

# COMPUTER SCIENCE MINOR

CSCI 495 Computer Science Honors Thesis

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Computer Science minors must complete a minimum of 6 one-semester courses in computer science. In addition all minors must complete the equivalent of one semester of calculus.

## Department Advanced Placement Policy

### AP Calculus

Students who have received a score of 4 or 5 on the AP Calculus AB exam, or a subscore of 4 or 5 on the AP Calculus BC Exam, will earn credit for MATH 135 Calculus 1. Students will forfeit their credit if they opt to take MATH 133 Calculus 1 with Fundamentals or MATH 135 Calculus 1. Students who receive a score of 4 or 5 on the AP Calculus BC exam will earn credit for MATH 136 Calculus 2. Students will forfeit their credit if they opt to take MATH 133 Calculus 1 with Fundamentals, MATH 135 Calculus 1 or MATH 136 Calculus 2.

### AP Computer Science

Students who have received a score of 4 or 5 on the AP Computer Science A exam will earn one unit of credit for CSCI 131 Techniques of Programming and are advised to take CSCI 132 Data Structures. Students will forfeit their AP credit if they opt to take CSCI 110 Survey of Computer Science or CSCI 131 Techniques of Programming.

## Requirements

**Code Title**

### Required courses:

MATH 135	Calculus 1 (or equivalent)
CSCI 131	Techniques of Programming
CSCI 132	Data Structures
CSCI 135	Discrete Structures
	or MATH 243 Mathematical Structures
CSCI 226	Computer Systems & Organization

### Select one of the following options:

#### Option 1:

CSCI 235	Analysis of Algorithms
	One 300-level course (see list below).

#### Option 2:

	Two 300-level courses.
CSCI 307	Data Mining
CSCI 324	Programming Languages: Design and Implementation
CSCI 325	Computer Security
CSCI 327	Databases
CSCI 328	Ethical Issues in Computer Science
CSCI 343	Computer Graphics
CSCI 345	Theory Of Computation
CSCI 346	Operating Systems
CSCI 347	Artificial Intelligence
CSCI 356	Computer Networking
CSCI 363	Computational Vision
CSCI 364	Compiler Construction
CSCI 400	Directed Reading
CSCI 410	Directed Project