College of Engineering and Computer Science Orientation for New Graduate Students: Spring 2024

01:00
CECS Orientation for New Graduate Students

Spring 2024

CECS Office of Graduate Affairs

Meeting
Survey
Meeting Agenda

10:02a
Intro
Dr. Ali P. Gordon, Associate Dean, CECS

10:12a
Academic Integrity
Ms. Jennifer Wright, Manager, Student Rights and Responsibilities

10:22a
UCF Libraries
Mr. Ven Basco, University Librarian and Interim Head of Research and Information Services Department, UCF Libraries

10:32a
SAGE
Mr. Vasanth Bhat, PhD Student, SAGE Leader

10:37a
Program Specifics
Ms. Heather Houser, Manager, CECS

10:52a
Closing
Dr. Ali P. Gordon, Associate Dean, CECS

Breakouts
Selected CECS Depts. and Programs

Not to scale
CECS Department/Program Orientations

- Computer Science MS & PhD
  - Friday, January 5; 1 PM to 3 PM
    - HEC-101A

- Civil, Environmental, and Construction Engineering
  - Thursday, December 14; 11:30 AM to 12 PM;
    - Zoom: https://ucf.zoom.us/j/92334299660, Meeting ID: 923 3429 9660

- Electrical and Computer Engineering MS & PhD
  - TBD; Dr. Mingjie Lin milin@ucf.edu

- Industrial Engineering (MS/MSIE), Engineering Management MSEM, and Systems Engineering MSSE
  - Thursday, January 4, 2024; 11 to 11:45 AM ET; Zoom: https://ucf.zoom.us/j/3503288914

- Industrial Engineering PhD
  - Thursday, January 4, 2023; 11:45 AM to 12:30 PM ET; Zoom: https://ucf.zoom.us/j/3503288914

- Material Sciences and Engineering PhD
  - TBD; Dr. Jiyu Fang jiyu.fang@ucf.edu

Check e-mail; chat for the Zoom links
CECS Department/Program Orientations

- Material Sciences and Engineering MS
  - TBD, Dr. Jiyu Fang jiyu.fang@ucf.edu

- Mechanical (MS & PhD), Aerospace (MS & PhD), and Biomedical Engineering (MS & PhD)
  - Thursday, December 14 12 PM to 1:00 PM ET; Zoom: https://ucf.zoom.us/j/2448659052
    Meeting ID: 244 865 9052

- Digital Forensics MS and Cybersecurity and Privacy MS
  - TBA Dr. Cliff Zou changchun.zou@ucf.edu

- Data Analytics MS
  - TBD, Dr. Daniel Eilen eilen.daniel@ucf.edu

- Computer Vision
  - TBD, Dr. Cliff Zou changchun.zou@ucf.edu

Scan to get links: grad.cecs.ucf.edu
Check e-mail; chat for the Zoom links
Welcomes Messages
Introduction – Dr. Ali P. Gordon

- PhD in Mechanical Engineering from Georgia Tech
- Joined UCF in 2005
- Fatigue and Fracture
- Over 150 journal and conference publications
- Chaired 9 PhD dissertations
- Associate Dean in 2019
- ASME Fellow in 2021
Dean’s Welcome – Dr. Michael Georgiopoulos

- Appointed as Dean in 2013
- Numerous Research and Teaching Awards
- Joined UCF in 1986
- Pegasus Professor in 2010
- Earned PhD in Electrical Engineering from the University of Connecticut
- BS in Electrical, Electronics, and Communications Engineering from the National Technical University of Athens
The University of Central Florida was founded in 1963 as Florida Technological University, with the mission of supporting the growing United States space program at nearby Kennedy Space Center and Cape Canaveral Air Force Station. The motto, “Reach for the Stars,” represented the university’s promising aerospace education in engineering, electronics and other technological professions.
CECS Departments

- Civil, Environmental, & Construction Engineering (CECE)
- Computer Science (CS)
- Electrical & Computer Engineering (ECE)
- Industrial Engineering & Management Systems (IEMS)
- Materials Science & Engineering (MSE)
- Mechanical & Aerospace Engineering (MAE)

www.cecs.ucf.edu
College of Engineering and Computer Science

Facilities

Texas Instruments Innovation Lab
- Bring ideas to life. Space is fully equipped with state-of-the-art equipment.
- 3D printers, laser cutters, and other high-tech equipment.
- Materials for prototyping are available. Staffed by professional advisors.

Manufacturing Lab
- Design and refine your ideas into real prototypes.
- The lab offers heavy manufacturing equipment for casting, machining, and welding.
- Staffed by professional advisors. The UCF School of Visual Arts and Design can provide design assistance.

Harris Corporation Gathering Lab
- Meet with teams and discuss projects in the space, equipped with round whiteboard tables designed by UCF faculty.

