Environmental Engineering Minor

Prerequisite Statement:
Students are expected to have at least one semester of Chemistry, two semesters of Calculus and one semester of Physics as prerequisites. AP equivalents or instructor approval is also acceptable.

Required Background:
CHE 150 - Green Energy
OR
EES 103 - Introduction to Environmental Science

Choose 16 credits from the following list.
No more than 12 credits can be taken from one department. Students not majoring in engineering should take 12 of the 16 credits in engineering courses (CHE or ECE). Students majoring in engineering should take 12 of the 16 credits in science courses (EES or BIO).

CHE 113 - Chemical Process Analysis
CHE 225 - Thermodynamics
CHE 231 - Chemical Reactor Design
CHE 243 - Fluid Dynamics
CHE 244 - Heat & Mass Transfer
CHE 250 - Separation Processes
CHE 258 - Electrochemical Engineering and Fuel Cells
CHE 260 - Solar Cells (not offered until Fall 2011)
CHE 264 - Biofuels
CHE 273 - Chemical Engineering Process Design
ECE/TEE 590 - Energy for the 21st Century
EES 213 - Physical Hydrology
EES 215 - Environmental and Applied Geophysics
EES 216 - Environmental Geochemistry
EES 218 - Atmospheric Geochemistry
EES 219 - Energy & Society (not offered until 2012)
EES 268 - Chemical & Isotope Hydrology
EES 283 - Sedimentary Basin Analysis
EES 320 - Sustainable Systems
BIO 263 - Ecology