

# COMPUTER AND INFORMATION SCIENCE AND ENGINEERING MINOR UF ONLINE

This minor provides the academic background in the application of computers to scientific and engineering problems and prepares students for graduate study in computer-related disciplines.

## About this Program

- **College:** Herbert Wertheim College of Engineering (<http://catalog.ufl.edu/UGRD/colleges-schools/UGENG/>)
- **Credits:** 20-24 | Completed with minimum grades of C

## Department Information

The mission of the Department of Computer & Information Science & Engineering is to educate students, as well as the broader campus community, in the fundamental concepts of the computing discipline; to create and disseminate computing knowledge and technology; and to use expertise in computing to help society solve problems.

Website (<https://www.cise.ufl.edu/>)

## CONTACT

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E301 CSE BUILDING

GAINESVILLE FL 32611-6120

Map (<http://campusmap.ufl.edu/#/index/0042>)

## Curriculum

- Combination Degrees
- Computer and Information Science and Engineering Minor
- Computer and Information Science and Engineering Minor UF Online
- Computer Science UF Online
- Computer Science | CLAS
- Computer Science | Herbert Wertheim College of Engineering
- Digital Arts and Sciences | Bachelor of Science

This minor requires a minimum 2.5 grade point average to apply for admission.

## Majors Not Eligible for this Minor

- Computer engineering, computer science, and digital arts and sciences majors (CEN, CSE, CEE, DAS) in the CISE and ECE departments
- Computer science majors (CSC) in the College of Liberal Arts and Sciences

## Required Courses

Code	Title	Credits
CDA 3101	Introduction to Computer Organization	3
Select one:		4-8
COP 3502C & COP 3503C	Programming Fundamentals 1 and Programming Fundamentals 2	

COP 3504C	Advanced Programming Fundamentals for CIS Majors	
COP 3530	Data Structures and Algorithm	3
COP 4600	Operating Systems	3
COT 3100	Applications of Discrete Structures	3
MAC 2312	Analytic Geometry and Calculus 2	4
<b>Total Credits</b>		<b>20-24</b>

*At least three of the CDA, CIS, COP, and COT courses must be taken at UF.*