

Graduate Students

Degrees Conferred, 2011 477
Enrollment

Research Expenditures
from Industry / Private Funding



Academic Departments

BIOENGINEERING

22 Faculty • 732 Undergraduate Students • 208 Graduate Students
A leader in systems biology, regenerative medicine, and multi-scale bioengineering focused on understanding, diagnosis and treatment of human disease.



COMPUTER SCIENCE & ENGINEERING

48 Faculty • 1,202 Undergraduate Students • 361 Graduate Students
Strengths include machine learning, databases, graphics and vision, systems and networking, security and cryptography, software engineering, bioinformatics, computer architecture, embedded systems, and theoretical computer science.



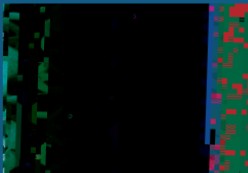
ELECTRICAL & COMPUTER ENGINEERING

46 Faculty • 668 Undergraduate Students • 428 Graduate Students
A leader in information technology and communications, as well as network infrastructure, embedded systems, electronic circuits and systems, photonic devices and systems, electromagnetics, electronic devices and materials, nano-electronics/nano-photonics, signal processing and intelligent systems, bionanotechnology, energy generation and conversion, and magnetic and optical storage.



MECHANICAL & AEROSPACE ENGINEERING

40 Faculty • 1,144 Undergraduate Students • 344 Graduate Students
This interdisciplinary department covers mechanical, aerospace and environmental engineering. Faculty are leaders in fluid mechanics, solid mechanics and materials as well as systems and controls. Their research addresses Research related to materials science for th infrastructural renewal, structural health monitoring, composite and nano-materials and lightweight structural systems, and risk engineering.



IDEA STUDENT CENTER

MASTER OF ADVANCED STUDY

Five interdisciplinary master's programs provide technical executive education for engineering professionals.

These master's degree programs focus on industry-specific application areas not available through traditional master's degree programs.

Degrees can be completed in 12 months or less.