

## Computer Science

Computer Science is the study of computers, including their design, operation, and use. It combines both theoretical and practical applications of engineering, electronics, information theory, mathematics, logic, and human behavior. Our curriculum is structured to provide you with a solid foundation in areas such as:

- Programming Languages
- Data Structures
- Operating Systems
- Systems Software
- Networking
- Graphics
- Artificial Intelligence
- Computer Architecture
- Software Engineering
- Databases
- Mathematics
- Logic & Problem Solving

### Contact Information:

Department of Math & Computer Science

[www2.una.edu/math](http://www2.una.edu/math)

(256) - 765 - 4286

Association for Computing Machinery

[www2.una.edu/acm](http://www2.una.edu/acm)



Produced by:  
**UNA Chapter of  
Association for Computing Machinery**

ACM serves a membership of computing professionals and students in more than 100 countries in all areas of industry, academia, and government. The local chapter of ACM attempts to provide a community forum for students to enrich their education experience while attending UNA.

[www.una.edu](http://www.una.edu)



**University of  
North Alabama**



# COMPUTER SCIENCE



“Programming is the only job I can think of where I get to be both an engineer and an artist.”

- A. Hertzfeld

*So you're interested  
in Computing?*

## Pick Your Major



There are really  
three different  
types of  
Computer  
Majors...

- **Computer Engineering** deals with the hardware components of computers (development and design of the circuitry of the machines themselves).
- **Computer Science** focuses primarily on the software engineering, development, and design.
- **Computer Information Systems** (also known as Management Information Systems [MIS]) deals with data processing and the use of information in business.

## Why Computer Science?

Computer Science offers a challenge to those students who enjoy problem solving and want to study a field with cutting-edge technology that is rapidly changing. With a degree in Computer Science, you will enter a world with endless opportunities ranging from the entertainment to the aerospace industries.



## Job Outlook

Some of the exciting opportunities include:



**Average Starting Salaries:**  

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**\$45,000 - \$55,000**

- Software Engineer
- Computer Programmer
- Systems Analyst
- Network Administrator
- Game Developer
- Database Administrator
- Educator
- Researcher
- Web Site Designer/Administrator

*Statistics courtesy of Salary.com*

## Why UNA?

- Personal and friendly atmosphere
- Beautiful campus
- Average class size of 25
- Outstanding faculty
- 21:1 student-faculty ratio
- Diverse student population
- Exciting campus life
- Competitive tuition rates
- Located in Historic Downtown

Florence on the banks of the  
Tennessee River.

