



US MASTER

UNDERGRADUATE SCHOLARSHIPS WITH MATHEMATICS AND SCIENCE TRAINING IN ENVIRONMENTAL RESEARCH

Biology, Chemistry, Geography and
Mathematics

Types of Scholarships:

Financial support for up to 4 years (if renewal criteria are satisfied) covering tuition & fees with support of up to \$10,000 a year depending on the financial aid eligibility and the selection/eligibility criteria.

Eligibility Criteria:

- Eligibility for financial aid
- High school GPA ≥ 3.5 or ACT ≥ 25
- Full time enrollment in one of the above listed science majors
- Status as first generation student
- US Citizen or eligible noncitizen

Selection Criteria:

- Personal statement (2000 characters) demonstrating interest in environmental research
- Two recommendation letters

Opportunities/Support Provided to Students

- Close interaction with an academic advisor from the first day of studies
- Seminar course focusing on research and the transition to UND
- Opportunity to join the UND Honors program
- Opportunity to engage in environmentally-oriented research projects
- Opportunity to participate in an undergraduate research conference

Environmentally Oriented Research Projects:

The research project will be selected starting by end of 1st year. Students will be advised by the faculty performing actual research in the area.

Biology projects will investigate habitat fragmentation, invasive species, landscape ecology and phylogeography.

Chemistry topics may vary from the application of nanoscience, energy related projects, application using carbon dioxide, studying fate of trace elements, or understanding atmospheric processes (global changes).

Geography projects may vary from studies of hydrologic systems to changing landscape systems using geospatial technologies.

Mathematics projects will allow for an introduction to environmental modeling applications, but, depending on a student's eventual interests, can also include projects that provide an introduction to pure mathematics research.

Scholarship Renewal Criteria:

- Maintaining institutional cumulative GPA of at least 3.0
- Active participation in seminars

How to Apply:

Apply via 3 STEP process

- 1) Complete UND admission application at <http://und.edu/admissions/enrollment/>
- 2) Complete Free Application for Federal Student Aid (FAFSA) at www.fafsa.gov; this is required to demonstrate unmet need for the financial award package to be provided by UND
- 3) Download and send scholarship application at <http://arts-sciences.und.edu/chemistry/opportunities-outreach.cfm> including personal statement, 2 letters of recommendation

The priority application date for 2011-12 is April 15 2011.

Contact info: To attention US MASTER
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