

# TEMPLE UNIVERSITY

## DUAL BACHELOR'S MASTER'S DEGREE PROGRAM

PHILADELPHIA, PENNSYLVANIA, USA

# BIOTECHNOLOGY

Earn your Professional Science Master's degree (PSM) in Biotechnology in the College of Science and Technology 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 90 or higher
- GRE waived
- Application deadline: May 1st
- Decision by June 1st

### ACADEMIC CALENDAR

- Fall semester: August – December
- Spring semester: January – May

### TOTAL TUITION COST: \$38,460 (two years)

Tuition is based on 30 credits required for completion of the master's degree program. The graduate tuition rate for out-of-state students is \$1,282/credit.

### SCHOLARSHIPS

- First semester scholarship
- Second-fourth semester merit scholarships available

### 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: 38th largest university in the U.S. and the fourth largest provider of professional education in the nation.

CURRICULUM: 404 academic programs include 142 bachelor's programs, 125 master's programs, 59 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.

# BIOTECHNOLOGY CURRICULUM

| PRE-REQUISITES FOR ADMISSION                                                  | YEAR 1-FALL                                                                                                                                           | YEAR 1-SPRING                                                                                                                                                                                                                           | YEAR 2-FALL                                                                                                | YEAR 2- SPRING |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------|
| Prior coursework in Physics, Chemistry or Biology with a GPA of 3.0 or above. | BIO 5501: Analytical Biotechnology<br><br>BIO 5521: Nucleic Acid Technologies<br><br>BIO 5503: Biotechnology Lab I<br><br>BIO 5505: Ethics and Policy | BIO 5502: Microbial Biotechnology<br><br>BIO 5504: Biotechnology lab II<br><br>Any approved Bioinformatics or Genomics course<br><br><b>SUMMER</b><br><br>Professional Development Seminar 5506 (1 credit)<br>*Capstone 9995 (1 credit) | BIO 5479: Current Topics in Biotechnology<br><br>CEE 5793: Environmental Biotechnology<br><br>Bio Elective | Capstone 9995  |

**The table above represents examples of the curriculum.**

All students have an adviser who can custom tailor the program to their needs and desired completion date.

“WE ARE VERY PLEASED TO OFFER TALENTED DBMD STUDENTS THE OPPORTUNITY TO RECEIVE REAL-WORLD TRAINING THROUGH THE PSM IN BIOTECHNOLOGY PROGRAM.”

COORDINATOR OF PSM PROGRAMS IN DEPARTMENT OF BIOLOGY, SEEMA FREER, PHD



Students from the Biotechnology program, Spring semester 2016

## TEMPLE UNIVERSITY GLOBAL PROGRAMS

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