Earn your master’s degree in Chemistry in the College of Science and Technology through the Dual Bachelor’s Master’s Degree Program. Apply to Temple early during your third or fourth year of undergraduate studies and receive early admission into your graduate program. In five years, you can earn both your bachelor’s and master’s degrees.

**APPLICATION PROCESS**
- GPA 3.0 or higher (on a 4.0 scale)
- TOEFL iBT score of 88 or higher
- GRE waived
- Application deadline: March 15
- Decision by May 1

**ACADEMIC CALENDAR**
- Fall semester: August – December
- Spring semester: January – May

**TOTAL TUITION COST**
- Tuition is based on 30 credits required for completion of the master’s degree program.
- Tuition is calculated using out-of-state rates.

**SCHOLARSHIPS**
- First semester scholarship
- Second-fourth semester merit scholarships

**LIVING COST**
- $6,000 per semester (approximate)
- Housing, health insurance and book costs vary, depending on personal preference.

**TEMPLE BY THE NUMBERS**
- 38th Largest University in the U.S. & 5th largest provider of professional education in the nation
- 14:1 student-faculty ratio
- Top 4% of all U.S. 4-year universities as a Carnegie R1 research institution
- Fox School of Business #1 for Graduate Student Entrepreneurial Mentorship (U.S. News)

**PHILADELPHIA, PA**
- 5th largest city and 1st World Heritage City in the U.S.
- 150 km from New York City; 200 km from Washington, D.C.
- Top 15 for Best Affordable U.S. Destinations (U.S. News)
- 5th largest public transportation system in the U.S.
Graduate Students in the Department of Chemistry can choose from the list of courses below to satisfy the program’s degree requirements.

- **CHEM 5001** Advanced Inorganic Chemistry I
- **CHEM 5103** Advanced Instrumental Methods
- **CHEM 5107** Drug Analysis
- **CHEM 5108** Investigative Chemistry
- **CHEM 5201** Physical Methods in Organic Chemistry
- **CHEM 5202** Organic Reaction Mechanisms
- **CHEM 5205** Organic Syntheses
- **CHEM 5301** Quantum Chemistry
- **CHEM 5302** Statistical Thermodynamics
- **CHEM 5305** Chemical Kinetics
- **CHEM 5401** Biochemistry I
- **CHEM 5505** Advanced Polymer Structure and Properties

- **CHEM 5701** Teaching of Chemistry
- **CHEM 8200** Special Topics in Organic Chemistry
- **CHEM 8201** The Chemistry of Natural Products
- **CHEM 8202** Organometallic Chemistry
- **CHEM 8205** Heterocyclic Chemistry
- **CHEM 8210** Special Topics in Organic Chemistry
- **CHEM 8300** Special Topics in Physical Chemistry
- **CHEM 8301** Molecular Spectroscopy
- **CHEM 8310** Special Topics in Physical Chemistry
- **CHEM 8400** Special Topics in Biochemistry
- **CHEM 8501** High Polymer Chemistry
- **CHEM 8601** Analytical Separations

**CHEMISTRY CURRICULUM**

**PREREQUISITES FOR ADMISSION**

Background in Chemistry, Biochemistry, or a related field.

**YEAR 1-FALL**

- CHEM Graduate Course
- CHEM Graduate Course
- CHEM Graduate Course
- CHEM Graduate Course
- CHEM Graduate Course

**YEAR 1-SPRING**

- CHEM Graduate Course
- CHEM Graduate Course
- CHEM Graduate Course
- CHEM Graduate Course
- CHEM Graduate Course

**YEAR 2-FALL**

- CHEM Graduate Course
- Thesis Research
- CHEM Graduate Course
- Graduate Seminar

**YEAR 2-SPRING**

- CHEM Graduate Course

**TEMPLE UNIVERSITY GLOBAL PROGRAMS**

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