

BSC2011 Laboratory Schedule for Term 20242 Session 1, Spring, 2024. South Campus  
 Lab Manual: Pendarvis and Crawley. 2018. BSC2011L Lab Manual Custom: Broward College South EBL3  
 2011. 3ed. Morton: Englewood. ISBN: 9781640434646 **Lab meetings on Thursday**

Required materials: Lab Coat (full length) - available at bookstore [paper coats are acceptable]  
 Safety Glasses - available at bookstore

Handouts must be printed prior to lab

For course resources follow the link: <https://sites.broward.edu/science-wellness-south/biological-science/>

DATE	LAB	EXE.	TOPIC
January 11	1	Lab HO 16 (16.1.1 only),	Lab Safety (Handout) "Mystery of Mysteries" <b>Introduction to Antibacterial Properties of Plants project</b>
January 18	2	17 (all)	"Making Sense of Diversity"
January 25	3	19 (all; 19.5 demo) & HO	"The Good, the Bad, and the Ugly" <b>Simulation of epidemic HO</b> <b>Submit plant selection and rationale</b>
February 1	4	20 (skip 20.1:2-3; 20.3:1(demo))	"This Fine Mess" <b>(Remember to bring plant for next Lab)</b> <b>Simulation of epidemic data collection</b>
February 8	5	HO	<b>Plant project-extraction and plating</b>
February 15	6	21 (all) & 22 (all; 22.4:3 (demo)) HO	"The Green Machine – Understanding the Nonvascular Plants" "The Green Machine – Understanding the Seedless Vascular Plants" <b>Plant project-data collection</b> <b>Stomata Experiment--Set up (HO)</b>
February 22	7	24 (skip 24.4:4) 25 (all) HO	"The Green Machine – Understanding the Seed Plants – Angiosperms" "The Green Machine-Understanding Roots, Stems, and Leaves" <b>Stomata Experiment--Data collection (HO)</b>
February 29	8		<b>Plant project poster presentations</b>
March 14	9	28 (all)	"Animal Planet – Understanding Creatures from the Sea"
March 21	10	29 (skip 29.1:3; 29.2:1)	"Animal Planet – Understanding the Lophotrochozoans"
March 28	11	30 (30.1:1 (demo); skip 30.4:1)	"Animal Planet – Understanding the Ecdysozoans"
April 4	12	31 (skip 31.1:1) & 32 (32.1:1 demo)	"Animal Planet – Understanding the Deuterostomes" "The Cutting Edge – Understanding Vertebrate Dissections"
April 11	13	35 (Skip 35.2.3) HO (2)	"Homo sapiens -- Understanding Cardiovascular and Respiratory Systems" Spirometer HO & <b>Lung Volume Experiment</b> HO
April 18	14	34 (34.1; 34.2.1; 34.3; 34.4; 34.5; 34.6)	"Homo sapiens -- Understanding Nervous System and Special Senses" <b>Lung Volume Data due</b>
April 25	15		<b>Final lab report due</b>

(Note: ASC -Academic Success Center, Located on Second floor of Bldg. 72-237)

**\*\*Important dates:** March 4-10 – No Classes- Spring Break  
 March 22 -- Last Day to Withdraw