

**Biology 111: Marine Biology of the Chesapeake Bay  
Lecture Syllabus, SPRING, 2007**

<u>Date</u>	<u>Lecture</u>	<u>Reading</u>
1/16	Introductions to the course & service learning	
1/18	Introduction to the Chesapeake Bay Estuary & Watersheds	p. x-xvi
1/23	Virginia Standards of Learning (Guest Lecture: Dr. Tricia Stohr-Hunt; Department of Education)	HO = Handout
1/25	What is Marine Biology?	HO
1/30	Chemical and Physical Features of the Oceans	HO
2/1	Chemical and Physical Features of the Oceans	HO
2/6	Geology and Ecology of the Bay	HO & Ch. 1
2/8	Ecology of the Bay (EcoBeaker: Varieties of Competition)	HO & Ch. 1
2/13	Stressors on the Beach & Organismal Adaptations	Ch. 2
2/15	Tides and the intertidal zones of the Bay	HO & Ch. 3
2/20	EXAM ONE	
2/22	Shallow Waters in the Bay	Ch. 5
2/27	Life in the Plankton	Ch. 5
3/1	Life in the Plankton: Food Webs	HO & Ch. 5
3/6	SPRING BREAK	
3/8	SPRING BREAK	
3/13	Oysters in the Bay	HO & Ch. 8
3/15	Blue Crabs and the Blue Crab Fishery	HO
3/20-22	Project Organization/Refinement and Practice Presentations	
3/27	VISIT OVERBY SHEPPARD	
3/29	VISIT OVERBY SHEPPARD	
4/3	Deeper Waters of the Bay & Infrequent Visitors	Ch. 9
4/5	EXAM TWO	
4/10	Chesapeake Bay Foundation (Guest Lecture: Dr. Bill Portluck Senior Educator for the Bay)	
4/12	EcoBeaker: Sewage	
4/17	Environmental Problems: Watershed Issues & Climate Change	HO
4/19	Environmental Problems: Overfishing	HO
4/24	Environmental Problems: Pollution & Eutrophication	HO
4/26	Environmental Regulations & Improvements	HO

FINAL EXAM: April 30, 2007 9AM-12PM

\*\*\*Note that this schedule may be modified if opportunities arise that benefit the course.

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1/16 or 18	Scientific Method – Mythbusters	
1/23 or 25	Ecological Sampling in and out of the water Classification of Animals & Plants Intro to Organism ID	On-campus
<b>1/27</b>	<b>SATURDAY MEETING An Introduction to the ecosystem and watershed.</b>	<b>Chesapeake Bay</b>
1/30 or 2/1	Lab Meets on 1/27	
2/6 or 8	Lab Meets on 1/27	
2/13 or 15	Research and Instructional Project Design Podcasts, instructional modules, etc.	
2/20 or 22	Species of the Intertidal Flats & Piers & Jetties	In Lab & Chs. 3 & 4
2/27 or 3/1	Species of the Shallow Water & Seagrass Meadows	In Lab & Ch. 5&6
3/6 or 8	SPRING BREAK	
3/13 or 15	EcoBeaker: Go Fish	In Lab
3/20 or 22	Project Work	In Lab
3/27 or 29	VISIT OVERBY-SHEPPARD	Off-campus
4/3 or 5	Meets on 3/31	
<b>3/31</b>	<b>SATURDAY MEETING Water quality sampling Mapping Out Student Activities</b>	<b>Chesapeake Shore</b>
4/10 or 12	Student Presentations	In Lab
4/17 or 19	Student Presentations	In Lab
4/24 or 26	Student Presentations	In Lab

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