

# COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS

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### Departments

- Biological Sciences
- Engineering & Computing Sciences
- Mathematics & Statistics
- Physical & Earth Sciences

### Programs of Study

The College of Science, Technology, Engineering, and Mathematics offers programs of study leading to baccalaureate degrees as listed below:

#### Bachelor of Science

Applied Statistics

Actuarial Science

Data Science

Biology with options in:

Biomedical

General

Chemistry with A.C.S. approved options in:

Biochemistry

Environmental

General

Professional

Computer Science

Computer Science Education

Cybersecurity

Engineering Physics

Environmental Science

Fisheries & Wildlife Science\*

Geology with options in:

Environmental

Petroleum

Professional

Information Technology

Mathematics

Medical Laboratory Science

Physics

#### Secondary Education with Teacher Licensure in:

Chemistry

Life Science

Mathematics

Physics  
Computer Science

**Bachelor of Science in Computer Engineering**

[Computer Engineering](#)

**Bachelor of Science in Electrical Engineering**

[Electrical Engineering](#)  
[Electrical Engineering with Biomedical Option](#)

**Bachelor of Science in Mechanical Engineering**

[Mechanical Engineering](#)

**Associate of Applied Science**

[Information Technology](#)  
[Cybersecurity](#)

**Associate of Science in Nuclear Technology**

[Nuclear Technology](#)

**Associate of Science in Manufacturing**

[Manufacturing](#)

**Certificates of Proficiency**

[Computer Networking](#)  
[Computer Programming](#)

**Mission**

The mission of the College of Science, Technology, Engineering, and Mathematics is to provide support and oversight of our high-quality accredited Associate, Bachelor of Science and Masters of Science degree programs.

**Vision**

The vision of the College is to be recognized for providing high-quality educational opportunities which: prepare students for their chosen profession, provide a fundamental broad-based education, and develop educated citizens with an aspiration for life-long learning.

**Core Values**

The College of Science, Technology, Engineering, and Mathematics values integrity first, service to constituents and excellence in preparing graduates for life.

**Principles**

The College of Science, Technology, Engineering, and Mathematics:

- Values scholarly activity, especially as it relates to the enhancement of teaching and its positive affect on high-impact student learning,
- Values service to the University and to the local, regional, state and professional communities,
- Seeks to demonstrate to students, and instill in them, high ethical standards of personal and professional conduct,
- Strives to achieve continuous improvement through rigorous assessment processes,
- Endeavors to equip students with the interdisciplinary, technical, and critical-thinking skills necessary to develop workable solutions to complex problems.

The College is composed of four (4) academic departments: Biological Sciences, Engineering & Computing Science, Mathematics and Statistics, and Physical & Earth Sciences. These departments offer programs of study leading to associate and baccalaureate degrees. Some departments offer masters degrees.