

# Minor in Energy Science and Technology

---

Environmental Science addresses urbanization and the depletion of natural resources connected to an ever-increasing global population.

Environmental Scientists are constantly identifying and looking for solutions to environmental problems that directly affect our quality of life.

Today's environmental problems call for scientists who are educated in more than one discipline, highly trained in technical skills, and aware of the political and social dimensions of environmental problems and how to make decisions with regard to these situations.

## Contact

Richard Cardenas, Ph.D. (rcardenas@stmarytx.edu)

| Code                      | Title   | Semester Hours |
|---------------------------|---|----------------|
| Requirements for minor:   |   |                |
| ES 1300                   | General Geology                               | 3              |
| ES 1100                   | General Geology Laboratory                    | 1              |
| ES 2325                   | Energy Resources and the Environment          | 3              |
| ES 2330                   | Introduction to Sustainability                | 3              |
| ES 3330                   | Introduction to Geographic Information System | 3              |
| Select from the following |   | 6              |
| CH 3433                   | Physical Chemistry I                          |                |
| CH 4330                   | Chemical Thermodynamics                       |                |
| EG 3334                   |   |                |
| ES 3325                   | Geophysics                                    |                |
| ES 3400                   | Environmental Geochemistry                    |                |
| PY 3304                   | Thermodynamics                                |                |
| Total Semester Hours      |   | 19             |