

Biology 103 L Syllabus

Lab Text: Environmental Science Laboratory (Pike and Krebs)

Lecture Text: Environmental Science (Miller – 9th edition)

Environmental Biology Laboratory (Biol 103 L) complements Biology 103, the Environmental Biology lecture. You must be enrolled in Biology 103 Lecture and Biology 103 Lab at the same time. Course objectives are as follows: 1) to reinforce the process of the Scientific Method; 2) to introduce you to the scope of biological diversity and ecology while emphasizing the unifying theory of evolution; 3) to describe some of today's major environmental concerns, and 4) to illustrate principles of plant anatomy and physiology.

Week of	Chapter	Page	Lab
Aug. 26	Lab 1	1	Scientific Method – Habitat Selection
Sept. 2	Lab 2	10	** Organismal Survey
Sept. 9	Lab 3	24	Mercury Project
Sept. 16	Lab 4	33	** Population Studies – Survivorship Curves
Sept. 23	Lab 5	41	Mercury Project Revision of Powerpoint
Sept. 30	Lab 6	62	** Recycling / Green Building
Oct. 7	Lab 7	72	Mark-Recapture
MIDTERM			
Oct. 14	Lab 8	77	Soil Size and Plant Growth
Oct. 21	Lab 9	85	Mercury Project
Oct. 28	Lab 10	86	Pesticide Resistance / Finish Soil Size lab
Nov. 4	----- FALL BREAK	-----NO BIOL 103L LABS	-----
Nov. 11	Lab 11	94	** Alternative Energy: Solar Power
Nov. 18	Lab 13	120	ArcView and GIS (Computer Simulation)
Nov. 25	-----Thanksgiving Break – No 103 Labs this week.	-----	-----

Your Lab Grade counts as 25% of the Biology 103 Course Grade.
Lab and Lecture MUST be taken at the SAME time.

**** Indicates an outside lab and / or field trip. Dress Appropriately.**