

FACULTY OF SCIENCE, APPLIED SCIENCE, & ENGINEERING

Degree Checklist—BSc. Marine Biology (declaring major Fall 2019 or later)

Last updated October 2022



Saint John

GENERAL INFORMATION				TOTAL DEGREE CREDIT HOURS (CH): 139	
FIRST NAME:		LAST NAME:		STUDENT ID:	
REQUIRED COURSES— 67-68 CH HONOURS: 76-77 CH					
<input type="checkbox"/>	BIOL 1105-Biological Principles I	3ch Y1	<input type="checkbox"/>	CHEM 1041-General Chemistry I	3ch Y1
<input type="checkbox"/>	BIOL 1205-Biological Principles II	3ch Y1	<input type="checkbox"/>	CHEM 1042-Intro Chemistry Lab I	2ch Y1
<input type="checkbox"/>	BIOL 1017-Application in Biology II	2ch Y1	<input type="checkbox"/>	CHEM 1072-General Chemistry II	3ch Y1
<input type="checkbox"/>	BIOL 1202-Intro to Marine Science	3ch Y1	<input type="checkbox"/>	CHEM 1077-Intro Chemistry Lab II	2ch Y1
<input type="checkbox"/>	BIOL 2615-Intro Zoology	5ch Y2	<input type="checkbox"/>	CHEM 2421-Organic Chemistry I	3ch Y2
<input type="checkbox"/>	BIOL 2585-Intro Ecology	4ch Y2	<input type="checkbox"/>	STAT 1793-Intro to Prob+Stats I	3ch Y1
<input type="checkbox"/>	CHOOSE THREE*: BIOL 2015-Intro Genetics (4ch, [W]); BIOL 2065-Intro Biochemistry (4ch, [W]); BIOL 2125-Intro Botany (5ch); BIOL 2245-Molecular Cell Biology (4ch); BIOL 2485-Intro Microbiology(4ch) Y2-3		<input type="checkbox"/>	STAT 2793-Intro to Prob+Stats II	3ch Y2
<input type="checkbox"/>			<input type="checkbox"/>	PHYS 1011**-Intro Physics	3ch Y1
<input type="checkbox"/>			<input type="checkbox"/>	PHYS 1022**-Intro Physics Lab	2ch Y1
<input type="checkbox"/>	BIOL 3022-Evolution	3ch Y3	<input type="checkbox"/>	GEOL 1044-Intro Geology	5ch Y1
<input type="checkbox"/>	MATH 1001-Calculus for Life Sciences	3ch Y1	<input type="checkbox"/>	HONOURS***BIOL 4090	9ch Y4
*NOTE 1: Additional courses taken from the 'CHOOSE THREE' section will count toward upper level biology requirements.					
**NOTE 2: These may be replaced with PHYS 1801 or other approved 5ch Physics.					
***NOTE 3: Honours not required to graduate.To apply for honours, speak to faculty start of year 3.BIOL4090 can count towards Biology Requirement credit hours.					
BIOLOGY REQUIREMENT—43 CH (3000-4000 LEVEL) 30 OF 43 CH MUST BE MARINE CONTENT					
<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		
NON-BIOLOGY ELECTIVES—12 CH					
<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		
FREE ELECTIVES— APPROXIMATELY 16 CH (These selections must bring the total credit hours to 139)					
<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		
ADDITIONAL DEGREE REQUIREMENTS					
<input type="checkbox"/>	12 CH of ALL courses must have significant written requirement (indicated by [W] annotation in course calendar)				

ATTENTION: Students are responsible for their own academic choices and should always consult the Academic Calendar prior to academic decisions. This checklist is an informal guide to the major. Course selections should always be checked and approved with the academic advisor. If irregularities occur the Academic Calendar is the final source for decisions. Electives must include any general degree requirements. See UNB Calendar for regulations governing course selection.

