USC Dornsife
Environmental Studies Program

Bachelor of Science in Environmental Studies (ENVS)

48 Units common to both emphases

Environmental Studies Core Experiences:

ENST 100g Introduction to Environmental Studies	ENST 320a Water and Soil Sustainability	ENST 387 Economics for Natural Resources and the Environment
ENST 344 Environmental Ethics	ENST 320b Energy and Air Sustainability	ENST 495 Senior Seminar in Environmental Studies

Natural Science Core Experiences:

BISC 103g General Biology for Environment and Life	CHEM 103g General Chemistry for Environment and Life	GEOL 160g Introduction to Geosystems

Policy/Governance Core Experience:

Choose 2:

ENST 360 Public Policy for Sustainability	IR 349 International Law and Politics	POSC/ENST 347 Environmental Law OR POSC 270 Intro to Environmental Law
IR 309 Global Governance	POSC 320 Urban Politics	MDES 201 The Middle East (Global and Environmental Perspectives)
ENST/IR 323 Politics of the Global Environment		MDES 401 Environment and Politics in the Middle East

Math Requirement:

Choose 1:

HP 340Lg Health Behavior Statistical Methods	MATH 114xg Foundations of Statistics	PSYC 274g Statistics	QBIO305g Statistics for Biological Sciences	GEOL 415 Fund. of Environmental Data Science

Oceans and People

Further add SIX of the following (24 units minimum)
At least 3 must have ENST prefix:

BISC 315L Introduction to Ecology
BISC 419L Environmental Microbiology
BISC 431 Aquatic Microbiology **OR** BISC 457L Methods in Marine Biology and Biological Oceanography
BISC 469L Marine Biology **OR** BSIC 473L 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
ENST 484 Waves of Change: Unearthing Coastal Environmental Histories
ENST 490x Directed Research **OR** ENST 492 Directed Environmental Policy and Science Internship**
GEOL 450L Geosystems
SSCI 301L Maps and Spatial Reasoning **OR** PPD 427L GIS and Planning Applications

Climate and Environment

Further add (8 units):
MATH 125g Calculus I
PHYS 151Lg Fundamentals of Physics I

Choose one (4 units)*:
ENST/GEOL 412 Oceans, Climate, and the Environment
ENST 432 Environmental 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

Choose THREE of the following (12 units)
At least 2 must have ENST prefix :
ENST 335 Science, Health, and the Environment
ENST 442 Global Climate Change: Policy and Society
ENST 443 Global Climate Negotiations: Communications and Research
ENST 445 Earth Climate: Past, Present and Future **OR**
ENST/GEOL 412 Oceans, Climate, and the Environment
ENST/GEOL 470L Environmental Hydrogeology
ENST 483 Coastal Zone Sustainability
ENST 490x Directed Research **OR** ENST 492 Directed Environmental Policy and Science Internship**
GEOL 450L Geosystems
HP 448 Global Environmental Change and Health
SSCI 301L Maps and Spatial Reasoning **OR** PPD 427L GIS and Planning Applications

Sustainability and Society

Further add SIX of the following (24 units minimum)
At least 3 must have ENST prefix:

ENST 310 Sustainable Fisheries Management
ENST 360 Public Policy for Sustainability***
ENST 405 Public Engagement for Nature Conservation
ENST 413 Sustainable Aquaculture and Food Security
ENST 432 Environmental Governance: International and National Policy
ENST 445 Earth Climate: Past, Present and Future
ENST/MOR 466 Business and Environmental Sustainability
ENST 484 Waves of Change: Unearthing Coastal Environmental Histories
ENST 486 Social Science Research Methods for Environmental Analysis
ENST 490x Directed Research **OR** ENST 492 Directed Environmental Policy and Science Internship**
MDES 401 Environment and Politics in the Middle East***
MDES 441 Cities of the Middle East
POSC 418 Environmental Sustainability and Public Participation
PPD 361 Sustainable Communities, Policy and Planning
SSCI 301L Maps and Spatial Reasoning **OR** PPD 427L GIS and Planning Applications

Environmental Policy

Further add SIX of the following (24 units minimum)
At least 3 must have ENST prefix:

ECON 203 Principles of Microeconomics **OR** ECON 205 Principles of Macroeconomics
ENST 360 Public Policy for Sustainability***
ENST 370 Marine and Coastal Environmental Policy
ENST 432 Environmental Governance: International and National Policy
ENST/POSC 436 Environmental Politics
ENST 442 Global Climate Change: Policy and Society
ENST 443 Global Climate Negotiations: Communications and Research
ENST 486 Social Science Research Methods for Environmental Analysis
ENST 490x Directed Research **OR** ENST 492 Directed Environmental Policy and Science Internship**
HP446 Poisons, People Politics
MDES 401 Environment and Politics in the Middle East
POSC 418 Environmental Sustainability and Public Participation
PPD 373 Public Policy and Planning Analysis
PPD 410 Comparative Urban Development
PPD 420 Environmental Impact Assessment
RISK 380 Intro to Enterprise Risk Analysis
SSCI 301L Maps and Spatial Reasoning **OR** PPD 427L GIS and Planning Applications

*For the Climate and Environment Concentration: students cannot take more than one of the following climate science courses: ENST/GEOL 412, ENST 445, 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)
***These courses may not be double counted for a Policy/Governance Core Experience and as an elective in chosen track
For classes with an ENST/xx prefix: these count as ENST requirements, but go to the home department to find the class when registering

updated
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