



# TEMPLE UNIVERSITY

## DUAL BACHELOR'S MASTER'S DEGREE PROGRAM

PHILADELPHIA, PENNSYLVANIA, USA

### MEDICINAL CHEMISTRY/DRUG DISCOVERY (THESIS-BASED AND NON-THESIS MS)

Earn your master's degree in Medicinal Chemistry/Drug Discovery through the Dual Bachelor's Master's Degree Program. Apply to Temple early during your third year of undergraduate studies and begin your graduate program at Temple during your fourth year. 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 79 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:** \$38,010 (30 credits/two years).  
\$45,612 (36 credits/two years). The graduate tuition rate for out of state students is \$1,267/credit.

#### SCHOLARSHIPS

- First semester scholarship
- Second-fourth semester merit scholarships

**LIVING COST:** \$6,000 per semester (approximate)

Housing, health insurance and book costs varies, depending on personal preference

#### TEMPLE UNIVERSITY

Founded in 1884, Temple University is a public research university located in Philadelphia, Pennsylvania.

STUDENTS: 39,000

ALUMNI: 275,000

SIZE: 28th largest university in the U.S. and the fourth largest provider of professional education in the nation.

CURRICULUM: 320 academic programs include 134 bachelor's programs, 121 master's programs, 56 doctoral programs and seven first-professional degree programs.

LOCATION: Main campus is 2.5km from Center City Philadelphia, accessible by bus, subway and rail lines; 160 km from New York City; 225 km from Washington D.C.

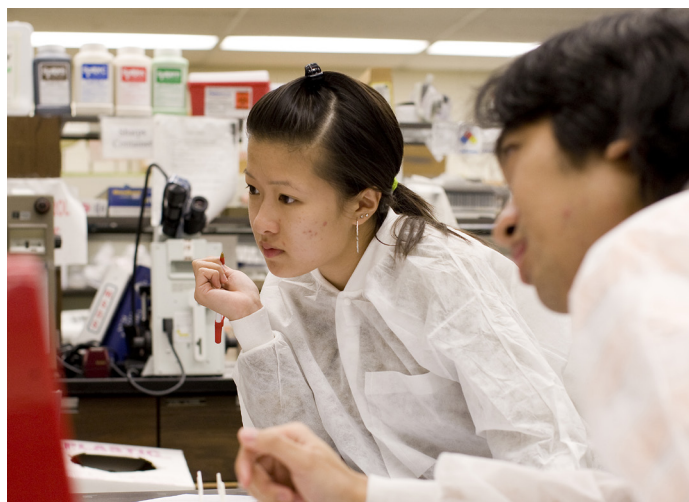
# MEDICINAL CHEMISTRY/DRUG DISCOVERY CURRICULUM

PRE-REQUISITES FOR ADMISSION	YEAR 1-FALL	YEAR 1-SPRING	YEAR 2-FALL	YEAR 2- SPRING
Background in Organic Chemistry, Biochemistry, Pharmacy, or related fields	PS 8203: Fundamentals of Biochemistry  CHEM 5202: Reaction Mechanisms  PS 8002: Pharmaceutical Analysis  PS 8121: Survey of Pharmaceutical Sciences	PS 8051: Seminar in Pharmaceutical Sciences  CHEM 5205: Organic Synthesis  PS 8127: Pharmacokinetics  STAT 5002: Introduction to Biostatistics	PS 8009: Advanced Medicinal Chemistry I  PS 8128: Principles of Drug Discovery  CHEM 5201: Physical Methods in Organic Chemistry  PS 8129: Bioethics in Research	PS 8403: Pharmacogenomics (2 credits)  PS 8000: Topics in Pharmaceutical Sciences*  PS 8051: Seminar in Pharmaceutical Sciences  Pharmacy or Chem Electives  Pharmacy or Chem Elective

\*opportunity to get practical training performing research in the lab of a department member (1-3 credits dependent on project)

**"THE ENTHUSIASM AND ENERGY THAT THE DBMD STUDENTS HAVE BROUGHT TO THE DEPARTMENT OF PHARMACEUTICAL SCIENCES HAS BEEN REMARKABLE. THEY HAVE INTEGRATED INTO STUDENT LIFE EXTREMELY WELL AND HAVE MADE EXCELLENT PROGRESS SINCE JOINING THE DEPARTMENT."**

CHAIR OF THE DEPARTMENT OF PHARMACEUTICAL SCIENCES AND DIRECTOR OF GRADUATE STUDIES AT THE SCHOOL OF PHARMACY  
DANIEL J CANNEY, PH.D.



## TEMPLE UNIVERSITY GLOBAL PROGRAMS

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