

# MARINE TECHNOLOGY, BACHELOR OF SCIENCE

## Course Sequence Guide

Course	Title	Credits
<b>Year 1</b>		
<b>Fall</b>		
EET 103	Electrical Studies I	3
ENG 111	English Composition	4
Group 1 Humanities		3
RAM 155	Microcontroller Programming	3
WSI 106	Introduction to Water Quality	3
<b>Credits</b>		<b>16</b>
<b>Spring</b>		
DD 170	CADD/Computer Modeling	4
EET 204	Electrical Studies II	3
ENG 220	Technical Writing	3
RAM 205	Microcontroller Systems	3
<b>Credits</b>		<b>13</b>
<b>Summer</b>		
WSI 200	GL Research Technologies (Summer only)	3
<b>Credits</b>		<b>3</b>
<b>Year 2</b>		
<b>Fall</b>		
GEO 115	Introduction to GIS	3
MFG 104	Fluid Power	3
MTH 121	College Algebra	4
WSI 210	Underwater Acoustics and Sonar (Fall only)	3
WSI 240	ROV Systems and Operations (Fall only)	3
<b>Credits</b>		<b>16</b>
<b>Spring</b>		
ENV 117	Meteorology & Climatology	4
MTH 122	Trigonometry	3
UAS 121	UAS Applications in Surveying (Spring only)	3
WSI 215	Marine GIS & Data Processing (Spring only)	3
WSI 315	Advanced Marine Survey & Data (Spring only)	3
<b>Credits</b>		<b>16</b>
<b>Summer</b>		
WSI 310 or WSI 440	Sonar Systems and Operations (Summer only) or Advanced Marine Platforms	3-4
<b>Credits</b>		<b>3-4</b>
<b>Year 3</b>		
<b>Fall</b>		
PHY 121	General Physics I (Fall only)	4
SVR 111	Intro to Field Surveying (Fall only)	2
WSI 300	Remote Sensing and Sensors	3
WSI 304	Marine Electronics	3
<b>Credits</b>		<b>12</b>

<b>Spring</b>		
ENV 131	Oceanography	4
MTH 131	Intro to Prob & Stats	3
Approved Technical Electives		6
<b>Credits</b>		<b>13</b>
<b>Summer</b>		
WSI 390	Marine Tech Internship <sup>1</sup>	3
<b>OR WSI 297A Independent Study - Water Studies</b>		
WSI 440 or WSI 310	Advanced Marine Platforms or Sonar Systems and Operations	3-4
<b>Credits</b>		<b>6-7</b>
<b>Year 4</b>		
<b>Fall</b>		
ECO 202	Principles of Microeconomics	3
Approved Technical Electives		6
<b>Credits</b>		<b>9</b>
<b>Spring</b>		
WSI 400	Marine Technology Capstone	4
WSI 405	Marine Industry (Spring only)	3
WSI 433	Marine Project Management (Spring only)	3
<b>Optional: Internship or Independent Study</b>		3
<b>Credits</b>		<b>13</b>
<b>Total Credits</b>		<b>120-122</b>

<sup>1</sup> WSI 390 Marine Tech Internship **or** WSI 297A Independent Study - Water Studies **option to take Summer year 3 OR Spring year 4.**