

Certificate in Mine Environmental Eng.

Students must attain a cumulative grade point average of 2.00 or better in courses taken for the Certificate. Students will be required to complete a minimum of 22 credits from the following course lists (core + elective).

| |
|---|
| Degree Services Validation Office Use Only |
| Date: _____ |
| GPA for courses: _____ |
| Total Credits: _____ |

Name: _____

ID Number: _____ Certificate Completion Date: _____

Degree Sought: _____ Expected Graduation Date: _____

Core Requirements (13 credits)

- _____ BA 4590 Environmental Law (3)
- _____ EC 3400 Economic Decision Analysis (3)
- _____ GE 2020 Intro Mining Engineering & Mining Methods (4)
- _____ GE 3410 Mine Safety and Health Certification (1)
- _____ GE 4210 Mine Environmental Engineering (2)

Electives (Choose 9 credits)

- _____ BL3850/SS3850 Environmental Toxicology and Society (3)
- _____ BL4040 Environmental Biochemistry (3)
- _____ CE3501 Environmental Engineering Fundamentals (3)
- _____ CE3502 Environmental Monitoring & Measurement Analysis (3)
- _____ CM4720 Design for Environment (3)
- _____ EC4600 Natural Resource and Environmental Economics (3)
- _____ FW3110 Natural Resource Policy (3)
- _____ FW4220 Wetlands (4)
- _____ GE3200 Geochemistry (3)
- _____ GE3400 Drilling, Blasting, Materials Handling, & Mine Ventilation (4)
- _____ GE3850 Geohydrology (3)
- _____ GE4800 Groundwater Engineering (3)
- _____ GE4934 Special Topics in Mining Engineering (1-3) (with environmental focus)
- _____ GE4963 Independent Mining Engrg Research Project (1-9) (with environmental focus)
- _____ HU4702 Environmental Philosophy (3)
- _____ SS3300 Environmental Problems (3)
- _____ SS3410 World Resources & Development (3)
- _____ SS3520 U.S. Environmental History (3)
- _____ SS3630 Environmental Policy and Politics (3)
- _____ SS3930 Environmental Issues (3)

Approved: _____ Date: _____
Mining Engineering Advisor