THE UNIVERSITY OF SOUTHERN MISSISSIPPI

founded in 1910
The College of Science and Technology at Southern Miss

2014-2015 enrollment
2,813 undergraduate students
590 graduate students
Served by 190 faculty members

Source: http://www.usm.edu/institutional-research/fact-books-2014-2015
Southern Miss:
- Top-flight educational experiences
- Ambitious students
- Outstanding scholars
- Cutting-edge research
- Committed to creating a stimulating environment of discovery and success
Total Enrollment

• Southern Miss is home to nearly 15,000 students from 50 states and 70 countries and is the only dual campus university in Mississippi
University Locations

• Southern Miss provides educational opportunities in Hattiesburg and Long Beach

• Five teaching and research sites along the Mississippi Gulf Coast
Mississippi Gulf Coast

• Gulf Coast Research Lab in Ocean Springs
• Stennis Space Center
• Center for Logistics, Trade, Transportation
Academics

- The College of Science and Technology at Southern Miss supports honors students
- Southern Miss has one of the oldest honors colleges in the United States
Research

• University annual research funding is nearly 59 million
• Funding supports a research in a variety of areas including marine aquaculture, polymer coatings, functional genomics and nanomaterials

Source: http://www.usm.edu/about/vice-president-research
CoST Administration

Dean
Dr. David T. Hayhurst

Associate Dean
Dr. Mohamed Elasri

Associate Dean
Dr. Douglas Masterson

Associate Dean Gulf Coast
Dr. Jennifer Walker
Academic Departments

- Biological Sciences
- Chemistry and Biochemistry
- Coastal Sciences
- Criminal Justice
- Computing
- Construction
Academic Departments

- Geography & Geology
- Human Capital Development
- Marine Science
- Mathematics
- Physics and Astronomy
- Polymers and High Performance Materials
- Center for Science and Math Education
Preprofessional Programs

- Cytotechnology
- Dental Hygiene
- Dentistry
- Health Informatics and Information Management
- Medicine
- Occupational Therapy
- Optometry
- Pharmacy
- Physical Therapy
- Physician Assistant
- Radiologic Sciences
- Veterinary Medicine

Students take coursework at Southern Miss, then transfer to UMMC in Jackson, MS.
Nationally and internationally recognized faculty have the talent and expertise to give students a world-class course of study to groom them to be leaders in their fields.
Gain real-life experience by working alongside professors, gaining valuable knowledge that can lead to employment following graduation, teacher certification, or can serve as strong preparation for admission to excellent graduate schools around the country.
Variety of programs to meet the ever-evolving needs of the industrial and fast-paced technological worlds.
Bachelor of Science in Applied Technology

The program meets Mississippi’s need to provide community and junior college graduates with associate degrees in career and technical programs with an appropriate corresponding baccalaureate degree.

- Approved by IHL November 2006 – 79+ completers
- Approved Fall 2014 as fully online degree program
Applied Technology Degree Requirements

- 30–36 hours of technical courses from a community college career and technical program (with /without associates degree).

- 120 hours are needed to graduate with a BS in Applied Technology.

- At least 50 percent of the must be earned from a senior college.
Major Requirements (42 HRS)

**Fundamental Business Skills**
- ACC 200 – Introduction to Financial Accounting
- MGT 300 – Management for Organizations
- MIS 300 – Management Information Systems
- MKT 300 – Principles of Marketing

**Computer Skills**
- CSC 309 – Computers and Society
- CSS 331 – Visual Basic
  - IT 361-Computer Applications in Business Technology
- CSS 333– Programming
  - IT 363-Computer Applications in Business Technology
- CSS 404 – Internet Concepts
  - IT 375- Web-Based Tools

**Industrial Engineering Technology**
- IET 405 – Production and Inventory Control
- IET 406 – Industrial Automation
- IET 414 – Project Management

**Human Capital Development**
- APT 400 – Applied Technology Leadership
- HCD 460 – Performance Technology
- APT 410 – Applied Technology
Ultimate Goal: Graduation
Thank You

The University of Southern Mississippi
College of Science and Technology

Global research.
Powerful impact.
Making Science and Technology Relevant in Today’s World.