U N I V E R S I T Y O F C E N T R A L F L O R I D A  | O R L A N D O

UCF College of Engineering and Computer Science

FAST FACTS 2020-21

Unless otherwise indicated, figures are for Fall 2020.

† Enrolment
Fall 2020 (preliminary)
Total ......................................................... 13,166
Undergraduate ........................................ 11,307
Graduate .................................................. 1,859

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

† National Merit Scholars ................................146
New ...................................................... 38
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
$231,500 in college scholarships awarded to students in 2019-2020
STEM retention programs: stem.ucf.edu/stem-programs-at-ucf
el2 - innovative leadership development for students: cecs.ucf.edu/el2
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.
Joint program with UCF College of Graduate Studies
Systems Engineering, M.S.
Travel Technology and Analytics, M.S.
Joint program with UCF Rosen College of Hospitality Management

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

† Degrees Conferred
2019-2020
since 1969

BACHELOR'S 31,648 9,493
MASTER'S 1,688 1,775
DOCTORAL

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
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
27 NSF CAREER awardees
15 additional Early Career/Young Investigator awardees

Industry needs tomorrow’s engineering and technology leaders. The programs of e li2 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 e li2, 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
<table>
<thead>
<tr>
<th>New Funding</th>
<th>Expenditures</th>
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<tbody>
<tr>
<td>FY’18</td>
<td>$50.68 million</td>
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<tr>
<td>FY’19</td>
<td>$50.46 million</td>
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<tr>
<td>FY’20</td>
<td>$50.59 million</td>
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</tbody>
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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 Center Partners
Advanced Materials Processing and Analysis Center
Biomolecular Science Center
Center for Research and Education in Optics and Lasers
Florida Photonics Center of Excellence
Florida Solar Energy Center
Florida Space Institute
Institute for Simulation and Training
NanoScience Technology Center
National Center for Forensic Science
Townes Laser Institute

50+ Years of Growth
Enrollment
From a few hundred students in 1968, to 13,000+ in 2020.

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 2020.

Dean
Michael Georgiopoulos, Ph.D.

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

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

Central Florida Research Park
• Adjacent to UCF
• 145 companies that provide co-ops, jobs, research partnerships, and internships.

• Approximately 10,000 employees
• The nation’s epicenter for computer modeling, simulation and training
• Nation’s 7th largest research park