UCF College of Engineering and Computer Science

FAST FACTS 2021-22

Unless otherwise indicated, figures are for Fall 2020.

> Enrollment
Fall 2021
Total .................................................................13,297
Undergraduate .................................................11,310
Graduate ..............................................................1,987

> Freshman Class Profile
Summer/Fall 2019
Total Incoming Freshmen .........................................1,851
General Honors
Avg. SAT Score: 1308 1467
Avg. ACT Score: 29.3 33
Avg. High School GPA: 4.10 4.45
(weighted)

New .................................................................146
Returning .........................................................108

> Diverse Student Population
Undergraduate Diversity
African-American: 7%
Asian: 9.7%
Hispanic: 28.3%
International: 4.75%
Female 19.5%

Graduate Diversity
African-American: 5.3%
Asian: 7.1%
Hispanic: 16.6%
International: 33.1%
Female 25.8%

> Student Support
115+ teaching assistant positions
355+ research assistant positions
$190,500 in college scholarships awarded to students in 2021-2022

STEM retention programs: stem.ucf.edu/
stem-programs-at-ucf
elii - innovative leadership development
for students: cecs.ucf.edu/elii2
L3Harris Evaluation and Efficiency Testing
Center for tutoring and testing (ENG II, 2nd floor)

> Faculty and Staff
Total .................................................................469
Professors ............................................................66
Associate Professors ............................................49
Assistant Professors .............................................61
Lecturers/Instructors ............................................32
Post Docs/Adjuncts .............................................96
Research Associates ..............................................4
Other .................................................................1
FT Staff .............................................................97
PT Staff (non-student) .........................................63

> Degree Programs
Aerospace Engineering, B.S., M.S., Ph.D.
Biomedical Engineering, M.S.
Civil Engineering, B.S., M.S., Ph.D.
Computer Engineering, B.S., M.S., Ph.D.
Computer Science, B.S., M.S., Ph.D.
Computer Vision, M.S.
Construction Engineering, B.S.
Cyber Security and Privacy, M.S.
Data Analytics, M.S.
Digital Forensics, M.S.
Electrical Engineering, B.S., M.S., Ph.D.
Engineering Management, M.S.
Environmental Engineering, B.S., M.S., Ph.D.
Industrial Engineering, B.S., M.S., Ph.D.
Information Technology, B.S.
Materials Science and Engineering, B.S., M.S., Ph.D.
Mechanical Engineering, B.S., M.S., Ph.D.
Modeling and Simulation, M.S., Ph.D.
Photonics Science and Engineering, B.S.
Systems Engineering, M.S.
Travel Technology and Analytics, M.S.

Graduate offerings include specialty tracks,
online degree programs and 12 certificates.

> Departments
• Civil, Environmental and
  Construction Engineering
• Computer Science
• Electrical and Computer Engineering
• Industrial Engineering and
  Management Systems
• Materials Science and Engineering
• Mechanical and Aerospace Engineering

> CECS Alumni
40,000+

For more information, visit cecs.ucf.edu
Faculty Honors
- 8 National Academy of Engineering members
- 7 National Academy of Inventors members
- 10 American Association for the Advancement of Science fellows
- 2 American Society for Engineering Education fellows
- 1 U.S. Jefferson Science Fellow
- 5 American Society of Civil Engineers fellows
- 4 American Society of Mechanical Engineers fellows
- 3 ASM International fellows
- 2 Association of Computing Machinery fellows

Institute of Electrical and Electronics Engineers fellows
- 18 Institute of Electrical and Electronics Engineers fellows
- 2 Institute of Industrial and Systems Engineers fellows
- 1 Institute of NanoTechnology fellow
- 2 SPIE (International Society for Optics and Photonics) fellows

Early Career Awards
- 33 NSF CAREER awardees
- 15 additional Early Career/Young Investigator awardees

Facilities
- Engineering I .............................................. 130,885 ft²
- Engineering II ............................................ 105,545 ft²
- L3Harris Engineering Center ...................... 113,866 ft²
- Siemens Energy Center .............................. 10,000 ft²
- MAE Research Facility ............................... 4,000 ft²

Learning Laboratories
- Lockheed Martin Cyber Innovation Lab
- Siemens Digital Grid Lab

Central Florida Research Park
- Approximately 10,000 employees
- The nation’s epicenter for computer modeling, simulation and training
- Nation’s 7th largest research park

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youtube.com/c/UCFCollegeofEngineeringComputerScience | instagram.com/ucfcecs

University Research Faculty Clusters
The clusters advance UCF’s unique research strengths and foster interdisciplinary teams to solve today’s toughest scientific and societal challenges. See ucf.edu/research/faculty-clusters/ for detailed information.
- Biionix
- Cyber Security and Privacy
- Disability, Aging and Technology
- Genomics and Bioinformatics
- Learning Sciences
- Renewable Energy and Chemical Transformation
- Resilient, Intelligent and Sustainable Energy Systems
- Sustainable Coastal Systems
- Violence Against Women

Research

New Funding | Expenditures
FY’18 $50.68 million | $32.83 million
FY’19 $50.46 million | $36.88 million
FY’20 $50.59 million | $37.29 million

Engineering Leadership & Innovation Institute at UCF

Industry needs tomorrow’s engineering and technology leaders. The programs of eli² enable and inspire students’ emergence as leaders focused on collaboration, creativity, innovation and accountability. Leadership development programs include the Leadership in Engineering course; Leaders Up Close seminar series; Student Leaders team; Engineering Leadership minor or certificate; development circles with industry mentors, and more.

Maker Space Lab Complex
A resource provided by eli², the complex is located in the Engineering II building on campus and is available to the entire UCF community. It offers students a dedicated area to gather and collaborate, generate creative ideas, vet those ideas, then build and fine-tune working prototypes, all in one convenient place that allows for easy movement between labs.
- L3Harris Partnership Atrium
- Idea Lab
- Texas Instruments Innovation Lab
- Manufacturing Lab

See cecs.ucf.edu/eli2 to learn more.

Research Centers
- Advanced Materials Processing and Analysis Center
- Biomolecular Science Center
- Center for Research and Training NanoScience Technology Center
- Florida Solar Energy Center
- Florida Space Institute
- High Performance Computing Center
- Institute for Simulation and Training
- Institute of Industrial and Systems Engineers
- National Center for Forensic Science
- National Center for Optics and Photonics
- Photonics Center of Excellence
- SPIE (International Society for Optics and Photonics) fellows

50+ Years of Growth
Enrollment From a few hundred students in 1968, to 13,000+ in 2022.

Research From the first award of $12,500 from NASA, to more than $50 million in funding from local, state, federal and industry sources in 2021.

Dean
Michael Georgiopoulos, Ph.D.

Dean’s Advisory Board
Daniel Schiappa, ’87–’90
Board Chair/Executive VP, Sophos

For more information, visit cecs.ucf.edu/about-us/deans-advisory-board/

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For more information, visit cecs.ucf.edu

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College of Engineering
and Computer Science