Idea Lab
- Rapid prototyping is faster and easier than ever at UCF.
- This lab is strategically designed to transform ideas into marketable innovations.
- Opened in fall 2014, Idea Labs are available to all UCF students.
CECS Registered Student Organizations (RSO)
Student Conduct
Welcome – Ms. Jennifer Wright

• Began at UCF in 2002 in Student Academic Resource Center
• Assistant Director then Director
• In 2011, Program Manager for Student Conduct and Academic Integrity
• Responsible for the promotion of academic integrity and the prevention of academic misconduct
UCF Libraries – Mr. Ven Basco

• University Librarian and Interim Head, Research & Information Services Department
• 2019 recipient of the Excellence in Librarianship award
• Engineering Librarian - provides research assistance, instruction, outreach, and collection management to support programs dependent upon the engineering and computer sciences
SAGE Welcome – Vasanth Bhat

• Undergraduate Degree in Industrial & Production Engineering Sciences from N.M.A.M.I.T., India
• Masters in Business Administration from Rollins College, Florida
• Masters of Science in Industrial Engineering from UCF
• Currently pursuing PhD in Industrial Engineering at UCF
• Researching in Supply Chain (logistics) and AI integration
• President of SAGE
Stay in Contact

• UCF’s Student Email System and One Drive
  (https://office365.ucf.edu) & (Step-by-Step Guide)

• University Information & Notices Will Only Be Sent Here
CECS Grad Program Directors & Coordinators

- Civil, Environmental, & Construction Engineering
  - Dr. Andrew Randall – Andrew.Randall@ucf.edu
  - Arvin Cortez – cecegrad@ucf.edu

- Computer & Electrical Engineering
  - Dr. Mingjie Lin – Mingjie.Lin@ucf.edu
  - Diana Poulalion – Diana.Poulalion@ucf.edu

- Computer Science
  - Dr. Wei Zhang – WZhang.cs@ucf.edu
  - Jeanine Clements – Jeanine.Clements@ucf.edu

- Industrial Engineering & Management Systems
  - Dr. Mansooreh Mollaghasemi – Mansooreh.Mollaghasemi@ucf.edu
  - Rebecca Underhill – iegrad@ucf.edu

- Materials Science & Engineering
  - Dr. Jiyu Fang – Jiyu.Fang@ucf.edu
  - Kerry-Ann Wright – KerryAnn.Wright@ucf.edu

- Mechanical & Aerospace Engineering
  - Dr. Jihua Gou – Jihua.Gou@ucf.edu
  - TBA – meaadvising@ucf.edu
CECS Graduate Affairs Office

Tracey Ziebro, Administrative Assistant
Heather Houser, Graduate Program Manager
(407) 823-0980 or cecsggrad@ucf.edu
cecsgradregistration@ucf.edu
Ali Gordon, CECS Graduate Associate Dean

http://www.grad.cecs.ucf.edu
or Visit Us in ENGR 1-281
UCF Graduate Studies

- Admission Issues? gradadmissions@ucf.edu
- Florida Residency Issues? gradresidency@ucf.edu
- Student Services Issues? gradservices@ucf.edu
- Academic Progress Issues? gradrcrd@ucf.edu
- Graduation Issues? graddegr@ucf.edu
- Assistantship Issues? gradassistantship@ucf.edu

For General Information: www.graduate.ucf.edu
or Visit Them in Millican Hall 230
Understanding CECS Guidelines & Procedures

Know the Rules!
MS Thesis/Non-Thesis Degrees

- MS Thesis Option – 30 credits including 6 credits of thesis hours.
- MS Non-Thesis Option – 30 credits of course work.
- Both options must have 50% at 6000 level.
- Both options must have 24 hours of formal course work (face-to-face, online, and video-streaming sections). Non-formal course work is research, thesis, dissertation, etc.
PhD Requirements

- **72 Hours of Course Work** – Comp Engr., Comp Science, Electrical, Industrial, Materials & Mechanical (15 Hours of Dissertation)
- **72 Hours of Course Work** – Civil & Environmental (18 Hours of Dissertation)
- **Ethics Training**
- Qualifying Exam*
- Candidacy Exam*

* = Timing and Content of these milestones vary program to program, see your program's handbook and websites for requirements and due dates
Understanding Guidelines

• Graduate Catalog is Online!
  (https://www.ucf.edu/catalog/graduate/#/home)

• Highlighted Guidelines
  • Enrollment Policies
  • 7 Year Rule
  • Full Time/Part Time
Enrollment Policies

• After Spring 2024, You Cannot Miss 3 Terms in a Row
• Once You Begin Thesis (XXX 6971) or Dissertation (XXX 7980), You **Must** Continue to Take Them Until You Graduate!
  • Includes Summer Semesters
  • Full Time for Thesis & Dissertation Students is Only 3 Credit Hours
• **Special Leave of Absence Form**
7 Year Rule Policy

• You have 21 semesters from your admissions term (Spring 2024) to graduate with your degree.

