



## Bachelor of Science Computer Science 2022-2023 Catalog

SEMESTER		Fall
Course No.		Hours
ENC 1101	Composition I	3
SPC 1603C	Tech Presentations	3
**COP 3223C	Intro C Program	3
MAC 2311C	Calculus I	4

SEMESTER		Spring
Course No.		Hours
ENC 1102	Composition II	3
COT 3100C	Intro to Discrete Struct	3
COP 3502C	Computer Science I	3
CDA 3103	Comp. Logic & Org	3

SEMESTER		Summer
Course No.		Hours
MAC 2312	Calculus II	4
COP 3330	Obj. Oriented Prog.	3
*COT 3960	CS Foundation Exam	0

SEMESTER		Fall
Course No.		Hours
PHY 2048 & PHY 2048L	Physics I & Lab	4
COP 3402	Systems Software	3
COP 3503C	Computer Science II	3
GEP		3

SEMESTER		Spring
Course No.		Hours
PHY 2049 & PHY 2049L	Physics II & Lab	4
COP 4331C	Obj. Orien Software Dev.	3
ENC 3241	Technical Writing	3
CIS 3360	Security in Computing	3

SEMESTER		Summer
Course No.		Hours
STA 2023	Statistical Methods I	3
GEP		3

SEMESTER		Fall
Course No.		Hours
Math Elective		3/4
BSC 2010C	Biology I	4
Area Elective		3
GEP		3

SEMESTER		Spring
Course No.		Hours
CHM 2045C	Chem Fundamentals I	4
Math/Stat Restricted Elective		3
Area Elective		3
Area Elective		3

SEMESTER		Summer
Course No.		Hours
Free Elective		3
GEP		3

SEMESTER		Fall
Course No.		Hours
COP 4934	Senior Design I	3
GEP		3
COT 4210	Discrete II	4
Area Elective		3

SEMESTER		Spring
Course No.		Hours
COP 4935	Senior Design II	3
Free Elective		3
Area Elective		3
Area Elective		3

SEMESTER		Summer
Course No.		Hours

\*Students will not be able to register for COT 3960 until they successfully pass the Foundations Exam. The Foundations Exam is offered at the beginning of each semester. Students must successfully complete COP 3502C with a C or better grade to take the exam.

Students must pass the Foundations Exam within one year after successful completion of COP 3502C.

\*\*Students must receive a passing score on the Computer Programming Placement test or receive a 3 on the AP Computer Science A exam or have completed COP 2500 with a C or better grade to register for this course.

**UNIVERSITY OF CENTRAL FLORIDA  
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE  
ADVISING CONTACTS**

**Office of Academic Affairs:**

**General Information, General Education, Pending Majors, etc.**

Mrs. Kim Small	ENGR 107	407-823-2455	Kim.Small@ucf.edu
Ms. Meena Datta	ENGR 107	407-823-2455	Meena.Datta@ucf.edu
Ms. Ashley Duprat	ENGR 107	407-823-2455	Ashley.Duprat@ucf.edu
Ms. Anna Canlon	ENGR 107	407-823-2455	Anna.Canlon@ucf.edu
Ms. Laura Beth Rogers	ENGR 107	407-823-2455	Laura.Rogers@ucf.edu
Ms. Diane D'Avanzo	ENGR 107	407-823-2455	Diane.D'Avanzo@ucf.edu
Ms. Stephania Hayes	ENGR 107	407-823-2455	Stephania.Hayes@ucf.edu
Ms. Karen Dlhosh	ENGR 107	407-823-2455	Kad@ucf.edu
Ms. Melissa Morency	ENGR 107	407-823-2455	Melissa.Morency@ucf.edu
Ms. Becca Lasala	ENGR 107	407-823-2455	Becca.Lasala@ucf.edu

**Major Advisors:**

**Aerospace & Mechanical Engineering**

Ms. Lynn Grabenhorst	ENGR 1 381	407-823-5448	Lynn.Grabenhorst@ucf.edu
Ms. Morgan Langrick	ENGR 1 381	407-823-1654	Morgan.Langrick@ucf.edu

**Civil, Environmental, & Construction Engineering**

Mary Smith	ENG 2 211	407-823-2841	Mary.Smith2@ucf.edu
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**Computer Science\* & Information Technology**

Ms. Jenny Shen	HEC 345	407-823-2341	Jenny@cs.ucf.edu
Ms. Bonnie Esparza	HEC 345	407-823-2341	Bonnie.Esparza@ucf.edu

**Electrical & Computer Engineering**

Dr. Reza Abdolvand	HEC 417	407-823-1760	Reza.Abdolvand@ucf.edu
Ms. Charlese Hilton-Brown	HEC 345	407-823-2787	Charlese.Hilton-Brown@ucf.edu

**Industrial Engineering**

Ms. Christin Saro	ENG 2 312	407-823-5021	Christin.Saro@ucf.edu
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**Photonics Science and Engineering**

Mr. Mike McKee	CREOL 108	407-823-6376	Mike.McKee@ucf.edu
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**Materials Science and Engineering**

Ms. Pamela Ross	ENGR 207	407-823-3806	Pamela.Ross@ucf.edu
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**Forms, Policies, & Procedures:**

Check out our resources at <https://advising.cecs.ucf.edu/>

\*Computer Science majors will be assigned a faculty advisor when they pass the foundation exam.



## Computer Recommendations for incoming students in 2022-2023

The College of Engineering and Computer Science **does not require** students to have their own personal computer. Students will have access to computers through their department, college, and university here on campus. However, we do feel that having a personal computer can be a great advantage to some of our students. Students that do plan on having their own computer are encouraged to follow the recommendations of the university set forth below.

### **These recommendations have been developed to achieve the following minimum standards for personal computing at UCF:**

A desktop or notebook computer with sufficient resources to run current software products with very good performance.

#### PC Minimum Requirements:

Windows 10  
Intel i5 Processor  
8GB Ram  
Integrated video Card  
512GB HDD or SSD storage

#### Engineering Specifications:

Intel i7 Processor  
8GB RAM  
2GB dedicated graphics card  
1 TB HDD or SSD storage  
15" Display

\*Windows may be required for some applications

#### Budget

Windows 10  
i5Processor  
8GB RAM  
Integrated Graphics  
512GB HDD or SDD

#### Power User

Windows 10  
i7Processor  
8GB RAM  
16GB Graphics

#### Mac

OSX High Sierra  
i7Processor  
16GB RAM  
2GB Dedicated Graphics

The UCF Technology Product Center can provide recommendations in addition to offering many computers and accessories for purchase, or consulting regarding any of the above hardware or software products. Complete "Network Ready" PC and Macintosh configurations, including pre-loaded application software and network adapters are available.

The UCF Technology Product Center can be found in the Technology Commons, by email [tpc@ucf.edu](mailto:tpc@ucf.edu) or by phone at (407) 823-5603.