



# Bachelor of Science Marine Technology

Program Code:

870

Year 1 - Fall				
			Credit	Contact
ENG 111	English Composition		4	4
GEO 115	Introduction to GIS		3	4
EET 102	Intro to Engineering Technology		2	2
EET 103	Electrical Studies I		3	4
RAM 155	Microcontroller Programming		3	3
<b>Semester Total</b>			<b>15</b>	<b>17</b>

Year 2 - Fall				
			Credit	Contact
MTH 122	Trigonometry		3	3
ECO 202	Microeconomics		3	3
MFG 104	Fluid Power		3	4
WSI 210	Underwater Acoustics & Sonar (fa)		3	4
WSI 240	ROV Systems & Operation (fa)		3	4
<b>Semester Total</b>			<b>15</b>	<b>18</b>

Year 3 - Fall				
			Credit	Contact
PHY 121	General Physics I (fa)		4	6
MTH 131	Intro to Prob & Stats		3	3
PHL 202	Contemporary Ethical Dilemmas		3	3
EET 304	Marine Electronics (fa)		3	4
<b>Semester Total</b>			<b>13</b>	<b>16</b>

Year 4 - Fall				
			Credit	Contact
WSI 405	Marine Industry and Business (fa)		3	3
WSI 300	Remote Sensing & Sensors		3	4
	Approved Technical Elective		2	2
<b>Semester Total</b>			<b>8</b>	<b>9</b>

Year 1 - Spring				
			Credit	Contact
ENG 220	Technical Writing		3	3
MTH 121	College Algebra		4	4
RAM 205	Microcontroller Systems		3	4
DD 170	CADD/Computer Modeling		4	5
EET 204	Electrical Studies II		3	4
<b>Semester Total</b>			<b>17</b>	<b>20</b>

Year 2 - Spring				
			Credit	Contact
MTH 141	Calculus I		5	5
EET 260	Systems Engineering in Practice		3	3
ENV 131	Oceanography w/ Lab (sp)		4	5
WSI 215	Marine GIS & Data Processing (sp)		3	4
<b>Semester Total</b>			<b>15</b>	<b>17</b>

Year 3 - Spring				
			Credit	Contact
PHY 122	General Physics II (sp)		4	6
ENV 117	Meteorology & Climatology		4	5
MFG 304	Marine Hydraulics (sp)		3	4
WSI 315	Adv Marine Data Processing (sp)		3	4
<b>Semester Total</b>			<b>14</b>	<b>19</b>

Year 4 - Spring				
			Credit	Contact
PHL 105	Critical Thinking OR		3	3
PHL 203	Environmental Ethics		3	3
WSI 433	Marine Project Management (sp)		3	4
OPTIONAL:	Internship OR Independent Study		3	3
<b>Semester Total</b>			<b>6</b>	<b>7</b>

Year 1 - Summer				
			Credit	Contact
WSI 200	GL Research Technologies (su)		3	4
<b>Semester Total</b>			<b>3</b>	<b>4</b>

Year 2 - Summer				
			Credit	Contact
WSI 440	Advanced Marine Platforms (su)		3	4
WSI 310	Sonar Systems & Operations (su)		4	6
<b>Semester Total</b>			<b>7</b>	<b>10</b>

Year 3 - Summer				
			Credit	Contact
WSI 390	Internship OR		3	3
WSI 397	Independent Study		3	3
<b>Semester Total</b>			<b>3</b>	<b>3</b>

Year 4 - Summer				
			Credit	Contact
WSI 400	Marine Technology Capstone		4	4
<b>Semester Total</b>			<b>4</b>	<b>4</b>

\*WSI 390 or WSI 397 only one summer

**PROGRAM TOTAL** **120** **144**

**Key:**  
**(fa)** Only offered in Fall semester  
**(sp)** Only offered in Spring semester  
**(su)** Only offered in Summer semester

Approvals:

Student: \_\_\_\_\_

Advisor: \_\_\_\_\_

Discipline: \_\_\_\_\_

Revised 4/5/19