

**MARINE BOTANY, SPRING 2010**

WEEK/DATE	LECTURE	LAB ACTIVITY
1	1/07	Light
		No Lab
2	1/12	Photosynthesis
2	1/14	Water
		Herbarium; Keys
3	1/19	Seawater- <b>1<sup>st</sup> Annotated</b>
		<b>Bibliography Due</b>
3	1/21	Aquatic habitats
		Community Studies; Light measurement
4	1/26	Aquatic habitats, cont
4	1/28	Plant Classification
		Microscopes
5	2/02	Intro to the Algae
5	2/04	Cyanobacteria
		<b>Lab Practical I; Cyanobacteria</b>
6	2/09	Cyanobacteria, Prochlorophyta
6	2/11	<b>Exam I - Classification to Cyanobacteria</b>
		Field Trip- Salt Marsh, Beach Rocks
7	2/16	Chlorophyta
7	2/18	Chlorophyta cont.
		Characteristics of Chlorophyta; Collections
8	2/23	Heterokontophyta/Phaeophyceae
8	2/25	Rhodophyta
		Characteristics of Phaeophyceae; Collections
9	3/02	Intro to Phytoplankton
9	3/04	<b>Exam II- Procaryotes &amp; Macroalgae</b>
		Characteristics of Rhodophyta; Collections
10	3/09	<i>SPRING VACATION</i>
10	3/11	<i>SPRING VACATION</i>
11	3/16	Phytoplankton ecology, etc
11	3/18	Fungi, Lichens, Bryophytes, etc.
		Field Trip - Masonboro Island
12	3/23	Vascular Plant Overview
12	3/25	Coastal Plant Adaptations
		<b>Lab Practical II - Eucaryotic algae</b>
13	3/30	<b>Exam III - Phytoplankton to</b>
		<b>Vascular Plant Overview</b>
13	4/01	<i>EASTER VACATION</i>
14	4/06	Seagrasses
		Characteristics of Phytoplankton; collections
14	4/08	Seagrasses
		Characteristics of seagrasses, marshes and mangroves; collections
15	4/13	Salt Marshes
15	4/15	Mangroves
		<b>Lab Practical III - Higher Plants; collections</b>
16	4/20	Mangrove cont.
16	4/22	Lithophytic communities
		<b>Turn in Herbarium collection; Lab Cleanup</b>
17	5/04	8:00-11:00am <b>Final Exam (IV) - Coastal Plant Adaptations to Biotic Effects</b>