

# Minor In Computer Science

## Degree Requirements

(23 hours) A student wishing to obtain a minor in Computer Science must complete all courses shown below with a minimum grade of "C".

Course	Course Title
CSC 120	Problem Solving and Programming Concepts
CSC 228	Digital Logic and Computer Architecture
CSC 231	Introduction to Data Structures and Algorithms
CSC 311	Networking and Communications
CSC 322	Operating Systems
CSC 332	Advanced Data Structures and Algorithms
<b>And one course from</b>	
CSC 320	Computer Organization and Architecture
CIS 324 or CSC 324	Database Design, Development, and Management Database Concepts
CSC 331	Software Engineering Principles (W)

\*At least 9 hours of courses in the minor, including all 300 level courses, must be completed at the University of South Alabama.

## Department Information

### Department of Computer Science Staff

Professor & Computer Science Chair

Dr. Todd Andel

[Department of Computer Science website](https://www.southalabama.edu/colleges/soc/computerscience)  
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Computer Science is a discipline that involves the understanding and design of computers and computational processes. In its most general form, it is concerned with the understanding of information transfer and transformation. Particular interest is placed on making processes efficient and endowing them with some form of intelligence. The discipline includes both advancing the fundamental understanding of algorithms and information processes in general, as well as the practical design of efficient, reliable software to meet given specifications. Courses offer students the opportunity to explore current trends in computing such as: cyber security, artificial intelligence, machine learning, big data, video game development, computer graphics and robotics.