CHEMISTRY with TTeaching 2009-2010

Department of Chemistry
201 Beury Hall
(215) 204-7118

Program Director: Dr. David Dalton &
Dr. James Byrnes
Master Teacher/Faculty Advisor: Dr. Herbert Green
Content Advisor: Dr. Robert Stanley,
Dr. Spiridoula Matsika, & Dr. David Dalton
Academic Advisor: Lisa Mathason
www.temple.edu/chemistry

CST Credit Requirements:
- A minimum of 124 total credits
- A minimum of 45 Upper Level (UL) within
  CST/CLA (College of Science & Technology/
  College of Liberal Arts)
- A minimum of 90 credits within CST/CLA
- A 3.0 grade point average is required to obtain a
  Pennsylvania teaching certificate
- The PRAXIS must be successfully completed in order to
  obtain a teaching certificate

The B.S. with Teaching in Chemistry is a “TTeach” program. It provides broad training in Chemistry,
and prepares students for a career in secondary school teaching.

Name: ___________________________ TU ID: ___________ Degree: BS

Bachelor of Science
Recommended Sequence of Major Courses:

☐ Calculus I: Math 1041
☐ General Chemistry I: Chem 1031
☐ General Chemistry Lab I: Chem 1033
☐ TTeach Step 1: CST 1189
☐ Calculus II: Math 1042
☐ General Chemistry II: Chem 1032
☐ General Chemistry Lab II: Chem 1034
☐ TTeach Step 2: CST 1289

☐ Calculus III: Math 2043
☐ Organic Chemistry I: 2201
☐ Organic Chemistry Lab I: 2203
☐ TTeach Knowing & Learning: Ed 2179
☐ General Physics I: Physics 2021F
☐ Organic Chemistry II: 2202
☐ Organic Chemistry Lab II: 2204
☐ General Physics II: Physics 2022S
☐ TTeach Classroom Interaction:
  Math or Sci Ed 2189

☐ Physical Chem Lecture I: Chem 3301
☐ Tech of Chem Measurement I: Chem 3196
☐ Intro to Chem Research Tech: Chem 3105
☐ TTeach Persp. on Science & Math: Phil 3XXX
☐ Physical Chem Lecture II: Chem 3302
☐ TTeach Research Methods
☐ TTeach Language & Literacy in Math & Science
☐ Make Appt. for a Graduation Review

☐ Inorganic Chemistry: Chem 4001F
☐ Techniques of Chem Measurement II: Chem 4196
☐ or Physical Chem Lab: Chem 4396
☐ TTeach Project-Based Instruction:
  Math or Sci Ed 4189
☐ TTeach Apprentice Training
☐ TTeach Apprentice Teaching Seminar

Math Placement Results: Math 701 Math 1021 Math 1022 Math 1041

NOTES:
F = Fall Only  S = Spring Only
Students must check the pre- and co-requisites for all
courses before registering.

*Please refer to the bulletin for Advanced Chem & Sci-
ence options and for information on ACS certification at
http://www.temple.edu/bulletin/Academic_programs/
academic_programs.shtm

The Undergraduate bulletin is the official source of
major requirements at www.temple.edu/bulletin

Suggested Courses:

Appt Date: / / Time: :
1810 Liacouras Walk, Suite 203

Revised on June 12, 2008
University Requirements

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

Gen Ed Curriculum

Freshman or Transfers w/ fewer than 45 credits:

- Analytical Reading and Writing
- Mosaic I
- Mosaic II
- Quantitative Literacy
- Arts
- Human Behavior
- U.S. Society
- World Society
- Race and Diversity
- Science and Technology
- Science and Technology

Bachelor of Arts (BA) Only

- 2nd level of a Language

Note: Gen Ed curriculum applies to all newly admitted freshman in Fall 2008 or after and for all transfer students admitted Fall 2010 and after.

Core Curriculum

For students starting as freshman or transferring fewer than 45 credits.

Traditional Core:

- English 802/812
- American Culture
- Arts
- Individual and Society
- Studies in Race
- Foreign Language 2nd level
- Foreign Language 3rd level
- International Studies
- International Studies
- Science and Technology (SA)
- Science and Technology (SB/GS)
- Quantitative Reasoning (QA/GQ)
- Quantitative Reasoning (QB/GQ)
- Intellectual Heritage 0851
- Intellectual Heritage 0852
- Writing Intensive Elective
- Writing Intensive Elective
- Writing Intensive in Major

B.S.  
2 International Studies (IS/GG) or 2nd level of a language + 2 IS/GG or 3rd level of a language + 1 IS/GG or Exemption

B.A.  
2nd level of a language or Exemption

For students receiving 45 or more credits in transfer.

Core 45+:

- English 802/812
- American Culture
- Arts
- Individual and Society
- Studies in Race
- Foreign Language 2nd level
- Foreign Language 3rd level
- International Studies
- International Studies

B.S.  
1 International Studies (IS/GG) or 2nd level of a language/Exempt or 3rd level/Exempt + 1 IS/GG

B.A.  

For students who have completed an approved Associate’s degree from a college that has an established transfer agreement.

- Writing Intensive Elective (Must be taken at Temple)
- Writing Intensive in Major (Must be taken at Temple)

B.A.—Must follow the traditional core foreign language/IS/GG requirements

All transfer students are required to complete the Library Skills Test (TILT) online at www.library.temple.edu.

Please consult with your assigned academic advisor if you have questions about the university curriculum you should be following.

The Undergraduate bulletin is the official source of University core or general education requirements at www.temple.edu/bulletin.