Allen E. Paulson College of Engineering and Computing

Student Services Center

Program of Study Map

Major: B.S. Computer Engineering

Catalog Year: 2023-2024

Student Name:

Eagle ID:

Freshman

Fall		Sem	Grade	Hrs	Milestones
MATH 1441	Calculus I w/Lab			4	Complete ENGR 1731 with C or better.
CHEM 1310	Comprehensive Gen. Chemistry			4	
ENGR 1731	Computing for Engineers			3	Explore campus activities & organizations
ENGL 1101	Composition I			3	
FYE 1220	First Year Experience			2	Complete FYE 1220.
			Total	16	

Tips: Meet with your Academic Advisor before your registration date so you can register on time!
Attend a Success Workshop to learn about time management, study tips, procrastination, etc...!

Spring		Sem	Grade	Hrs	Milestones
MATH 2242	Calculus II w/Lab			4	Join IEEE organization.
PHYS 2211K	Principles of Physics I			4	
ENGR 1732	Program Design for Engineers			3	Complete MATH 2242 with C or better.
ENGR 2332	Logic Circuit Design			3	
ENGL 1102	Composition II			3	Complete PHYS 2211K with C or better.
CORE 2000	CORE Capstone Course			1	
			Total	18	Complete CORE 2000.

Tips: Courses not completed in Fall or Spring can be taken over summer (if available) to stay on track!
Attend a Success Workshop to learn about note taking, email etiquette, professionalism, etc...!

Target credit hours: 34/130 Total credit hours earned: 34

Sophomore

Fall		Sem	Grade	Hrs	Milestones
MATH 2130	Discrete Mathematics			3	Complete all PHYS requirements.
CSCI 1301	Programming Principles I			4	
PHYS 2212K	Principles of Physics II			4	Attend the Career Fair.
ENGR 2323	Digital Design Lab.			2	
ENGL 2135	Technical Communication			3	
			Total	16	

Tips: Visit the Career Services center to learn more about potential career paths for your major!

Spring		Sem	Grade	Hrs	Milestones
MATH 3230	Ordinary Differential Equations			3	Complete all MATH requirements.
ENGR 2334	Circuit Analysis I			3	
ENGR 2341	Intro to Signal Processing w/Lab			4	
CSCI 1302	Programming Principles II			3	
EENG 3340	Microcontrollers w/Lab			4	
			Total	17	

Tips: Courses not completed in Fall or Spring can be taken over summer (if available) to stay on track!
Meet with an ECE faculty to discuss your major and networking opportunities!

Target credit hours: 67/130 Total credit hours earned: 67

Junior

Fall		Sem	Grade	Hrs	Milestones
EENG 3345	Circuit Analysis II w/Lab			4	Consider a leadership role in an organization
EENG 3421	Advanced Engineering Analysis			2	
CSCI 3230	Data Structures			3	Attend the Career Fair.
POLS 1101	American Government			3	
	Global Engagement Elective			3	
			Total	15	

Tips: Try to obtain a co-op or internship.

Spring		Sem	Grade	Hrs	Milestones
CSCI 3232	Systems Software			3	Create your resume - visit the office of
CSCI 3432	Database Systems			3	career and professional development
EENG 3341	Microelectronics w/ Lab			4	
	US History Elective			3	Research potential grad programs
	SACS Free Elective			3	and/or employers
			Total	16	Attend the Career Fair.

Tips: Courses not completed in Fall or Spring can be taken over summer (if available) to stay on track!

Target credit hours: 100/130 Total credit hours earned: 98

Senior

Fall		Sem	Grade	Hrs	Milestones
EENG 5342	Computer Syst Design w/Lab			4	Apply for Graduation.
	CpE Elective			3	
	World History Elective			3	Attend the Career Fair.
	Humanities/Fine Arts Elective I			3	
	Lab Science			4	Brainstorm ideas for senior design project.
			Total	17	

Tips: Check DegreeWorks and confer with your advisor via email to verify that you are on track to graduation.

Spring		Sem	Grade	Hrs	Milestones
EENG 4640	ECE Senior Capstone Design			4	Begin the job search process.
	CpE Elective			3	
KINS 1525	Concepts of Health & Physical Activity			2	
	Social Science			3	
	Humanities/Fine Arts Elective II			3	
			Total	15	

Tips: Courses not completed in Fall or Spring can be taken over summer (if available) to stay on track!

Target credit hours: 130/130 Total credit hours earned: 130

2-years Course Rotation Schedule

Georgia Southern University accepts the premise that ultimately a student's program is his or her own responsibility.
Taking any coursework that does not fit within your chosen program of study may impact your financial aid.

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