As a member of one of the country’s top-tier research universities, the College of Engineering & Computing (CEC) is actively engaged in cutting-edge studies and education and is home to top-level research laboratories and facilities. CEC has two schools — Moss School of Construction, Infrastructure and Sustainability, and the School of Computing and Information Sciences — and four departments — Biomedical Engineering, Civil and Environmental Engineering, Electrical and Computer Engineering, and Mechanical and Materials Engineering.

### By the Numbers

1. **Top 100**
   - Total Engineering R&D Expenditures among 640 schools
   - Female master’s students enrolled
   - Job Placement: Spring 2018 graduates are employed
   - Professional degrees and certificate programs offered
   - 30% of our faculty are fellows in their societies
   - 25% million in annual research expenditures

2. **Highest percentage of doctoral degrees to foreign nationals**

3. **Highest in Computer Science (inside Eng.) Degrees awarded by school**

4. **Faculty members belong to the National Academy of Inventors**

For more information contact:
- Email: iadmiss@fiu.edu
- Whatsapp: 786-702-0031

Florida International University
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FIUEngineeringAndComputing

[View Website](http://engineering.fiu.edu)
FIU’s Enterprise and Logistics Engineering (ELE) program offers several signature programs, both online and face-to-face, preparing students and professionals with broad knowledge and skills, combining business and engineering, to meet industry’s needs. Ranked #16 for best online master’s degree in engineering management by Best College Reviews, ELE connects program participants with industry leaders, exposing them to practical knowledge and insider expertise.

As a part of the College of Engineering & Computing, students enjoy experiential learning opportunities and close interaction with Worlds Ahead faculty. Through internship opportunities in the industry and hands-on research activities in cutting-edge laboratories, graduates are prepared to hit the ground running in their chosen careers.

RESEARCH
The Enterprise and Logistics Engineering (ELE) Programs Office is a leading center at FIU for the advancement and dissemination of enterprise & logistics engineering knowledge. Faculty members conduct both basic and applied research in the areas of enterprise systems engineering, logistics network & technology and quality engineering. Working closely with its industry partners, a highly qualified ELE faculty aims to address emerging challenges facing the logistics industry that arise from global logistics systems of growing complexity and disruptive logistics technology. With a focus on an in-depth study of logistics fundamentals, regulatory compliance, contemporary logistics technology and systems, faculty are able to develop an optimal solution to the logistics systems design and operation problems facing the logistics industry, today and tomorrow.

FACULTY
ELE faculty members have extensive and diversified experience in all aspects of logistics systems design, enterprise operations, process improvement and total quality management. Karen Schmahl with Lean Six Sigma Black Belt certification focuses her research on quality engineering, total quality management and process improvement. Shih-Ming Lee’s research focus is on the engineering economy, industrial finance and logistics engineering. Shabnam Rezapour focuses her research on disaster management, risk mitigation, applied operations research and logistics systems modeling and optimization. Chin-Sheng Chen is an expert in enterprise systems engineering, engineering project management, operations modeling and process improvement.

PARTNERSHIPS
The SAP University Alliance, housed in the Enterprise and Logistics Engineering Office, offers comprehensive SAP hands-on training to FIU students and professors and hosts the SAP TERP10 certification exam workshop each year at FIU. Its enterprise systems engineering laboratory is equipped with enterprise systems development tool suites, as well as leading commercial ERP and logistics systems including SAP R/3 APO and Magaya software. It is linked to industrial-scale simulation platforms to enhance the student learning experience in a virtual logistics and enterprise business environment. The ELE Office works closely with its industry advisory board to expand its internship/apprenticeship programs for students to apply academic theory to industry practice and acquire industrial experience.

GRADUATE DEGREES OFFERED
- M.S. Engineering Management
- Technical tracks: computer science, computer engineering, construction management, electrical engineering, engineering management, engineering science, environmental engineering, information technology, logistics engineering, mechanical engineering, operations management, orthotics & prosthetics, production and manufacturing, professional, risk and disaster management, structural/wind/construction systems engineering, telecommunications, transportation engineering, and water resources engineering
- M.S. Logistics Engineering

Combined Bachelor’s and Master’s Degree (4+1) Program
The combined B.S. and M.S. Degree Program is an accelerated program designed for outstanding undergraduate students currently enrolled in the College who wish to pursue their M.S. degree while completing in the college their B.S. degree.

RESEARCH HIGHLIGHTS
- Total quality management
- Enterprise systems engineering
- Process modeling and improvement
- Systems engineering and applied operations research
- Logistics operations, technology and systems
- Disaster management and risk mitigation

GRADUATE RESEARCH OPPORTUNITIES
Students may conduct research in the following areas:
- Enterprise systems engineering
- Logistics technology and network modeling
- Disaster and risk mitigation

FACILITIES
- Enterprise Systems Engineering Laboratory (ESEL): Equipped with enterprise systems development tools and leading commercial ERP and logistics systems, and integrated with industrial simulators that enable a virtual enterprise logistics environment

Learn the business of engineering with programs designed to combine technology, law and business courses to prepare students with the broad knowledge and skills they need to successfully manage and lead today’s organizations.