Temple University
DUAL BACHELOR’S MASTER’S DEGREE PROGRAM
Philadelphia, Pennsylvania, USA

GEOLoGY

Earn your master’s degree in Geology in the College of Science and Technology through the Dual Bachelor’s Master’s Degree Program. Apply to Temple early during your third or fourth year of undergraduate studies and receive early admission into your graduate program. In five years, you can earn both your bachelor’s and master’s degrees.

APPLICATION PROCESS
• GPA 3.0 or higher (on a 4.0 scale)
• TOEFL iBT score of 105 or higher
• GRE waived
• Application deadline: March 15
• Decision by May 1

ACADEMIC CALENDAR
• Fall semester: August – December
• Spring semester: January – May

TOTAL TUITION COST
• Tuition is based on 30 credits required for completion of the master’s degree program.
• Tuition is calculated using out-of-state rates.

SCHOLARSHIPS
• First semester scholarship
• Second-fourth semester merit scholarships

LIVING COST
• $6,000 per semester (approximate)
• Housing, health insurance and book costs vary, depending on personal preference.

TEMPLE BY THE NUMBERS
• 42nd Largest University in the U.S. & 5th largest provider of professional education in the nation
• 14:1 student-faculty ratio
• Top 4% of all U.S. 4-year universities as a Carnegie R1 research institution
• Top University for International Students (U.S. News and World Report)

PHILADELPHIA, PA
• 5th largest city and 1st World Heritage City in the U.S.
• 150 km from New York City; 200 km from Washington, D.C.
• #2 Best Place to Visit in the US (U.S. News and World Report)
• 5th largest public transportation system in the U.S.
### GEOLOGY CURRICULUM

**PREREQUISITES FOR ADMISSION**

One year of Physics, Chemistry and Calculus preferred.

**YEAR 1-FALL**
- EES Graduate Course
- EES Graduate Course
- EES Graduate Course
- Graduate Seminar

**YEAR 1-SPRING**
- EES Graduate Course
- EES Graduate Course
- EES Graduate Course
- Graduate Seminar

**YEAR 2-FALL**
- EES Graduate Course
- EES Graduate Course
- Thesis Research
- Graduate Seminar

**YEAR 2-SPRING**
- Thesis Research
- Graduate Seminar

Graduate Students in the Department of Earth and Environmental Science (EES) can choose from the list of courses below to satisfy the program’s degree requirements.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
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<tbody>
<tr>
<td>EES 5011</td>
<td>Remote Sensing in GIS</td>
</tr>
<tr>
<td>EES 5042</td>
<td>Coastal Processes</td>
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<tr>
<td>EES 5402</td>
<td>X-ray Crystallography</td>
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<tr>
<td>EES 5454</td>
<td>Introduction To Geophysics</td>
</tr>
<tr>
<td>EES 5461</td>
<td>Low-Temperature Geochemistry</td>
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<tr>
<td>EES 5462</td>
<td>Advanced Low-Temperature Geochemistry</td>
</tr>
<tr>
<td>EES 5601</td>
<td>Vertebrate Paleontology and Taphonomy</td>
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<tr>
<td>EES 5702</td>
<td>Sedimentary Petrology</td>
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<tr>
<td>EES 5725</td>
<td>Soils and Paleosols</td>
</tr>
<tr>
<td>EES 5801</td>
<td>Quantitative Structural Geology</td>
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<tr>
<td>EES 5802</td>
<td>Tectonics</td>
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<tr>
<td>EES 5811</td>
<td>Planetary Geology</td>
</tr>
<tr>
<td>EES 8411</td>
<td>Advanced Hydrogeology</td>
</tr>
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<td>EES 8421</td>
<td>Groundwater Modeling</td>
</tr>
<tr>
<td>EES 8601</td>
<td>Stratigraphic Dynamics</td>
</tr>
<tr>
<td>EES 8911</td>
<td>Teaching of Geology</td>
</tr>
<tr>
<td>EES 9996</td>
<td>Master’s Research and Thesis</td>
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</tbody>
</table>

"Temple provided excellent graduate courses that not only included theory, but hands-on knowledge that I used immediately upon graduating. Faculty consistently were at the top of their game with new technologies."

PROFESSIONAL GEOLOGIST AT RETTEW ASSOCIATES, INC
Ethan E. Prout, M.A. Geology

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**TEMPLE UNIVERSITY GLOBAL PROGRAMS**

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