

## Degree Programs

Bachelor of Science in  
Marine Sciences

Master of Science in  
Marine Sciences



# Marine Sciences Program

[www.savannahstate.edu/marinesciences](http://www.savannahstate.edu/marinesciences)

*The SSU Marine Sciences Program provides vital research, education, and outreach programming to develop a technically qualified, intellectually thoughtful, and ethnically diverse community of ocean scientists.*

**Stop by to meet  
the faculty and  
visit our beautiful  
locations next to  
Country Club Creek!**

## Externally Supported Research & Training Programs

DOEd SSUMMS

NOAA LMRCSC

NSF Bridge to Research

Office of Naval Research (ONR)

### Contact us to schedule a tour!

Department of Marine and  
Environmental Sciences  
Faculty Offices and Research Facility  
2717 Livingston Ave  
Savannah, Georgia 31406  
p: 912-358-4101 | f: 912-358-4046



Boat photo courtesy of Dr. Matthew Gilligan, "Students collecting samples" courtesy of Courtney Pegus.



R. Kiser sampling courtesy of Robin Pertree.

The Marine Sciences Program at Savannah State University offers an array of hands on educational research opportunities. Popular experiences include sample and data collection aboard SSU's vessels, including the R/V *Margaret C. Robinson*. Skills in aquarium systems, GIS, data analytics, technical writing, and ocean instrumentation are developed in our courses and are applied in student research.



SSU Dept of Marine & Environmental Sciences

A University System  
of Georgia Institution



# COLLEGE of SCIENCE AND TECHNOLOGY

## ADVISEMENT SHEET FOR THE MARINE SCIENCE MAJOR

Effective: August 2019

<b>Name:</b>			
<b>Date of Entrance:</b>			
<b>Advisor:</b>			
<b>GENERAL EDUCATION - 60 Semester Hours</b>			
	Sem	Grade	Hrs
<b>Area A Essential Skills – 9 Hrs</b>			
ENGL 1101-Eng Composition I			3*
ENGL 1102 Eng Composition II			3*
MATH 1113 Pre-Calculus			3*
<b>Area B Institutional Options – 5 Hrs</b>			
AFRS 1501-African Amer History			2
HUMN 1102 Critical Think & Comm			3
<b>Area C Humanities/Fine Arts – 6 Hrs</b>			
			3
<i>Choose one:</i> ENGL 2110, 2121, 2122, 2131, 2132, 2222; or PHIL 2010, 2030			
			3
<i>Choose one:</i> HUMN 2011; ARTS 1101; MUSC 1101; THEA 1101; or ENGL 2521			
<b>Area D Science, Mathematics and Technology – 11 Hrs</b>			
CHEM 1211 Prin of Chemistry I			3*
CHEM 1211L Prin of Chem I Lab			1*
CHEM 1212 Prin of Chemistry II			3*
CHEM 1212L Prin of Chem II Lab			1*
BIOL 1107 Prin of Biology I			3*
<b>Area E Social Sciences – 12 Hrs</b>			
HIST 2111-United States History <i>or</i> HIST 2112-United States History			3
POLS 1101-American Government			3
<i>Choose 1 of the following:</i>			
AFRS 2000, ANTH 1101, ECON 2105, GEOG 1101, HIST 1111, HIST 1112, POLS 2401, PSYC 1101, PSYC 2103, SOCI 1101, SOCI 1160			3
<b>Area F Related to Major – 17 Hrs.</b>			
COST 1103/TIGR 1103 First Yr Exp.			2
MSCI 1810K Marine Biology			4*
MSCI 2010K Intro to Oceanography			4*
PHYS 1111K Introductory Physics I or PHYS 2211K Prin of Physics I			4*
MATH 2201 Elementary Statistics or MATH 3000 Intro to Biostatistics			3*

\* A minimum grade of "C" is required for this course

**Total Semester Hours Required to Graduate = 120**

<b>SID:</b>			
<b>Catalog Date:</b>			
<b>Graduation:</b>			
<b>MAJOR EDUCATION – 60 Semester Hours</b>			
	Sem	Grade	Hrs
<b>Major Requirements – 28 Hrs</b>			
BIOL 1107L Prin of Biology I Lab			1*
MATH 2101 Calculus I			4*
CHEM 2501 Organic Chemistry			3*
CHEM 2501L Organic Chem Lab			1*
MSCI 3301K Mar. Env. Chem.			4*
MSCI 3901 Technical Writing			3*
MSCI 4201K Marine Ecology			4*
MSCI 4350K Biol. Oceanography			4*
MSCI 4902 Sr. Research/Internship			3*
MSCI 4904 Sr. Seminar			1*
<b>Electives – 32 Hrs. A minimum of 20 Hrs must be &gt; 3000</b>			
<b>Marine Sciences Electives – 6 Hrs</b>			
			*
			*
<i>Choose two:</i> MSCI 3401K Invertebrate Zoology, MSCI 3501K Ichthyology, MSCI 4401K Marine Sediments, MSCI 4447 Marine Mammalogy			
<b>Marine Sciences Tools Electives – 6 Hrs</b>			
			*
			*
<i>Choose two:</i> MSCI 2701K Aq. Systems I, MSCI 2702K Aq. Systems II, MSCI 3560 Big Data Analysis, MSCI 3702 Intro to GIS, MSCI 4572 Ocean Instruments			
<b>Math/Science Electives – 3 Hrs</b>			
			3*
<i>Choose one:</i> PHYS 1112K Introductory Physics II, PHYS 2212K Prin. of Physics II; MATH 2111 Calculus II; CHEM 2511/2511L Organic Chem II/Lab; CHEM 3801 Biochemistry			
<b>Other Electives – 17 Hrs. courses within COST. Extra hours in above elective areas count here.</b>			

Advisor Signature \_\_\_\_\_

Date \_\_\_\_\_