## 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 3235 Fish and Fisheries Conservation
- NRE 2345 Introduction to Fish and Wildlife
- 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 Geographic Information Systems

### 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 Environmental Toxicology

### Built Systems (1 of the following)
- AH 3175 Environmental Health
- GEOG 2400 Sustainable Cities
- HORT 3765 PhytoTechnology: Use of Plants for Ecosystem Services
- 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 3235 Marine Resource and Environmental Economics
- ARE 3434 Environmental and Resource Policy
- ARE 3437 Marine Fisheries Economics and Policy
- ARE 4438 Valuing the Environment
- ARE 4462 Environmental and Resource Economics
- ARE 4464 Benefit Cost Analysis and Resource Management
- ECON/MAST 2467 Economics of the Oceans
- ECON 3466 Environmental Economics
- ECON 3473 Economic Development

### 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 3335 Marine Resource and Environmental Economics
- ARE 4305 The Role of Agriculture and Natural Resources in Economic Development
- ARE 4438 Valuing the Environment
- ARE 4444 Economics of Energy and the Environment
- ARE 4462 Environmental and Resource Economics
- ARE 4464 Benefit Cost Analysis and Resource Management
- 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.*