ENVIRONMENTAL ENGINEERING (ENVE)

ENVE 851 Soils, Water, and Environmental Chemistry
Crosslisted with: NRES 451, NRES 851
Prerequisites: NRES/WATS/SOIL/AGRO/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