



Environmental Science Graduate Program Core Course Offerings Spring 2024

Core	Course code	Course Department	Course Title	Credits
Biology	ENR 5263	Environment and Natural Resources	Biology of Soil Ecosystems	3
Biology	ENR 5560	Environment and Natural Resources	The Dynamics of Ecosystem Restoration	3
Biology	PUBHEHS 5315	Public Health	Principles of Toxicology	3
Biology	PUBHEHS 5335	Public Health	Ecology of Infectious Diseases	3
Biology	PUBHEHS 7365	Public Health	Environmental and Human Health Risk Assessment	3
Biology	PUBHEHS 7375	Public Health	Quantitative Microbial Risk Analysis Modeling	3
Biology	EEOB 5420	Evolution, Ecology, and Organismal Biology	Aquatic Ecosystems – Ecology of Inland Waters	1.5-4
Biology	EEOB 6210	Evolution, Ecology, and Organismal Biology	Ecotoxicology	3
Biology	MICRO 6155	Microbiology	Microbiome Sciences	3
Biology	HCS 5602	Horticulture and Crop Science	Ecology of Agriculture	3
Physical	ENR 5268	Environment and Natural Resources	Soil Climate Change	3
Physical	ENR 5273	Environment and Natural Resources	Environmental Fate and Impact of Contaminants in Soil and Water	3
Physical	FABENG 5550	Food, Agricultural, and Biological Engineering	Sustainable Waste Management Systems	3
Physical	ENVENG 6100	Environmental Engineering	Environmental Engineering Analytical Methods	3
Physical	ENVENG 6200	Environmental Engineering	Fundamentals of Environmental Engineering	3
Physical	FABENG 5760	Food, Agricultural, and Biological Engineering	Design of Urban Stormwater Control Measures	3
Physical	PUBHEHS	Public Health	Environmental Epigenetics	3
Social	ENR 7004	Environment and Natural Resources	Social-Ecological Systems	3
Social	ENR 5451	Environment and Natural Resources	Water Policy and Governance	3
Social	ENR 7400	Environment and Natural Resources	Communicating Environmental Risk	3
Social	ENR 7520	Environment and Natural Resources	Environmental Science and Law	3
Social	ENVENG 5600	Environmental Engineering	Science, Engineering, and Public Policy	3
Social	PUBAFRS 5600	Public Affairs	Science, Engineering, and Public Policy	3
Social	PUBAFRS 6000	Public Affairs	Public Policy Formulation and Implementation	4
Social	PUBAFRS 6080	Public Affairs	Concepts and Methods of Program Evaluation	4
Social	CRPLAN 6310	City and Regional Planning	Law and Planning II: Environment and Society	3
Social	CRPLAN 6310	City and Regional Planning	Site Planning and Development	3
Social	CRPLAN 6310	City and Regional Planning	Planning for Sustainable Development	3
Social	LAW 8309	Law	Environmental Law	3