Engineering & Computing
Student Services Center

Program Map

Major: **Software Engineering**
Catalog Year: **2023-2024**

Student: Core link EID:

Freshman

Fall		Sem	Grade	Hrs	Milestones
ENGL 1101	Composition I			3	Complete ENGL 1101
MATH 1441	Calculus I			4	Get Tutoring Help!
CSCI 1301	Programming Principles I			4	Complete Area A MATH requirements
HIST 1112	World History II			3	Complete FYE 1220
FYE 1220	First Year Experience			2	Explore campus activities and organizations
			Total	16	

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

Spring		Sem	Grade	Hrs	Milestones
CSCI 1302	Programming Principles II			3	Complete ENGL 1102
ENGL 1102	Composition II			3	
CSCI 2625	Discete Structures			3	Complete Area A within the first year.
CORE 2000	CORE Capstone Course (choose STEM)			1	Maintain Good Academic Standing
MATH 2242	Calculus II			4	Complete CORE 2000
KINS 1525	Concepts of Health & PE			2	
			Total	16	

Tips:
Establish rapport with peers, tutors, and faculty.

Target credit hours 31/124 Total credit hours earned 32

Sophomore

Fall		Sem	Grade	Hrs	Milestones
Area D	Science with a lab			4	
COMM 1110	Public Speaking			3	by Career and professional Development
CSCI 2503	Survey of Programming Languages			3	Create a resume and cover letter
CSCI 3230	Data Structures			3	Have resume and cover letter critiqued
Area B	Global Perspective Choice Area B			3	
			Total	16	

Tips: Visit the Career & Professional Development Office to learn more about potential career paths for your major!
Explore Co-Ops and Internships. Look into undergraduate research opportunities.

Spring		Sem	Grade	Hrs	Milestones
Area D	Science with lab			4	Complete Legislative Requirements
HIST 2110	US-A Comprehensive Survey			3	
POLS 1101	American Government			3	
CSCI 3321	Intro to Software Engineering			3	
CSCI 3432	Database Systems			3	
			Total	16	

Tips: Start applying and interviewing for summer internships!

Target credit hours 63/124 Total credit hours earned 64

Junior

Fall		Sem	Grade	Hrs	Milestones
Area C	ENGL 2111/2112 or PHIL 2010/2030			3	Consider an Organizational leadership role
CSCI 5436	Distributed Web Systems Design			3	
STAT 1401	Elementary Statistics			3	
CSCI 2120	Computers, Ethics and Society			2	
CSCI 4322	Modern Software Development			3	
CSCI 3624	Undergraduate Seminar			1	
			Total	15	

Tips: Take a Leadership role in a campus organization. Research job titles in your field.

Spring		Sem	Grade	Hrs	Milestones
CSCI 5322	Advanced Software Engineering			3	Research potential Graduate Programs
Area E	Social Science Choice from Area E			3	Research potential Employers
	Technical Elective I			3	Attend a Career Fair
CSCI 4235	HCI (UI/UX designs)			3	
MATH	Additional Math			3	
			Total	15	

Tips: If considering graduate school, identify possible schools and obtain admissions information.

Target credit hours 94/124 Total credit hours earned 94

Senior

Fall		Sem	Grade	Hrs	Milestones
	Senior Design I			3	
MATH 2160	Linear Algebra			3	Attend Last Advisement Session
	Science with a lab			4	Apply for Graduation
	Technical Elective II			3	Register for courses that
CSCI 4534	Software Testing & Quality Assurance			3	complete your degree
			Total	16	

Tips: Check DegreeWorks and confer with your advisor via email to verify you are on track to graduate!
Begin your Job Search. Attend Employer Information Sessions arranged by the Career & Professional Development Office

Spring		Sem	Grade	Hrs	Milestones
	Senior Design II			3	Begin the job search process
CSCI 5431	Computer Security			3	
	Technical Elective III			3	Buy Cap & Gown!
	Free Elective			3	Graduate!
	Free Elective			2	
			Total	14	

Tips: If interested in Graduate School take necessary entrance exams.
Apply for jobs. Develop contacts and relationships with potential employers.

Target credit hours 124/124 Total credit hours earned 124

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.