

**TUteach**

Earth & Space Science with Teaching

2011-2012

Dept of Earth & Environmental Science

326 Beury Hall (215) 204-7172

Program Directors:

Dr. Tom Walker & Dr. Doug Baird

Master Teacher/Faculty Advisor: Dr. Herbert Green**Content Advisor:** Dr. Allison Tumarkin-Deratzian**Academic Advisor:** Lisa Mathason

www.temple.edu/geology

CST Credit Requirements:**124** minimum total credits**90** minimum CST/CLA credits**45** minimum upper-level (2000+) CST/CLA credits**Backtracking rule:** Credit for courses 2 or more levels below previously completed coursework cannot be used towards the degree.Admission to candidacy is required to complete this degree. This includes, but is not limited to, a **3.0** minimum GPA and completion of the Praxis I Exam.

The B.S. with Teaching in Earth & Space Science provides broad training in Earth & Space Science, and prepares students for a career in secondary school teaching. **Please note:** PA Certification requires passing the Praxis I and II exams.

Name:**TUID:**Recommended Sequence of Major Courses for Bachelor of Science:

- | | |
|--|---|
| <input type="checkbox"/> Calculus I: Math 1041 _____ | <input type="checkbox"/> Make an Appointment for Candidacy Review |
| <input type="checkbox"/> Physical Geology: EES 2001 _____ | <input type="checkbox"/> Geology Elective: EES 2002+** _____ |
| <input type="checkbox"/> TUteach Step 1: CST 1189 _____ | <input type="checkbox"/> Science Foundation Elective* _____ |
| <input type="checkbox"/> General Chemistry I: Chem 1031 _____ | <input type="checkbox"/> TUteach Persp. On Science & Math: Phil 2196 ^F _____ |
| <input type="checkbox"/> General Chemistry Lab I: Chem 1033 _____ | <input type="checkbox"/> Geology Elective: EES 2002+** _____ |
| <input type="checkbox"/> TUteach Step 2: CST 1289 _____ | <input type="checkbox"/> Geology Elective: EES 2002+** _____ |
| <input type="checkbox"/> Schedule Praxis I Exam | <input type="checkbox"/> Research Methods: EES 3091 ^S _____ |
| <input type="checkbox"/> Mineralogy: EES 2011 ^F _____ | <input type="checkbox"/> Differentiated Literacy Instruction in the
Disciplines, 7-12: Secondary Ed 3796 _____ |
| <input type="checkbox"/> Elementary Classical Physics I: Physics 1061 _____ | <input type="checkbox"/> Make an Appointment for a Graduation Review |
| <input type="checkbox"/> TUteach Knowing and Learning: Ed 2179 _____ | <input type="checkbox"/> Geology Elective: EES 2002+** _____ |
| <input type="checkbox"/> Climate Change: Oceans to Atmosphere:
EES 2096 ^S † _____ | <input type="checkbox"/> Geology Elective: EES 2002+** _____ |
| <input type="checkbox"/> Science Foundation Elective* _____ | <input type="checkbox"/> TUteach Project-Based Instruction:
Math or Science Ed 4189 ^F _____ |
| <input type="checkbox"/> TUteach Classroom Interactions:
Math or Science Ed 2189 ^S _____ | <input type="checkbox"/> TUteach Apprentice Teaching: Ed 4388 ^S _____ |
| <input type="checkbox"/> Introduction to Astronomy: Physics 1004 _____ | <input type="checkbox"/> TUteach Apprentice Teaching Sem: Ed 4802 ^S _____ |

Placement: Math:**English:****FL:****Notes:**

F= Fall Only S=Spring Only †= Every Other Year

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

* Refer to the Undergraduate Bulletin for Science Foundation Elective options.

** Geology Electives must be EES courses numbered 2002 or higher. This major requires two WI courses that must be completed at Temple.

The Undergraduate Bulletin is the official source for major requirements: www.temple.edu/bulletin.

Suggested Courses:

Revised Date: _____

Advisor Initials: _____

Revised Date: _____

Advisor Initials: _____

Revised Date: _____

Advisor Initials: _____

Revised Date: _____

Advisor Initials: _____

University Requirements 2011-2012

Appropriate University Curriculum: Gen Ed Traditional Gen Ed 45+ Gen Ed-to-Gen Ed

Gen Ed Curriculum

Gen Ed Traditional:

- Analytical Reading & Writing: Eng 0802 _____
- Mosaic I: Intel Heritage 0851 _____
- Mosaic II: Intel Heritage 0852 _____
- US Society _____
- Human Behavior _____
- Arts _____
- Diversity and Race _____
- Global/World Society _____
- Quantitative Literacy * _____
- Science and Technology * _____
- Science and Technology * _____

* May be waived based on major courses

Bachelor of Arts (BA) Only

- 2nd level of a Language _____

Gen Ed 45+ (45 or more transfer credits):

- Analytical Reading & Writing: Eng 0802 _____
- Mosaic I or II: Intel Heritage 0851 or 0852 _____
- US Society * _____
- Human Behavior * _____
- Arts * _____
- Diversity and Race _____
- Global/World Society _____
- Quantitative Literacy ** _____
- Science and Technology ** _____

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*2 of the 3

** May be waived based on major courses

Bachelor of Arts (BA) Only

- 2nd level of a Language _____

Gen Ed-to-Gen Ed:

Transfer students with a pre-approved Associate's degree from an institution that has an established transfer agreement with Temple have satisfied their GenEd requirements, with the following exception for BA students:

Bachelor of Arts (BA) Only

- 2nd level of a Language _____

Gen Ed online:

www.temple.edu/gened

www.temple.edu/vpus/transfer/TransferGenEd.htm

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:
www.temple.edu/bulletin.

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.

Date: _____	Date: _____
Advisor: _____	Advisor: _____
Student: _____	Student: _____
Date: _____	Date: _____
Advisor: _____	Advisor: _____
Student: _____	Student: _____

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