Top Five Reasons to major in CIS

1. **Plentiful and well-paid jobs**
   Demand for IT workers is high and the supply is low.

2. **Rewarding**
   Help people solve difficult business problems.

3. **Versatile and mobile**
   Work anywhere, in any industry.

4. **Creative and innovative**
   Do cool things! Create new stuff!

5. **Fun**
   Dynamic, fast, and never boring.

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More Information
To learn more about the CIS program, visit [www.cse.sc.edu/cis](http://www.cse.sc.edu/cis)
To learn more about the Computer Science and Engineering (CSE) Department, visit [www.cse.sc.edu](http://www.cse.sc.edu)

Direct questions about the CIS program to:
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College of Engineering and Computing
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803.777.2895

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“There is no longer a segment of business which is not heavily impacted by Computer Information Systems. I have had the unique opportunity to start, manage, and own business in technology, software, education, non-profit, and retail sectors. The only thing they have in common is an exponentially increasing need for Computer Information Systems expertise. This expertise will be a difference maker for USC graduates seeking employment in today’s economy.”

Stephen A. Leight
Managing Director, UberResearch Member
CSE Industrial Advisory Award
What is CIS?

Computer Information Systems (CIS) is the intersection of people, technology, and organizations. The CIS major produces leaders who initiate, design, and apply technology in organizations to transform business functions, produce innovative products and services, and help manufacture, sell, service, and promote those products and services. Because every business needs CIS and information technology (IT) experts, our students graduate with multiple job offers, earn high starting salaries, and advance fast in their careers.

The CIS major combines computing courses (software, databases, networks, and hardware) from the Computer Science and Engineering (CSE) department with a minor in Business Information Management from the Darla Moore School of Business. This integration of technical skills with business knowledge uniquely qualifies CIS majors to help organizations leverage technology to solve business problems and gain strategic advantage.

To learn more information about the CIS program, check out our website at www.cse.sc.edu/cis.

What kinds of people pursue CIS?

Successful CIS professionals tend to share certain traits. Do these describe you? If so, then our CIS major is for you!

- Are good problem solvers
- Like to work with people
- Can think strategically about technology
- Like responsibility for developing and then implementing their ideas
- Can bridge both technology and business
- Can see both details and the big picture
- Are excellent communicators
- Can manage time and resources well

What jobs do CIS graduates go into?

CIS professionals work in a wide variety of industries, including: banking, broadcasting, education, health-care, high tech, insurance, music, media, gaming, government, retail, surveillance – just about every industry depends on CIS. Some common job titles include:

- Systems/Business Analyst
- Database Administrator/Manager
- Information Systems Manager
- Network Manager
- Application Developer / Web Developer
- Information Security Analyst
- Business Intelligence and Data Analyst
- Social Media Analyst
- IT consultant
- Computer Support Specialist
- Systems Architect

Why is CIS unique?

All computing majors in the CSE Department learn the programming skills necessary to become effective software developers. However, the CIS major is unique in that it requires:

- A Business Information Management minor from the Darla Moore School of Business
- Courses in cyber security, networking, and data management
- Practical business mathematics and statistics (MATH 122, STAT 515/516) rather than science-focused calculus courses
- Only two laboratory science courses

CIS majors can also complete an information assurance specialization that enables them to handle real world cyber security challenges and increase their career opportunities.

What courses do CIS majors take?