

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