Earn your master’s degree in Computational Data Science through the Dual Bachelor’s Master’s Degree Program. Apply to Temple 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 85 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
Tuition is based on 30 credits required for completion of the master’s degree. 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
• 42nd 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
• Top University for International Students (U.S. News and World Report)

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.
• #2 Best Place to Visit in the US (U.S. News and World Report)
• 5th largest public transportation system in the U.S.
**COMPUTATIONAL DATA SCIENCE**

**PREREQUISITES FOR ADMISSION**

One year programming and data structures using C++ or Java. One year theoretical calculus. Applicants without a bachelor’s degree in a related discipline will need additional prerequisites.

**YEAR 1-SPRING**

- **CIS 5512**: Operating Systems*
- **CIS 5642**: Computer Architecture*
- **CIS 5516**: Principles of Data Management*

**YEAR 1-FALL**

- **CIS 5511**: Programming Techniques
- **CIS 5515**: Design and Analysis of Algorithms
- **CIS 5526**: Machine Learning

**YEAR 2-FALL**

- **CIS 5523**: Knowledge Discovery and Data Mining
- **CIS 5603**: Artificial Intelligence*
- **CIS 5538**: Text Mining and Language Processing*

**YEAR 2-SPRING**

- **CIS Capstone Project**

*Elective classes. The table above represents an example of coursework. All students receive an adviser that can custom tailor the program to their needs and desired completion date.

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**TEMPLE UNIVERSITY GLOBAL PROGRAMS**

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