Environmental Politics            ENST 442 Global Climate Change: Policy and Society            ENST486 Social Science Research Methods for Environmental Analysis            ENST 445 Earth Climate: Past, Present, and Future            ENST/MOR 466 Business and Environmental Sustainability            ENST 486 Social Science Research Methods for Environmental Analysis  <b>**ENST 490 Directed Research <b>OR</b> ENST 492 Directed Environmental Policy and Science Internship</b>            GEOL 425L Data Analysis in the Earth and Environmental Sciences            MDES 401 Environment and Politics in the Middle East            POSC 418 Environmental Sustainability and Public Participation            PPD 361 Sustainable Communities, Policy and Planning            PPD 427L Geographic Information Systems and Planning <b>OR</b> SSCI 301L Maps and Spatial Reasoning</p>	<p><b>Further Add Six of the Following, 3 must have ENST prefix (24 units minimum):</b></p> <p>ECON 203 Microeconomics <b>OR</b> ECON 205 Macroeconomics  <b>***ENST 330 Energy, Environment, and Geopolitics</b>            ENST 370 Marine and Coastal Environment            ENST 432 Environment and Governance: International and National Policymaking            ENST/POSC 436 Environmental Politics            ENST 442 Global Climate Change: Policy and Society            ENST486 Social Science Research Methods for Environmental Analysis  <b>**ENST 490x Directed Research <b>OR</b> ENST 492 Directed Environmental Policy and Science Internship</b>            HP 446 Poisons, People, Politics            MATH 208 Elementary Probability and Statistics <b>OR</b>            PHIL 258 Probability and Rational Choice            MDES 401 Environment and Politics in the Middle East            POSC 418 Environmental Sustainability and Public Participation            PPD 315 Analytic Foundations for Public Policy            PPD 410 Comparative Urban Development            PPD 420 Environmental Impact Assessment            PPD 427L Geographic Information Systems and Planning Applications <b>OR</b> SSCI 301L Maps and Spatial Reasoning</p>

\*For the Climate and Environment Concentration: students cannot take more than one of the following climate science courses: ENST 445, ENST/GEOL 412, GEOL 351. If one of these options is being taken as a required climate class, none of them are available to take as an elective.

\*\*ENST 490x and ENST 492 (Max units towards major: 4)

\*\*\*ENST 330 is only offered as part of the Dornsife Washington D.C. Semester

For classes with an ENST/xx prefix: these count as ENST requirements, but go to the home department to find the class when registering.