Courses and Prerequisites for Temple's Professional Master’s Program in Security

**Undergraduate Prerequisites at TEMPLE**

- Math 1022 Pre-Calculus
  - or placement
- CIS 1166 Math Concepts I (day/only)
  - or placement
- CIS 2168 Data Structures (day/night)
  - or placement
- CIS 2229 Architecture, Operating Systems, and Networking (day only) or related work experience
  - or placement
- Math 1021 College Algebra
  - or placement
- CIS 1068 OO Program Design (day/night)
  - or placement

**10 Graduate Courses – TEMPLE (all are night courses)**

- CIS 5107 Computer Systems Security & Privacy (fall)
- Elective (spring)
- Elective (fall)
- CIS 5405 Intro to Digital Forensics (fall)
- CIS 5415 Ethical Hacking & Intrusion Forensics (spring)
- CIS 5425 Audit & Compliance for Security & Digital Forensics (fall)
- CIS 5003 Networking and Operating Systems (fall)
- Elective (spring)
- Elective (fall)
- Capstone in Cyber Defense & Info Assurance

**Graduate Elective Courses May Include:**

- MIS 5211 Ethical Hacking
- OR CIS Ethical Hacking & Intrusion Forensics-II
- CIS 5637 Network & Information Security
- CIS 5210 Seminar in Information Science and Technology (Security Topics approved by the PSM Director)
- CIS 9182/9282 Independent Study (Security Related)
- ECE 5528 Introduction to Cryptography & Information Security
- LAW 0433 Cyberspace

**Placement Into Pre-Calc**

- Placement Into Pre-Calc
- CSCI 111 Computer Science I with java
- CSCI 112 Computer Science II with java
- CSCI 211 Data Structures

**Undergraduate Prerequisites – Community College of Philadelphia (Alternative Option)**

- CIS 150 Networking Technology