

# Biological Sciences

## BS Marine Biology

### *Suggested Course Outline*

#### Freshman

Freshman Seminar	71-101	1	General Chemistry II & Lab	24-116/117	4
General Chemistry & Lab I	24-114/115	4	General Botany & Lab	04-112/113	4
General Education Class		3	General Education Class		3
General Zoology & Lab*	04-114/115	4	General Education Class		3
<u>Total</u>		<u>12</u>	<u>Total</u>		<u>14</u>

#### Sophomore

General Physics	25-110/111	4	Invertebrate Zoology	04-312	4
Organic Chemistry I & Lab	24-342/343	5	College Algebra	17-118	3
General Statistics	17-114	3	General Physics II & Lab	25-112/113	4
Electives		3	General Education Class		3
<u>Total</u>		<u>15</u>	<u>Total</u>		<u>14</u>

#### Summer (First & Second Term)

<u>Oceanography 1**</u>	04-351	5	<u>Oceanography 2**</u>	04-352	5
<u>Total</u>		<u>5</u>	<u>Total</u>		<u>5</u>

#### Junior

Basic Ecology	04-376	4	Genetics	04-350	3
Cell Biology	04-310	4	General Education Class		3
General Education Class		3	General Education Class		3
General Education Class		3	General Education Class		3
<u>Total</u>		<u>14</u>	<u>Free Elective</u>		<u>3</u>
			<u>Total</u>		<u>15</u>

#### Junior Summer

Additional hours at a marine lab are strongly recommended, which may replace "04-3xx" listings in the senior year.

#### Senior

Geographic Info Systems	32-365	3	Biological Science Seminar	04-419	1
Biology Practicum	04383	1	Biology electives above 300	04-3xx	4
Biology electives above 300	04-3xx	3	Elective		6
General Education Class		3	General Education Class		3
Elective		6	<u>Total</u>		<u>14</u>
<u>Total</u>		<u>16</u>			

\* Prerequisite is Bio 102/103 General Biology & Lab or two solid years of high school biology. Students with two years of high school biology may still elect to take General Biology & Lab.

\*\* Taught at the Gulf Coast Research Lab (or equivalent courses at another marine lab).

Students planning on graduate study are strongly encouraged to take 17-120 Calculus, 04-140 Microbiology, and either 27-114/115 Earth Science or (less preferably) 27-110/111 Geology.

*( Please note this outline does not supersede the requirements listed in the Northwest Undergraduate Student Catalog nor does it constitute a contractual arrangement, rather it is for information only. It is the student's responsibility to be aware of and to meet all University and Department requirements as listed in the catalog.*

*Fall 2006*