

**Recommended Four-Year Plan of Study COLLEGE OF ENGINEERING**  
**Bachelor of Science in Naval Architecture and Marine Engineering**

<b>Four Year Plan of Study</b>			
<b>First Year of Enrollment</b>			
<b>First Term</b>		<b>Second Term</b>	
<b>Course Prefix &amp; Number</b>	<b>Credit Hours</b>	<b>Course Prefix &amp; Number</b>	<b>Credit Hours</b>
ENGL 1157 - English Composition I	3	ENCE 2350 - Statics	3
MATH 2114 - Calculus I	4	ENGL 1158 or 1159 - English Composition II	3
NAME 1170 - Intro to Naval Architecture	3	MATH 2124 - Calculus II	4
PHYS 1061 - Physics for Sci & Engr I	3	NAME 1175 - Naval Architecture Lab	2
PHYS 1063 - Physics Lab for Sci & Engr I	1	PHYS 1062 - Physics for Sci & Engr II	3
UNIV 1001 - Univ Success or ENGR 1000 <sup>1</sup>	1	PHYS 1065 - Physics Lab for Sci & Engr II	1
<b>Total Hours</b>	<b>15</b>	<b>Total Hours</b>	<b>16</b>
<b>Second Year of Enrollment</b>			
<b>First Term</b>		<b>Second Term</b>	
<b>Course Prefix &amp; Number</b>	<b>Credit Hours</b>	<b>Course Prefix &amp; Number</b>	<b>Credit Hours</b>
ENGL 2152 - Technical Writing	3	CHEM 1017 - General Chemistry I	3
ENME 2750 - Dynamics	3	ENCE 2311	1
MATH 2134 - Calculus III	4	ENCE 2351	3
MATH 2221 - Elem Differential Equations	3	ENME 2770	3
NAME 2160 - Hydrostatics and Stability	3	ENME 3716	1
		ENME 3720	3
		NAME 2130 - Intro to Marine Engineering	3
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>17</b>
<b>Third Year of Enrollment</b>			
<b>First Term</b>		<b>Second Term</b>	
<b>Course Prefix &amp; Number</b>	<b>Credit Hours</b>	<b>Course Prefix &amp; Number</b>	<b>Credit Hours</b>
Art Elective	3	ENEE 2550 - Circuits I	3
ENME 2740 - Structs & Prop of Materials	3	ENGL Literature Elective	3
MATH 3221 - Meth Differential Equations or ENME 3020 - Engineering Analysis	3	NAME 3131 - Marine Engines	3
NAME 3120 - Ship Hull Strength	3	NAME 3155 - Marine Hydro Lab	1
NAME 3150 - Ship Resistance & Propulsion	3	NAME 3160 - Offshore & Ship Dynamics I	3
ECON 1203 - Microecon or 1330 - Intro to Financial Literacy	3	NAME 3171 - Marine Design Methods	3
<b>Total Hours</b>	<b>18</b>	<b>Total Hours</b>	<b>16</b>
<b>Fourth Year of Enrollment</b>			
<b>First Term</b>		<b>Second Term</b>	
<b>Course Prefix &amp; Number</b>	<b>Credit Hours</b>	<b>Course Prefix &amp; Number</b>	<b>Credit Hours</b>
ENGR 3090 - Senior Seminar	1	Biology Elective	3
NAME 3135 - Marine Electromech	3	NAME 4175 - Marine Design Project	3
NAME 4170 - Marine Design	3	NAME 4000 - level Electives	6
NAME 4000 - level Electives	6	Social Science Elective	3
PHIL 2201 - Ethics	3		
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>15</b>
<b>Total Degree Hours</b>			<b>129</b>

<sup>1</sup> UNIV 1001/ENGR1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in naval architecture and marine engineering degree, which requires 128 credit hours.