

BIOLOGY 343 TENTATIVE COURSE OUTLINE

July 5th to July 30th, 2010

Instructor: Shona Ellis, *Phone:* 604-822-9728, *Office:* rm 3203 or 2508 (BioSci)

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Lectures: Monday, Wednesday, Thursday, and Friday, 10:30 – 12:30, Wesbrook 201

Labs and Field Trips: Monday, Wednesday, Thursday, and Friday, 1:30 – 4:30, Rm 3001

Teaching Assistant: Chris Lee

Textbook: Levetin, E. and K. McMahon 2005 Plants and Society.

Website: www.vista.ubc.ca *Lab Fee:* \$20.00

<i>Date</i>	<i>Lectures</i>	<i>Labs and Field Trips</i>
July 5	Unit 1 - Introduction	Field Trip: Pacific Spirit Park
July 7	Unit 2 - Plant Structure	Lab #1: Plant Structure I
July 8	Unit 2 - Plant Structure (cont)	Lab #1: Plant Structure I (Quiz #1)
July 9	Quiz #2 Library Orientation (meet at rm 2361)	Lab #2: Plant Structure II
July 12	Field Trip: UBC Arboretum	Unit 3 - Origins and History of Agriculture (and other Food Plants)
July 14	Unit 4 - Flowers to Fruit	Lab #3: Plant Reproduction (Quiz #3)
July 15	Unit 5 - Plant Biotechnology, Genetically Modified Plants	Lab #4: Plant Families I
July 16	Special Topic (not optional): Plants to Dye For	Optional Activity: Plants to Dye For
July 19	Unit 6 - Spice Trade	Lab #5: Plant Families II (Quiz #4)
July 21	Field Trip: UBC Farm	Lab #6: Plant Families III
July 22	Unit 7 - Substances Extracted from Plants	Field Trip: China Town
July 23	Unit 8 - Stimulating Beverages	Field Trip: Anthropology Museum
July 26	Unit 9 – Medicinal and Poisonous Plants	Lab #7: Medicinal and Poisonous Plants – <i>Extraction</i> (Quiz #5)
July 28	Final Lab Exam, rm 3001	Antibiotic Assay Unit 9 - Medicinal and Poisonous Plants (cont)
July 29	Class Presentations	Antibiotic Assay Data Collection Unit 10 - Ethnobotany
July 30	Class Presentations	Class Presentations (Poster Session)

***Fieldtrips:** Pacific Spirit Park and the UBC Arboretum are mandatory. You should attend at least two additional fieldtrips. One fieldtrip is offered outside of class time: Botanical Garden, July 27 at 10:00 (meet at the UBC Botanical Garden at the front)