• Therefore, you must graduate by Spring 2030!
Full Time / Part Time Enrollment

• **Fall/Spring Semesters**
  - 9 Hours = Full Time
  - 6 Hours = Part Time

• **Summer Semesters**
  - 6 Hours = Full Time
  - 3 Hours = Part Time
Key Student Responsibilities

• It is Your Responsibility to **Keep Informed** of all Rules, Requirements, Policies & Procedures Relating to Your Graduate Program.

• **File a Program of Study**

• File all Forms **Before** Deadlines

• File an **Online Intent to Graduate** & Complete Exit Surveys
Creating a Program of Study (Success)
Creating a Program of Study (Success)

- Plan of **What You Plan to Take & When You Plan to Take It**
- How to Transfer Courses
- POS Templates/Dynamic Forms
- Can be Revised
- Due by your **first semester** in your program
Transfer Work

• Course-by-Course
  • Official Transcripts Only
  • WES/Josef Silny Evaluation
  • Formal Course Work
  • B or Better (no B minuses or below)
  • Syllabi for Transferred Course
  • Matching with UCF Course Work
  • At the Discretion of Advisor/Grad Director
Capitalizing on Resources

- CECS Graduate Affairs Website
- Self-Guided Tour
Strive to be Early for Deadlines

- Deadlines are posted at: http://calendar.ucf.edu
- Go to https://my.ucf.edu
- Ask Departments or CECS Grad Affairs Website
Important Upcoming Dates

• Late Registration Begins – January 8 @ 12 AM
• Add/Drop/Swap Period Ends – January 12 @ 11:59 PM
• Payment Deadline – January 19
• Withdrawal Deadline – March 29
• Classes End – April 22
• Finals Week – April 24 – April 30
Spring 2024 Holidays & Special Events

- MLK, Jr. Day – January 15
- Spring Break – March 18 – March 23
- 2024-2025 Registration – Begins March 28
Satisfactory Progress

• No Grade Forgiveness in Graduate School
• Two GPAs, **Both** Need to be at a 3.0
  • Graduate Status GPA
  • Program of Study GPA
• No More Than 2 C Grades Total
  • Cannot be a transfer course
• GPA = 2.999, Now What?
  • 18 Hours to Raise GPA to 3.000
  • **Probation Plan Agreement** Submitted to Grad Studies
Stick With It

DOING NOTHING AT ALL

vs

MAKING SMALL CONSISTENT EFFORTS:

\[(1.00)^{365} = 1.00\]
\[(1.01)^{365} = 37.7\]

WHEN YOU THINK ABOUT GIVING UP...

...THINK ABOUT HOW FAR YOU'VE COME
The Iceberg Illusion

Success is an iceberg

SUCCESS!

WHAT PEOPLE SEE

WHAT PEOPLE DON'T SEE

Persistence

Failure

Sacrifice

Disappointment

Dedication

Hard work

Discipline

@sylviaduckworth
Stick With It

• Work with your Advisor/Department Contacts Early

• Leave of Absence
Survey
Closing
Graduate Student Activities

• Graduate students are a key element of CECS:
  • Conduct research
  • Author journal articles
  • Present research at conferences
  • Take advanced courses
  • Support teaching and learning of other students
  • Win awards and raise the bar for future graduate students!!

• CECS often highlights experiences of graduate students during their time in their programs of study
• Learn more about UCF’s College of Engineering and Computer Science
• Connect you to FAQs and Forms
• Get answers to your questions and provide answers to questions you might receive

CECS Grad Site
http://grad.cecs.ucf.edu
Our Expectations of You

• Graduate!!
• Abide by the various UCF, CECS, Dept., and Lab policies, guidelines, and regulations
• Explore what UCF has to offer
• Contribute to an atmosphere of collegiality and collaboration
• Be a positive ambassador for UCF
• Publish your research (Goal 2 to 3 journal articles and 3 to 4 conference papers)
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- Data Analytics MS
  - TBD, Dr. Daniel Eilen eilen.daniel@ucf.edu

- Computer Vision
  - TBD, Dr. Cliff Zou changchun.zou@ucf.edu
Thanks for Your Attention

Special Thanks:

CECS:
Tracey Ziebro, Michael Georgiopoulos; Graduate Program Directors

CGS:
Leben Goldman, Brandy Pieper

Future CECS Grad Days:
- Fall: mid-September
- Spring: March
- Summer: First week of June

E-mail: gradcecs@ucf.edu
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