



**BACHELOR OF SCIENCE IN MARINE SCIENCE**

	Course	Course Description	Credits	Prerequisites	Offered
Fall - Year 1	MAC 2311 or STA 2122	Calculus I	4	Common prerequisite that counts as Gen Ed Math	Fa, Sp, Su
		Social Science Statistics	3		
	AMH 2020 or ANT 2000 or ECO 2013 or POS 2041 or PSY 2012 or SYG 2000	State Core Gen Ed Requirement in Social Sciences	3		Fa, Sp, Su
	CHM 1045/1045L	General Chemistry I with lab	4	MAC 1105, 1147 or 2157; or ACU5 min score of 066	Fa, Sp, Su
	ENC 1101	Composition I	3	A01 min. score of 17 or S01 min. score of 440 or ACU 1 min. score of 083 or ERT 1 min. score of 103	Fa, Sp, Su
		<b>Total Credits for Semester:</b>		<b>13</b>	

	Course	Course Description	Credits	Prerequisites	Offered
Spring - Year 1	XXX XXXX	Free General Elective	3		Fa, Sp
	CHM 1046/1046L	General Chemistry II with Lab	4	CHM 1045C or 1045/1045L	Fa, Sp, Su
	PHY 2053C	College Physics I with lab	4	MAC 1147 or MAC 2311	Fa, Sp, Su
	ENC 1102	Composition II	3	ENC 1101	Fa, Sp, Su
	ARH 2000 or HUM X020 or LIT 2000 or MUL 2010 or PHI 1010 or THE 2000	State Core Gen Ed Requirement in Humanities	3		Fa, Sp, Su
		<b>Total Credits for Semester:</b>		<b>17</b>	

	Course	Course Description	Credits	Prerequisites	Offered
Fall - Year 2	BSC 1010C	General Biology with Lab I	4		Fa, Sp, Su
	GLY 1000C	Physical Geology	4		Fa, Sp
	XXX XXXX	Free General Elective	3		Fa, Sp
	XXX XXXX	Social Sciences General Education Course**	3		Fa, Sp, Su
	XXX XXXX	General Education Course in Humanities**	3		Fa, Sp, Su
		<b>Total Credits for Semester:</b>		<b>17</b>	

	Course	Course Description	Credits	Prerequisites	Offered
Spring - Year 2	BSC 1011/L	General Biology with Lab II	4		Fa, Sp, Su
	CHM 1084C	Environmental Chemistry	4	CHM 1045/L or CHM 1045C	Fa, Sp
	XXX XXXX	Free General Elective	3		Fa, Sp
	STA 2023	State Core Math: Statistical Methods	3	MAT 1033 or MAC 1105 or MAC 1147 or MAC 2233 or MGF 1107 or MGF 1106 or S02 min. score of 550 or A02 min. score of 24 or ACU4 min. score of 090 or ERT4 min. score of 123	Fa, Sp, Su
	XXX XXXX	General Education Course in Humanities**	3		Fa, Sp, Su
		<b>Total Credits for Semester:</b>		<b>17</b>	

**NOTES:**

- \* Assumes student arrives ready for Calculus I (MAC 2311) and Statistical Methods (STA 2023)
- \*\* Students must complete 6 hours of Intercultural Knowledge coursework (INKN) from within the Social Sciences, Humanities or Natural Sciences. Additionally to Composition I & II students will complete a additional 6 hours of College Level Writing Skills (CLWS) from within the Social Sciences or Humanities categories, or Colloquium with a "C" or higher.

For additional information, see: <https://www.fgcu.edu/cas/departments/mes/msbs/index.aspx>



**BACHELOR OF SCIENCE IN MARINE SCIENCE**

Fall - Year 3	Course	Course Description	Credits	Prerequisites	Offered
	IDS 3300	Foundations of Civic Engagement	3	ENC 1102 and must have Junior standing	Fa, Sp, Su
	XXX 3XXX/4XXX	Take one course from Physical/Statistical/Geological courses	3-4		Fa, Sp
	OCE 3008C	Oceanography	3	BSC 1010C or BSC 1011C	Fa, Sp
	XXX XXXX	Free General Elective	3	Free elective(s)	Fa, Sp
	XXX 3XXX/4XXX	Restricted Upper Level Elective	3		Fa, Sp
<b>Total Credits for Semester:</b>			<b>15</b>		

Spring - Year 3	Course	Course Description	Credits	Prerequisites	Offered
	GLY 4700C	Coastal & Watershed Geology	3	GLY 1000C	Sp
	OCB 4633C	Marine Ecology	3	BSC 1010C and BSC 1011C and CHM 1045C or CHM 1084C	Fa, Sp
	IDS 3920	University Colloquium	3		Fa, Sp, Su
	ISC 3154	Environmental Research Design	3	OCE 3008C OR EVR 3002 OR PCB 3043C	Fa, Sp
	XXX XXXX	Free General Elective	3	Free elective(s)	Fa, Sp
<b>Total Credits for Semester:</b>			<b>15</b>		

Fall - Year 4	Course	Course Description	Credits	Prerequisites	Offered
	PCB 3463C	Marine Ecos Mon & Res Method	3	BSC 1010C and BSC 1011C and (CHM 1045C or CHM 1084C)	Fa, Sp
	OCP 3002C	Physical Oceanography	3	OCE 3008C and PHY 2053C	Fa
	BSC 4933 or EVR 4920 or ISC 4930	Current Topics	1		Fa, Sp
	XXX 3XXX/4XXX	Take one courses from Ecological/Biological Courses	3		Fa, Sp
	ISC 4910 or ISC 4940	Project Rsch Intrdisc Nat Sci or Internship in Interdis Nat Sci	3		Fa, Sp
<b>Total Credits for Semester:</b>			<b>13</b>		

Spring - Year 4	Course	Course Description	Credits	Prerequisites	Offered
	BSC 4933 or EVR 4920 or ISC 4930	Current Topics	1		Fa, Sp
	OCC 4002C	Marine Chemistry	3	OCE 3008C, and CHM 1046C	Sp
	OCB 4936	Senior Seminar in Marine Science	1	OCE 3008C, and (ISC 4910 or ISC 4940)	Fa, Sp
	XXX XXXX	Free General Elective	1 - 2	Free elective(s)	Fa, Sp
	XXX 3XXX/4XXX	Take one courses from Ecological/Biological Courses	3		Fa, Sp
XXX 3XXX/4XXX	Take one course from Physical/Statistical/Geological courses	3-4		Fa, Sp	
<b>Total Credits for Semester:</b>			<b>13</b>		

**Total Credits for Degree: 120**

**Course Type**

General Education
Common Prerequisites
Critical Course for the Major
Strongly Recommended Gen Ed
Required in the Major
Restricted Electives
University Requirement
General Electives

*Note: FGCU requires that students who enter with fewer than 60 semester hours of credit must enroll in a minimum of 9 semester credit hours of coursework during one or more summer sessions prior to graduation. Therefore any of the courses listed in the fall and spring semesters above may be completed during a summer session. The total credits for the degree still add up to 120.*

Summer	Course	Course Description	Credits	Prerequisites	Semester Offered
	XXX XXXX	Any Courses Listed Above	Varies	varies	Summer
			<b>≥ 9</b>		