

# ENVIRONMENTAL ENGINEERING (ENVE)

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## 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