Faculty
There are over 26 participating faculty in the Department of Geological Sciences, New Brunswick (http://geology.rutgers.edu/), and the Department of Earth and Environmental Sciences, Newark (http://geology.newark.rutgers.edu). Allied faculty are also in the Department of Environmental Sciences, (http://www.envsci.rutgers.edu/) and Engineering programs, New Brunswick.

Facilities
Laboratories on Busch: Geochronology; Stable Isotope; Solid Source Isotope; Paleomagnetics; Electron Microprobe; Seismic Processing; Structural Modeling; Micropaleontology; Stratigraphy and Core; Sedimentology Lab; Petrology Lab.
Laboratories on Cook: Inorganic Analytical; Trace Element Geochemistry; Plankton Culturing and Geochemistry.

Program Information:
Inquiries should be directed to: Dr. Peter J. Sugarman EGO Program Coordinator Rutgers, The State University of New Jersey Department of Geological Sciences Wright Labs, 610 Taylor Road Piscataway, New Jersey 08854-8066 Phone: (732) 445-3368 or 2044 petes@rci.rutgers.edu The latest information, schedules, and course listings are available online at http://geology.rutgers.edu

Application Procedures
Students are accepted to the Program for Fall, Spring, or Summer terms on a rolling admission basis. Admitted students may attend part-time or full-time.

Deadlines
The Program has a rolling admissions schedule with the following deadlines:
- Fall Admission August 1
- Spring Admission December 1
- Summer Admission May 1

Requirements for Admission
- Bachelor’s degree and strong academic record (GPA greater than 3.0)
- GRE minimum 500 Verbal, 600 Math
- Three letters of recommendation
- TOEFL for non-native English speakers
- Personal statement of career objectives

How to Apply
Apply online: We encourage you to apply ONLINE. It is the fastest way to submit an application:
<http://gradstudy.rutgers.edu/3ways.html>

To request a paper application, go to <https://www.acs.rutgers.edu/graduate/adreque st.asp> (allow 3 weeks)
For further information call (732) 932-7711

Rutgers
The State University of New Jersey
Department of Geological Sciences
Master of Science Degree in Geological Science
Environmental Geosciences Option

Program Information:
Department of Geological Sciences
Rutgers, The State University of New Jersey
Wright-Rieman Labs
610 Taylor Road
Piscataway, NJ 08854-8066
Phone: (732) 445-2044
http://geology.rutgers.edu
M.S. Degree in Geological Science
Environmental Geosciences Option

The state of New Jersey and environs has a need for well-trained professionals with proficiency in the geosciences to solve the region’s growing environmental problems. For example, groundwater contamination (New Jersey contains the largest number of Superfund sites in the nation), lowland and coastal flooding, and the threat of drought all threaten New Jersey. Dense population and rapid development put ever greater pressure on the state’s natural resources. This in turn generates a need for professionals to meet the increasingly complicated and stringent regulations imposed by all levels of government.

According to Occupational Outlook, employment growth for environmental scientists is projected to increase faster than average through the year 2012. Rutgers University is well positioned to offer an environmental geosciences degree. It has a strong Geological Sciences program containing a broad Earth Sciences faculty.

Overview of the Environmental Geosciences Option Program

- Rigorous technical training including problem identification, hypothesis formulation, data collection and analysis, synthesis and presentation of results.
- 2 years for full time students, and 4 years for part-time students
- Classes are generally given in the evening so students can obtain a graduate degree without interrupting their careers.

Basic Requirements

- A BS or BA degree in Geological Sciences or allied fields.
- A total of 30 credits is required (up to 12 credits at the 300-400 level), including 27 credits of course work and 3 credits for the capstone paper.
- Flexibility in required and elective courses allows students to develop specialization in a chosen area of professional interest.

The Capstone Paper

- Complete and defend a technical paper on an internship project.
- The internship project is a real world investigation with one of our internship hosts (U.S. Geological Survey, New Jersey Geological Survey, or an Environmental or Engineering Consulting Company).
- The subject of this paper will be of the student’s choosing and may be related to the student’s work.

Core Courses

- Geophysics
- Environmental Geochemistry or Aquatic Chemistry
- Hydrogeology or Groundwater Modeling

Elective and Optional Courses

- Biological Waste Treatment
- Coastal Engineering
- Depositional Environments
- Geomorphology
- Regional Geology
- Geospatial Analysis and Modeling
- Hazardous Wastes
- Isotope Geochemistry
- Soil Chemistry

www.cibageigysite.org/