Env Engr (ENVE)

Courses

ENVE 4404 Environmental Risk Assessment: 3 semester hours.
Quantitative and qualitative approaches to characterizing and controlling contaminant pathways. Risk assessment requirements and implications in superfund projects for engineers working on remediation. PREREQ: Permission of major advisor. F

ENVE 4408 Water and Waste Water Quality: 3 semester hours.
Principles of chemistry in application to water and wastewater treatment systems for water quality control and reuse. PREREQ: Minimum grade of C- in CHEM 1111 and CHEM 1111L or equivalent. S, D

ENVE 4409 Water and Waste Water Lab: 1 semester hour.
Fundamental analytical procedures for measurement of water and waste water quality. Introduction to materials and protocols associated with general environmental analytical techniques. COREQ or PREREQ: ENVE 4408. D

ENVE 4410 Introduction to Environmental Engineering: 3 semester hours.
Introduction to physical, chemical, and biological principles of solid and hazardous waste management, water and wastewater treatment, air pollution control and national environmental regulation. PREREQ: ENVE 4408 or equivalent. F

ENVE 4430 Air Pollution and Solid Waste: 3 semester hours.
Sources, characteristics, regulations, and effects of air pollution and solid waste on environmental quality; analysis and design of control systems, including the recovery of resources from solid waste. PREREQ: Senior standing in Engineering or permission of instructor. D

ENVE 4499 Experimental Course: 1-6 semester hours.
The content of this course is not described in the catalog. Title and number of credits are -announced in the Class Schedule. Experimental courses may be offered no more than three times with the same title and content. May be repeated.