Temple University
DUAL BACHELOR’S MASTER’S DEGREE PROGRAM
Philadelphia, Pennsylvania, USA

COMPUTER AND SYSTEMS SECURITY

Earn your Professional Science Master’s degree (PSM) in Computer and Systems Security in the College of Engineering 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
Graduate Program Requirements
• 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
Tuition is based on 30 credits required for completion of the master’s degree. Tuition is calculated using out-of-state rates.

SCHOLARSHIPS
Available scholarships include first semester and second to 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.
### PREREQUISITES FOR ADMISSION

Science, Technology, Engineering, or Math (STEM) background. If no STEM background, additional coursework may be required.

### YEAR 1-SPRING

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ECE 5526</td>
<td>Engineering Principles of Computer Intrusion and Detection</td>
</tr>
<tr>
<td>ECE 5538</td>
<td>Hardware and Industrial Control System Security</td>
</tr>
<tr>
<td>ECE 5574 (Elective)</td>
<td>Certificate Preparation for Cisco Networking Academy®</td>
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</tbody>
</table>

### YEAR 1-FALL

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ECE 5516</td>
<td>Introduction to Communication Networks</td>
</tr>
<tr>
<td>ECE 5528</td>
<td>Introduction to Cryptography and Information Security</td>
</tr>
<tr>
<td>ECE 5568</td>
<td>Engineering Project Quality and Risk Management, and ISO Standards</td>
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### SUMMER 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ECE 5575 (Elective)</td>
<td>Internship/Capstone Projects</td>
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</tbody>
</table>

### YEAR 2-FALL

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ECE 5564</td>
<td>Cloud Computing Security</td>
</tr>
<tr>
<td>ECE 5566 (Elective)</td>
<td>Forensics for Cyber Physical Systems</td>
</tr>
<tr>
<td>ECE 5572 (Elective)</td>
<td>Certificate Preparation for CISSP-ISSEP®</td>
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The table above is only an example. All students receive an advisor who can customize the program to their needs and completion date.

“Our international students are engaged and performing beautifully. In this career ready program, students learn cutting-edge technical knowledge, practical skills in the labs, and how to excel in a corporate environment. They appreciate industry experts as professors and find great value in the internship opportunities.”

Shiangling Wu, Program Director, Professional Science Master in Computer and Systems Security, Electrical and Computer Engineering, Temple University

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**TEMPLE UNIVERSITY GLOBAL PROGRAMS**

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