

Bachelor of Arts Degree Chemistry Major 2006-2007

Department of Chemistry

201 Beury Hall
(215) 204-7118

Chairperson: Dr. Robert Levis
Faculty Advisor: Dr. Donald Titus
www.temple.edu/chemistry

- 123 credits, 90 of which must be in CST/CLA courses
- 45 credits must be upper level (UL) coursework in either CST/CLA or UL course(s) that can be credited towards the CST major or declared CST 2nd major/minor requirement(s).
- Appropriate Core Curriculum requirements:
 - Traditional Core 45+ Core to Core
- Minimum of 2 courses numbered 100 or above in the College of Liberal Arts (CLA) _____ _____
- A recommended sequence of courses for the major is listed below:

Students must check the pre- and/or co-requisites before registering for courses.

First Year

- Calculus I (Math C085 or H095)
- Calculus II (Math 0086 or H096)
- General Chemistry I with Lab (C071/73 or C081/83)
- General Chemistry II with Lab (C072/74 or C082/84)

Second Year

- Organic Chemistry I with Lab (0121/3 or 0181/3)
- Organic Chemistry II with Lab (0122/4 or 0182/4)
- General [or Elementary Classical] Physics I (Physics 0121 [or C087])
- General [or Elementary Classical] Physics II (Physics 0122 [or C088])
- Calc III (Math 0127) **OR**
- Computer Programming in C (CIS C071)

Third Year

- Physical Chemistry Lecture I (Chem 0231)
- Intro to Chemical Research Techniques (Chem 0215)
- Techniques of Chemical Measurement I (Chem 0217)
- Physical Chemistry Lecture II (Chem 0232)

Fourth Year

- Writing Capstone Course (Chem W237 or W314)
Chem W237 can also count as an Advanced Science.
Chem W314 can also count as an Advanced Science or Advanced Chem.
- Advanced Chemistry Course (0301 or higher)
- Advanced Science Course* (Chem 0283 or 0293 (only one of these may count as an advanced science) 0301 or higher, or choose from: **Bio** 0203, W204, 0234, 0265 and above; **Physics** 0183, 0184, 0187, 0188, 0201, 0202, 0211, 0221, 0231 and above; **Geology** 0200 and above; **Math** 0147, W205, 0233, 0247 and above).

Traditional Core

For students starting as freshmen at Temple or transferring with fewer than 45 credits

- English C050 _____
- American Culture _____
- The Arts _____
- Individual and Society _____
- Studies in Race _____
- Foreign Language 2nd level* _____
- Foreign Language 3rd level* _____
- International Studies _____
- International Studies (non western)* _____
- Science and Technology (SA) _____
- Science and Technology (SB) _____
- Quantitative Reasoning (QA) _____
- Quantitative Reasoning (QB) _____
- Intellectual Heritage X051 _____
- Intellectual Heritage X052 _____
- Writing Intensive Elective _____
- Writing Intensive Elective (Must be taken at Temple) _____
- Writing Intensive in Major (Must be taken at Temple) _____

* B.A.

- 2nd level of a language + 2 IS (1 non western) or
- 3rd level/ Exempt[^] + 1 IS

Core 45 +

For students receiving 45 credits or more in transfer

- English C050 _____
- American Culture _____
- The Arts _____
- Individual and Society _____
- Studies in Race _____
- Science and Technology (SA or SB) _____
- Quantitative Reasoning (QA or QB) _____
- Intellectual Heritage X051 or X052 _____
- Writing Intensive Elective (Must be taken at Temple) _____
- Writing Intensive in Major (Must be taken at Temple) _____
- Foreign Language _____
- International Studies _____
- International Studies (non western) _____

* B.A.

- 2nd level of a language + 2 IS (1 non western) or
- 3rd level/ Exempt[^] + 1 IS

Core to Core

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

B.A. follow traditional core foreign language/IS requirement

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

Library Skills (TILT) www.library.temple.edu
(Must be taken in order to graduate)

[^]If English is your second language, speak with an advisor about possible exemption.
Revised 6/12/06