TUteach
Physics with Teaching  2013-2014

Department of Physics
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Content Advisor:
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Program Director:
Dr. Doug Baird
Master Teacher/Faculty Advisor:
Ms. Kathleen McKinley
Academic Advisor: Lisa Mathason
www.temple.edu/physics

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 a passing score in the PRAXIS 1/PAPA Teacher Certification Exam.

The B.S. with Teaching in Physics provides broad training in Physics, and prepares students for a career in secondary school teaching.

Please note: PA Certification requires passing scores in the PRAXIS 1/PAPA and PRAXIS II Teacher Certification Exams.

Name: TUID:

Recommended Sequence of Major Courses for Bachelor of Science:

- □ Calculus I: Math 1041 ______
- □ Elementary Classical Physics I: Physics 1061 ______
- □ TUteach Step 1: CST 1189 ______
- □ Calculus II: Math 1042 ______
- □ Elementary Classical Physics II: Physics 1062 ______
- □ TUteach Step 2: CST 1289 ______

- □ Schedule PAPA Exam
- □ Calculus III: Math 2043 ______
- □ TUteach Knowing and Learning: Ed 2179 ______
- □ TUteach Special Ed 2231 ______

- □ Classical Mechanics: Physics 2101 $ ______
- □ Mathematical Physics: Physics 2502 $ ______
- □ Introduction to Modern Physics: Physics 2796 $ ______

- □ Make an Appointment for Candidacy Review
- □ Electricity and Magnetism: Physics 3301 $ ______
- □ Physics Elective* ______
- □ TUteach Persp. On Science & Math: Phil 2196 $ ______
- □ TUteach Differentiated Literacy Instruction in the Disciplines, 7-12: Secondary Ed 3796 ______

- □ Sequenced Science Elective 1* ______

- □ Experimental Physics: Physics 4796 $ ______
- □ Physics Elective* ______
- □ TUteach Classrm Interact: Math or Sci Ed 2189 $ ______
- □ TUteach Research Methods: Physics 3091 $ ______
- □ Make an Appointment for a Graduation Review

- □ Physics Elective* ______
- □ Sequenced Science Elective 2* ______
- □ TUteach PBI: Math or Science Ed 4189 $ ______

- □ TUteach Apprentice Teaching: Ed 4388 ______
- □ TUteach Apprentice Teaching Sem: Ed 4802 ______

Placement: Math: | English: | FL: |
---|---|---|
Notes: | | |

Suggested Courses: | Notes: |
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F = Fall Only  S = Spring Only
Please check all pre- and co-requisites for courses before registering.
*Please refer to the online bulletin for elective course options.
The Undergraduate Bulletin is the official source for major requirements: www.temple.edu/bulletin.

□ CR Path?
# University Requirements 2013-2014

### 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

#### 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**
- □ 2^nd 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.

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Date: __________ Date: __________
Advisor: __________ Advisor: __________
Student: __________ Student: __________
Date: __________ Date: __________
Advisor: __________ Advisor: __________
Student: __________ Student: __________

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**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.