ENVIRONMENTAL ENGINEERING (ENVE)

ENVE 851 Soils, Water, and Environmental Chemistry
Crosslisted with: NRES 451, NRES 851
Prerequisites: NRES/WATS/SOIL/PLAS/GEOL 361 or graduate standing
Description: Environmental chemistry related to the fate and transport of organic contaminants in soil-water environments. Application of computer simulation models (i.e., MODFLOW) for predicting contaminant fate in aquifers. Basic chemical and biological principles of remediating contaminated soil and water.
Credit Hours: 4
Max credits per semester: 4
Max credits per degree: 4
Grading Option: Grade Pass/No Pass Option
Offered: SPRING

ENVE 890 Practicum in Environmental Engineering
Prerequisites: Permission
Description: Problems in engineering or management in a non-academic experience within the private sector or a government agency. Research, design, analysis, and testing.
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 6
Grading Option: Grade Pass/No Pass Option

ENVE 898 Special Problems in Environmental Engineering
Prerequisites: Permission
Description: Special research-oriented problems in current topics in environmental engineering.
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 6
Grading Option: Grade Pass/No Pass Option

ENVE 899 Masters Thesis
Prerequisites: Admission to masters degree program and permission of major adviser
Credit Hours: 1-10
Min credits per semester: 1
Max credits per semester: 10
Max credits per degree: 99
Grading Option: Grade Pass/No Pass Option

ENVE 990 Seminar in Environmental and Water Resources Engineering
Prerequisites: Permission
Description: Current research topics and projects in environmental and water resources engineering and closely allied areas.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Grading Option: Pass No-Pass

ENVE 998 Special Topics in Environmental Engineering
Prerequisites: Permission
Description: Independent library and/or experimental research, analysis, evaluation and presentation of current and advanced topics in environmental engineering and closely related areas.
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 6
Grading Option: Grade Pass/No Pass Option