ENVIRONMENTAL ENGINEERING - UNDERGRADUATE MINOR

This minor will build upon existing B.S. degree programs at NMSU in engineering and environmental science, and provides further preparation in modern and emerging technologies for upgrading the Nation's ageing utilities and infrastructure in the water, energy, and environment sectors. It includes 3 required courses (9 credits) from civil and environmental engineering, and 3 elective courses (9-10 credits) from civil engineering, environmental engineering, environmental science, and/or engineering technology.

Prefix	Title	Credits
Required courses (3 courses)		**9**
C E 256	Environmental Engineering and Science [1]	
C E 356	Fundamentals of Environmental Engineering	
ENVE 456	Environmental Engineering Design	
Elective courses (3 courses) [2]		**9-10**
To be selected from the following list of courses (numbered 300-499) [3]		
Upper level courses in Civil Engineering		
C E 355V	Technology and the Global Environment	
ENVE 450	Aquatic Chemistry	
ENVE 451	Unit Processes/Operation of Water Treatment	
ENVE 452	Unit Processes/Operation of Wastewater Treatment	
ENVE 459	Environmental Microbiology	
ENVE 487	Air Pollution Control Systems Design	
Upper level courses in Environmental Science		
ENVS 452	Geohydrology [4]	
ENVS 462	Sampling and Analysis of Environmental Contaminants	
ENVS 470	Environmental Impacts of Land Use and Contaminant Remediation	
Upper level courses in Engineering Technology		
E T 381	Renewable Energy Technologies	
E T 382	Solar Energy Technologies	
E T 384	Wind and Water Energy Technologies	
E T 386	Sustainable Construction and Green Building Design	
Total Credits		**18-19**

1. Cross-listed with ENVS 2111 Environmental Engineering and Science
2. May all be taken in same department or different departments
3. Courses numbered 450 and above may be used to satisfy course requirements for the accelerated master's degree program (requires department head approval and maximum of 6 credits)
4. Cross-listed with C E 452 Geohydrology