

STUDENTS ENTERING FALL 2020 (Requirement Term)

Total Units: 120

03/04/2019

**OCEANOGRAPHY
CURRICULUM ROADMAP**

Subject to Change

<p>FALL 2020 EGL 100 English Composition (Area A1) OCN 100 Marine Biology* (Area B2) OCN 100L Marine Biology Lab* (Area B3) CHE 110 General Chemistry I* (Area B1) CHE 110L General Chemistry Lab I* Area E</p>	<p>3.0 3.0 1.0 3.0 1.0 3.0 14.0</p>	<p>SPRING 2021 EGL 220 Critical Thinking (Area A2) OCN 110 Marine Ecology* OCN 110L Marine Ecology Lab* CHE 210 General Chemistry II* CHE 210L General Chemistry Lab II* MTH 210 Calculus I*</p>	<p>3.0 3.0 1.0 3.0 1.0 4.0 15.0</p>	<p>SUMMER 2021</p>	
<p>FALL 2021 EGL 110 Speech Communication (Area A3) GOV 200 American Government (Area D) PHY 100 Physics I* PHY 100L Physics I Lab* MTH 107 Elementary Statistics* (Area B4) OCN 200 Oceanography I*</p>	<p>3.0 3.0 3.0 1.0 3.0 3.0 16.0</p>	<p>SPRING 2022 HIS 101 or 102 (Area D) Humanities (Area C2) PHY 105 Physics II* OCN 210 Oceanography II* OCN 200L Oceanography Lab*</p>	<p>3.0 3.0 4.0 3.0 1.0 14.0</p>	<p>SUMMER 2022</p>	
<p>FALL 2022 Humanities (Area C2) OCN 305 Intro. Ocean Science Research* OCN 320 Oceans and Climate* (Area B upr) OCN 330 Microbial Ecology* COM 210 Programming for Scientific Computing * COM 210L Prog. For Sci. Comp. Lab* Free Elec.</p>	<p>3.0 1.0 3.0 3.0 2.0 1.0 3.0 16.0</p>	<p>SPRING 2023 GMA 320 Ocean Environmental Management (Area D) HUM 400 Ethics (Area C2) OCN 310 Ocean. Instruments and Analysis* OCN 310L Ocean. Instruments and Analysis Lab* OCN 350 Physical Oceanography*</p>	<p>3.0 3.0 2.0 1.0 3.0 12.0</p>	<p>SUMMER 2023 OCN 300 Global Education: OCN * OCN 380 Directed Research / Co-op** OCN 380 Directed Research / Co-op Lab**</p>	<p>3.0 1.0 2.0 6.0</p>
<p>FALL 2023 Area C1 Arts EGL 3XX Project-based Communication OCN 340 Chemical Oceanography* OCN Elec. **</p>	<p>3.0 3.0 3.0 3.0 12.0</p>	<p>SPRING 2024 Area D OCN Elect** OCN Elec** Free Elec Free Elec</p>	<p>3.0 3.0 3.0 3.0 3.0 15.0</p>	<p>* Courses in Major (CGPA = 2.0 is required) ** Elective Courses in Major (CGPA = 2.0 is required) + OCN 300 Global Education: OCN will occur in summer of junior or senior year. ++OCN 380 Directed Research / Co-op may be completed in Spring or Summer of Junior year. Writing Proficiency Requirement: All students must demonstrate upper division writing competency as a graduation requirement. This may be fulfilled by passing either the Graduate Writing Exam or EGL 300 Advanced Writing</p>	