

TEMPLE UNIVERSITY

DUAL BACHELOR'S MASTER'S DEGREE PROGRAM

PHILADELPHIA, PENNSYLVANIA, USA

BIOINFORMATICS

Bioinformatics is a joint program offered by the Departments of Biology, Chemistry, and Computer & Information Sciences in the College of Science and Technology. 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

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.

BIOINFORMATICS CURRICULUM

PRE-REQUISITES FOR ADMISSION	YEAR 1-FALL	YEAR 1-SPRING	YEAR 2-FALL	YEAR 2- SPRING
Prior coursework in Computer Sciences, Physics, Chemistry or Biology with a GPA of 3.0 or above	BIO 5403: Genomics BIO 5411: Structural Bioinformatics I CIS 5015: Scripting for Science and Business	CHEM 5412: Structural Bioinformatics II BIO 5509: Computational Genomics Elective or approved seminar course	BIO 5511: Ethics in Bioinformatics BIO 5506: Professional Development BIO 5312: Biostatistics BIO 9995: Independent Research Pt. 1	BIO 9995: Independent Research Pt. 2 Elective or approved seminar course

The table above represents examples of the curriculum. All students receive an advisor who can custom tailor the program to their needs and desired completion date.

“THE DBMD SCHOLAR WILL BENEFIT FROM THIS INTERDISCIPLINARY CURRICULUM OF THE PSM PROGRAM IN BIOINFORMATICS WHICH IS A JOINT EFFORT BETWEEN THREE DEPARTMENTS IN THE COLLEGE OF SCIENCE AND TECHNOLOGY: BIOLOGY, CHEMISTRY AND COMPUTER AND INFORMATION SCIENCE.”

PROFESSORS AND CO-DIRECTORS OF PSM IN BIOINFORMATICS, JODY HEY AND RON LEVY



TEMPLE UNIVERSITY GLOBAL PROGRAMS

1801 N. Broad St.
403 Conwell Hall
Philadelphia, PA 19122 U.S.A.
P. +1-215-204-9570
Email: global.programs@temple.edu
Web: www.temple.edu/international/GP