

### • MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY

## **Computer Options**

Information Science and Technology

Computer Science

Computer Engineering



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## **Computer Options Panelists**

#### **Prof. Carla Bates**

Assistant Teaching Professor, Information Science and Technology

#### **Dr. Daniel Tauritz**

Associate Professor and Associate Chair, Computer Science

#### **Dr. Joe Stanley**

Associate Professor and Associate Chair, Computer Engineering



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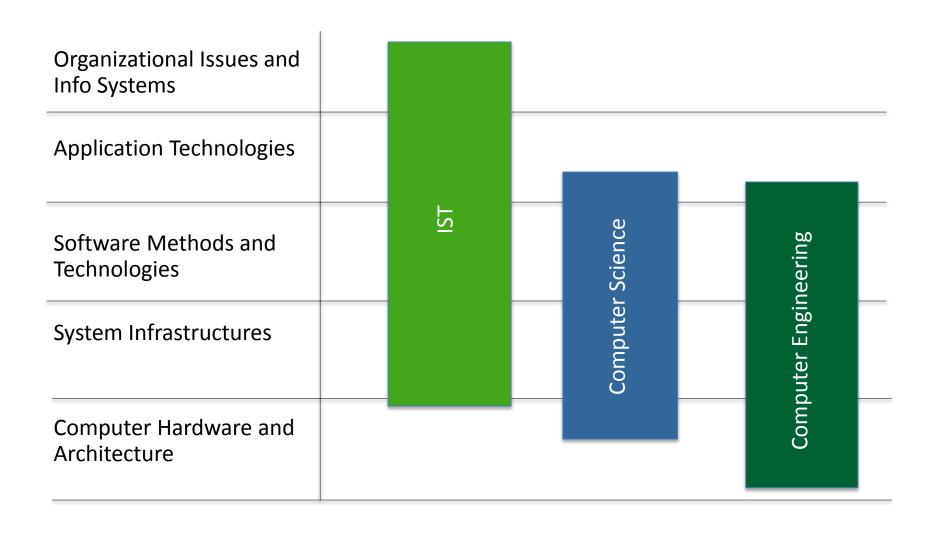
IST

Computer Science

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## Information Science and Technology (IST)

- Are you interested in solving business problems, web design, mobile apps, and networks?
- IST professionals bridge the gap between CREATORS and USERS.
- IST is a good fit if you enjoy the following:
  - Working with both people and computers.
  - Solving problems using computer technology.
  - Using high level interactive software modeling tools.
  - Designing and creating computer applications for business users.



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#### **Computer Science**

- Are you interested in computational problem solving or software development?
- Computer Scientists design software to solve complex societal problems.
- Computer Science, together with Mathematics, is the foundation for all the engineering and science disciplines.
- Computer Science is a good fit if you enjoy the following:
  - Creative problem solving.
  - Abstract thinking and mathematics.
  - Computer programming (coding).



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### **Computer Engineering**

- Are you interested in using computer technology for problem solving?
- Computer Engineers have software and hardware backgrounds to work with various aspects of computer-based systems.
- Computer Engineering is a good fit if you enjoy the following:
  - Hands-on activities working with computer hardware.
  - Learning how a computer works.
  - Using hardware and software tools to see your computer-based design come to life.



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Your questions please.