UCF College of Engineering and Computer Science

FAST FACTS 2022-23

Unless otherwise indicated, figures are for Fall 2021.

> Enrollment
Fall 2022
Total ............................................. 13,424
Undergraduate .................................. 11,418
Graduate ............................................ 2,006

> Freshman Class Profile
Summer/Fall 2021
Total Incoming Freshmen .................. 1,891
General Honors
Avg. SAT Score: 1310 1466
Avg. ACT Score: 28.5 32.9
Avg. High School GPA: 4.20 4.49
(weighted)

National Merit Scholars .................... 151
New ................................................. 51
Returning ......................................... 100

> Diverse Student Population
Fall 2022
Undergraduate Diversity
African-American: 7.4%
Asian: 11.4%
Hispanic: 28.1%
International: 4.8%

Female 20.7%

Graduate Diversity
African-American: 5.4%
Asian: 7.3%
Hispanic: 18.5%
International: 31.7%

Female 24.6%

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

STEM retention programs: stem.ucf.edu/
stem-programs-at-ucf
eli² - innovative leadership development
for students: cecs.ucf.edu/eli2
L3Harris Evaluation and Efficiency Testing
Center for tutoring and testing (ENG II, 2nd floor)

> Degrees Conferred

<table>
<thead>
<tr>
<th>2021-2022</th>
<th>BACHELOR’S</th>
<th>MASTER’S</th>
<th>DOCTORAL</th>
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<td>3,476</td>
<td>10,386</td>
<td>2,056</td>
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> 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., Ph.D.
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.
Joint program with UCF College of Graduate Studies
Photonics Science and Engineering, B.S.
Joint program with UCF College of Optics and Photonics
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

> CECS Alumni

41,000+

For more information, visit cecs.ucf.edu
**Research**

**FY 2022**
- New Funding: **$54.4 million**
- Expenditures: **$50.68 million**

*Highest research funding in college history*

**10-Year Trend**
- From **$22.89 million** in 2012, to **$54.4 million** in 2022.
- An increase of **$31.51 million = 137.7%**

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**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. Labs are supervised and equipped with modern manufacturing and machining tools.

- L3Harris Partnership Atrium
- Texas Instruments Innovation Lab
- Manufacturing Center

See [cecs.ucf.edu/eli2](cecs.ucf.edu/eli2) to learn more.

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**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
- Microgrid Control Lab by FPL and GE

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

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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/](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

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**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

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**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 $54 million in funding from local, state, federal and industry sources in 2022.

**Dean**

Michael Georgiopoulos, Ph.D.

**Dean’s Advisory Board**

Daniel Schiappa, ’87-’90

Board Chair/Executive VP, Sophos

Representing businesses, government agencies and academia, the board provides strategic direction and guidance to the college. See [cecs.ucf.edu/about-us/deans-advisory-board/](cecs.ucf.edu/about-us/deans-advisory-board/) for more information.

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For more information, visit [cecs.ucf.edu](cecs.ucf.edu)

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**Central Florida Research Park**

- Adjacent to UCF
- 145 companies that provide co-ops, jobs, research partnerships, and internships

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