College of Science & Mathematics
Dept. of Mathematical Science

Program Map

Major: **BS Mathematics**
Catalog Year:

Student: EID:

Freshman

Fall		Sem	Grade	Hrs	Milestones
FYE 1220	First Year Experience			2	Complete ENGL 1101 ☐
* ENGL 1101	Composition I			3	
* MATH 1112/1113	Trigonometry or Pre-Calculus			3	Complete Area A MATH requirements ☐
HIST 1112	Survey of World History II/Civ II			3	
	or HIST 1111 World History I				Complete FYE 1220 ☐
Area E	Social Science elective			3	
					Explore campus activities and organizations ☐
			Total	14	

Tips: Make an appointment with your academic advisor before your registration date so that you can register on time.
Students who need to start in MATH 1112 may slide these course back a semester.
(Completing PHYS 2212 and MATH 2242 over the summer will still accomplish all 1st year Milestone)

Spring		Sem	Grade	Hrs	Milestones
* ENGL 1102	Composition II			3	Complete ENGL 1102 ☐
* MATH 1441	Calculus I			4	
HIST 2110	US: A Comprehensive Survey			3	Earn "C" or better in PHYS I/II sequence ☐
	or HIST 2111 or HIST 2112				
POLS 1101	American Government			3	Maintain at least a 2.0 GPA ☐
Area C	Arts & Humanities elective			3	
					Utilize academic success and tutoring services ☐
			Total	16	

Tips: Make an appointment with your academic advisor before your registration date so that you can register on time.
Use Academic Success Center for help with time management, study tips, procrastination, and more.
Be sure to read the weekly newsletter from your academic advisor to stay up to date with what is going on in your major.

Target credit hours 31/124 Total credit hours earned 30

Sophomore

Fall		Sem	Grade	Hrs	Milestones
* MATH 2242	Calculus II			4	Maintain a "C" average in all MATH, CSCI,and STAT ☐
MATH 2160	Linear Algebra			3	
Area B	Global Perspectives elective			3	Begin upper-division major courses ☐
Area C	Literature & Philosophy elective			3	
Area D1	Lab Science elective			4	Get to know a math or stat faculty member you can ☐
					seek out as a mentor and inquire about research
					opportunities
			Total	17	

Tips: Make an appointment with your academic advisor before your registration date so that you can register on time.
Visit the Major and Career Exploration Center to learn more about potential career paths for your major!

Spring		Sem	Grade	Hrs	Milestones
* MATH 2243	Calculus III			4	Consider a leadership role in an organization ☐
* MATH 2332	Mathematical Structures			3	
Area D1	Lab Science elective			4	Complete MATH 2332 Math Structures ☐
Area F	CSCI elective			3	
CORE 2000	CORE Capstone Course			1	Create personal resume (use Office of Career and ☐
					Professional Development)
			Total	15	Complete CORE 2000 ☐

Tips: Make an appointment with your academic advisor before your registration date so that you can register on time.
Consider adding a minor by focusing free elective credits into a single area that will fulfill minor requirements.

Target credit hours 62/124 Total credit hours earned 62

Junior

Fall		Sem	Grade	Hrs	Milestones
* MATH 3230	Ordinary Differential Equations			3	
MATH/STAT	3000+ Upper-division Major elective			3	Begin attending career fair to explore possibilities ☐
MATH/STAT	3000+ Upper-division Major elective			3	and meet regional recruiters
KINS 1525	Concepts of Health and PE			2	
	Free Elective Course(s)			4	
			Total	15	

Tips: Make an appointment with your academic advisor before your registration date so that you can register on time.
Talk with recruiters at career fairs, even if they are not hiring for your specific degree. Find out what they look for in applicants.
Research graduate programs and the timeline to apply to them.

Spring		Sem	Grade	Hrs	Milestones
MATH 3337	Probability			3	Maintain a "C" average in all MATH, CSCI, and STAT ☐
MATH 5333	Modern Algebra I			3	
MATH 4920	Undergraduate Seminar			2	Research potential grad programs and employers ☐
MajorReq	"Additional Lab Course"			4	
	Free Elective Course			3	Go over graduation plan with academic advisor ☐
			Total	15	

Tips: Make an appointment with your academic advisor before your registration date so that you can register on time.
Consider a Research Experience for Undergraduates (REU) and apply for the summer.
Consider when to take entrance exam if applying to graduate or professional school.

Target credit hours 93/124 Total credit hours earned 92

Senior

Fall		Sem	Grade	Hrs	Milestones
STAT 5531	Statistical Methods			3	Apply for graduation ☐
MATH 5331	Analysis I			3	
MATH/STAT	3000+ Upper-division Major elective			3	Attend a Career Fair ☐
	FORL 2001 or INTS 2130			3	
	Free Elective Course(s)			4	
			Total	16	

Tips: Make an appointment with your academic advisor and register (before Juniors!) to get your final courses for graduation.
Check DegreeWorks and get in touch with your advisor via email to verify you are on track to graduate!

Spring		Sem	Grade	Hrs	Milestones
MATH/STAT	3000+ Upper-division Major elective			3	Complete major requirements ☐
MATH/STAT	3000+ Upper-division Major elective			3	
MATH/STAT	3000+ Upper-division Major elective			3	GRADUATE! ☐
	Free Elective Course(s)			7	
			Total	16	

Tips: Make an appointment with your advisor to be sure that you are approved to graduate.
Begin seeking job opportunities or applying to graduate programs.

Target credit hours 124/124 Total credit hours earned 124

* A grade of "C" or better is required.

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.