

Environment Sustainability

ENV 335L Env Conserv & Sustain Lab 1 cr

Lab component for Environmental Conservation & Sustainability course. Must be taken with lecture.
Co-requisite: ENV 335

ENV 337L Environ Sciences I Lab 1 cr

Lab component for ENV 337. Must be taken with lecture.
Co-requisite: ENV 337

ENV 338L Environ Sciences II Lab 1 cr

Lab component for ENV 338. Must be taken with Lecture.
Co-requisite: ENV 338

ENV 334 Enviro Monitoring & Assessment 3 cr

This course presents the theory and application of environmental sampling and data analysis in support of regulatory standards and criteria for surface water, groundwater, soils, coastal habitats, and air.
Pre-requisite: (CH 131 Minimum Grade of C and CH 131L Minimum Grade of C) and (CH 132 Minimum Grade of C and CH 132L Minimum Grade of C) and MA 125 Minimum Grade of C and (PH 114 Minimum Grade of C and PH 114L Minimum Grade of C).

ENV 335 Enviro Conserv/Sustainabilit-W 3 cr

Students are introduced to the natural environment of different regions, helping to instill a sense of place and serving as a basis for understanding the varying environmental issues in each region.

Co-requisite: ENV 335L

Pre-requisite: (CH 131 Minimum Grade of C and CH 131L Minimum Grade of C) and (CH 132 Minimum Grade of C and CH 132L Minimum Grade of C) and (BLY 121 Minimum Grade of C and BLY 121L Minimum Grade of C).

ENV 337 Enviro Sciences I 3 cr

This course provides basic scientific knowledge and understanding of how our world works from an environmental perspective.

Co-requisite: ENV 337L

Pre-requisite: (BLY 121 Minimum Grade of C and BLY 121L Minimum Grade of C).

ENV 338 Enviro Sciences II 3 cr

This course will introduce biogeophysicochemical processes operating in the environment. Methods for quantifying chemical parameters together with data quality control practices will be covered.

Co-requisite: ENV 338L

Pre-requisite: (BLY 121 Minimum Grade of C and BLY 121L Minimum Grade of C) and (CH 131 Minimum Grade of C and CH 131L Minimum Grade of C) and (CH 132 Minimum Grade of C and CH 132L Minimum Grade of C) and (PH 114 Minimum Grade of C and PH 114L Minimum Grade of C) and (ENV 337 Minimum Grade of C and ENV 337L Minimum Grade of C).

ENV 339 Climate Change - W 3 cr

This course will introduce climate science and explore issues associated with modern climate change.

Pre-requisite: (CH 131 Minimum Grade of C and CH 131L Minimum Grade of C) and (CH 132 Minimum Grade of C and CH 132L Minimum Grade of C) and (PH 114 Minimum Grade of C and PH 114L Minimum Grade of C) and (ENV 337 Minimum Grade of C and ENV 337L Minimum Grade of C) and (ENV 338 Minimum Grade of C and ENV 338L Minimum Grade of C).

ENV 340 Fundamentals of E Tox & Chem 3 cr

Students will be provided with a foundational knowledge of Environmental Chemistry and Environmental Toxicology. Students will be introduced to the impacts and influence of chemicals upon ecological systems. Students will examine the chemistry, fate and effects of environmental contaminants in various hierarchies of biological organization in order to carry out assessments of ecological risk.