

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