# Environmental Science 2016-2017

**Dept of Earth & Environmental Science**

326 Beury Hall (215) 204-7172  
Program Director: Dr. Laura Toran  
Faculty Advisor: Dr. Allison Tumarkin-Deratzian  
www.temple.edu/cst/env-sci

**CST Credit Requirements:**

- 123 minimum total credits  
- 90 minimum CST/CLA credits  
- 45 minimum upper-level (2000+) CST/CLA credits  

**Backtracking rule:** Credit for some courses two or more levels below previously completed coursework cannot be used towards the degree.

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**Name:**

**TUID:**

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## Bachelor of Science

**Recommended Sequence of Major Courses:**

- General Chemistry I: Chem 1031 or 1951\textsuperscript{FH} ______
- General Chemistry Lab I: Chem 1033 or 1953\textsuperscript{FH} ______
- Calculus I: Math 1038* or 1041 or 1941\textsuperscript{H} ______
- General Chemistry II: Chem 1032 or 1952\textsuperscript{FH} ______
- General Chemistry Lab II: Chem 1034 or 1954 ______
- Physical Geology: EES 2001 ______
- Intro to Probability & Statistics for the Life Sciences: Math 1044 ______
- Introduction to Biology I: Bio 1111 or 1911\textsuperscript{SI} ______
- Organic Chemistry I: Chem 2201 or 2211\textsuperscript{F} or 2921\textsuperscript{FH} ______
- Organic Chemistry Lab I: Chem 2203 or 2213\textsuperscript{F} or 2923\textsuperscript{FH} ______
- Calculus II: Math 1042 or 1942\textsuperscript{H} OR Biostatistics: Bio 3312\textsuperscript{F} OR Data Analysis in Earth/Env Sci: EES 2051 ______
- Environmental Science Elective (Natural Science)**: ______
- Principles of Ecology: Bio 2227\textsuperscript{S} ______
- Groundwater Hydrology: EES 3021\textsuperscript{F} OR Physical Hydrology: EES 3025\textsuperscript{S} ______
- Introduction to Biology II: Bio 2112 or 2912\textsuperscript{FH} ______
- Environmental Science Elective**: ______
- Microeconomics: Econ 1102 or 1902\textsuperscript{H} ______
- Remote Sensing & GIS: EES 3011 OR Fundamentals of Geographic Information Systems: GUS 3062 or CRP 2524 ______
- Environmental Science Elective (Natural Science)**: ______
- Make an Appointment for a Graduation Review
- Energy, Ecology, & Economy: Econ/Enst 3596 ______
- Environmental Science Elective (Soc Sci/Policy)**: ______
- Environmental Science Elective (Natural Science)**: ______
- Senior Research Seminar: ENVS 4198\textsuperscript{S} ______
- Environmental Science Elective (Natural Science)**: ______

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### Placement:

- Math: ______  
- English: ______  
- FL: ______

### Notes:

- \textsuperscript{F} = Fall Only  
- \textsuperscript{S} = Spring Only  
- \textsuperscript{H} = Honors Students Only

Please check all pre- and co-requisites for courses before registering.

* Students who choose Math 1038 must also take the corresponding section of the linked course Math 1039

** Refer to the Undergraduate Bulletin for Elective course options.

ES electives must include at least four Natural Science courses, with at least two of these from the same department; plus at least one Social Science/Policy course.

The Undergraduate Bulletin is the official source for major requirements: [http://bulletin.temple.edu](http://bulletin.temple.edu)

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### Suggested Courses:

<table>
<thead>
<tr>
<th>Suggested Courses:</th>
<th>Notes:</th>
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### Office Use Only: CR Path

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<table>
<thead>
<tr>
<th>University Requirements 2016-2017</th>
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<tbody>
<tr>
<td><strong>Appropriate University Curriculum:</strong></td>
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<tr>
<td><strong>Gen Ed Traditional:</strong></td>
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<tr>
<td>• Analytical Reading &amp; Writing: Eng 0802________</td>
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<td>• Mosaic I: Intel Heritage (IH) 0851 ___________</td>
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<td>• Mosaic II: Intel Heritage (IH) 0852__________</td>
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<td>• Global/World Society (GG)________</td>
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<td>• Quantitative Literacy (GQ)** _____________</td>
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<td><strong>Bachelor of Arts (BA) Only</strong></td>
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<td>• 2nd level of a Language ___________</td>
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<td><strong>Gen Ed 45+ (45 or more transfer credits):</strong></td>
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**Note:** No more than two courses from the same department may be used to satisfy GenEd requirements. GenEd courses may not be used to satisfy major requirements.

**University Core:**

Students who were admitted as freshmen prior to fall 2008, or were admitted as transfers prior to fall 2010, follow the University Core curriculum instead of the Gen Ed curriculum.

**Undergraduate Bulletin:**

The Undergraduate Bulletin is the official reference for University Requirements at:

[http://bulletin.temple.edu](http://bulletin.temple.edu)

**Note:** Students must complete at least 2 Writing-Intensive (WI) courses within the major, to be taken at Temple. These must be specific courses or course combinations within the major, or electives required for the major. These courses must be taken at Temple University. Writing-Intensive courses are numbered XX96, XX97, or XX98.