Which Computing Major is Right for Me?

**Computer Science**

The work of computer scientists falls into three categories: designing and implementing software; devising new ways to use computers; and developing effective ways to solve computing problems. Computer Science majors at Towson University develop specialized knowledge and skills highly valued by employers.

The curriculum is both focused and flexible, with options that will prepare you for either careers in government, business, industry and education, or further study in graduate school.

**Two Specialized Tracks:**
Cyber Operations
Software Engineering

**Information Systems**

Information Systems (IS) focuses on solving organization and enterprise needs by integrating key aspects such as people, processes, and policies into comprehensive applied technical solutions, which are often related to decision making, coordination, control, analysis, or data visualization.

IS professionals must understand both technical and organizational factors, and serve as a bridge between the technical and management communities within an organization.

This program is a great fit if you like technology and enjoy working with people. Graduates of the Information Systems major are prepared for in-demand careers with a highly marketable combination of technical, organizational, and behavioral skills.

**Four Specialized Tracks:**
Data Analytics
Systems
Business
Interface Design

**Information Technology**

Information Technology is an umbrella term often used to collectively refer to all computing disciplines. It is also a specific field of study focused on designing, implementing and supporting informational infrastructure. This includes performing service on websites and networks. Students will also learn how to support organizations such as businesses, governments, schools, and healthcare organizations.

IT majors at Towson University develop a combination of specialized knowledge and practical hands-on skills preparing them to enter the workplace as an IT professional and grow into leadership positions or pursue graduate studies in the IT field.

**IT Career Roles include:**
Technical / End User Support
Web Development
Project Management
System Administration
Network Administration
Cloud Administration

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