

ENVS Sustainable Systems Concentration Course List

Knowledge Competencies

Resource Management (2 of the following)

EEB 2208 Introduction to Conservation Biology
GEOG 3340 Environmental Planning and Management
MARN 3030 Coastal Pollution and Bioremediation
NRE 2010 Natural Resources Measurements
NRE 2215 Introduction to Water Resources
NRE 2345 Introduction to Fish and Wildlife
NRE 2600 Global Sustainable Environmental Systems
NRE 3105 Wetlands Biology and Conservation
NRE 3125 Watershed Hydrology
NRE 3155 Water Quality Management
NRE 3305 African Field Ecology and Renewable Resources Management
NRE 3335 Wildlife Management
NRE 3345/W Wildlife Management Techniques
NRE 3500 Exurban Silviculture
NRE 3535 Remote Sensing of the Environment
NRE 4335 Fisheries Management
NRE 4575 Natural Resource Applications of GIS

Ecological Systems (2 of the Following)

EEB 2244/W General Ecology
EEB 3247 Freshwater Ecology
EEB 4230W Methods of Ecology
EEB 3230/MARN 3014 Marine Biology
NRE 2455 Forest Ecology
NRE 3205 Stream Ecology
NRE 4340 Ecotoxicology

Built Systems (1 of the following)

AH 3175 Environmental Health
GEOG 2400 Introduction to Sustainable Cities
LAND 3230W Environmental Planning and Landscape Design
NRE 3265 Sustainable Urban Ecosystems

Governance & Policy (1 of the following)

AH 3174 Environmental Laws, Regulations and Issues
ARE 2235 Marine Economics and Policy
ARE 3434 Environmental and Resource Policy
ARE 3437 Marine Fisheries Economics and Policy
ARE 4438 Valuing the Environment
ARE 4462 Environmental and Resource Economics
ECON/MAST 2467 Economics of the Oceans
GEOG 3320W Environmental Evaluation and Assessment
MAST/POLS 3832 Maritime Law
NRE 3000 Human Dimensions of Natural Resources
NRE 3201 Conservation Law Enforcement
NRE 3245 Environmental Law
POLS 3412 Global Environmental Politics
SOCI 3407/W Energy Environment and Society

Ethics, Values, & Culture (1 of the following)

ANTH 3339 Cultural Designs for Sustainability
ENGL 3240 American Nature Writing
ENGL 3715 Nature Writing Workshop
GEOG 3410 Human Modifications of Natural Environments
HIST 3540 American Environmental History
HIST 3542 New England Environmental History
JOUR 3046 Environmental Journalism
PHIL 3216 Environmental Ethics
SOCI 2701 Sustainable Societies
SOCI 2705 Sociology of Food
SOCI 2709W Society and Climate Change
SOCI 3407/W Energy Environment and Society

Economics & Business (1 of the following)

ARE 2235 Marine Economics and Policy
ARE 4305 Sustainable Economic Development
ARE 4438 Valuing the Environment
ARE 4444 Economics of Energy and the Environment
ARE 4462 Environmental and Resource Economics
ECON/MAST 2467 Economics of the Oceans
ECON 3466 Environmental Economics
ECON 3473 Economic Development

***Courses cannot be used to fulfill more than one competency.**