

BIOLOGY 325 – TREE BIOLOGY – COURSE OUTLINE - FALL 2014

Course Instructors: Dr. Barbara Hawkins
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DATE	LECTURE – ECS 130	LABORATORY – CUNN 118
Sept.	3-W 1. Introduction (BH)	
	5-F 2. Tree morphology & anatomy (JE)	Sept. 5 No lab
	9-T 3. Tree morphology & anatomy (JE)	
	10-W 4. Tree morphology & anatomy (JE)	
	12-F 5. Tree morphology & anatomy (JE)	Sept. 12 Tree Architecture
	16-T 6. Tree morphology & anatomy (JE)	
	17-W 7. Tree morphology & anatomy (JE)	
	19-F 8. Tree biogeography (BH)	Sept. 19 Tree Identification
	23-T 9. Tree biogeography (BH)	
	24-W 10. Tree biogeography (BH)	
	26-F 11. Guest lecture Dr. C. Filipescu, Pacific Forestry Centre	Sept. 26 Wood Anatomy
Oct.	30-T 12. Adaptation & acclimation (BH)	
	1-W 13. Annual cycles (BH)	
	3-F 14. Annual cycles (BH)	Oct. 3 Fruit Trees & More, Bob & Verna Duncan
	7-T 15. Soils & nutrients (BH)	
	8-W 16. Mycorrhizae (BH)	
	10-F MIDTERM	Oct. 10 No lab
	14-T 17. Tree reproductive biology (JE)	
	15-W 18. Tree reproductive biology (JE)	
	17-F 19. Tree reproductive biology (JE)	Oct. 17 Library lab, LIB 130 , Ms. K Matthews
	21-T 20. Drought (BH)	
	22 W 21. Flooding (BH)	
24-F 22. Fire (BH)	Oct. 24 Mycorrhizae - Field, Dr. M. Kranabetter, FLNRO	
28-T 23. Pests & pathogens (BH)		
29-W 24. Pests & pathogens (BH)		
31-F 25. Pests & pathogens (JE)	Oct. 31 Mycorrhizae - Lab, Dr. M. Kranabetter	
Nov.	4-T 26. People & trees (BH)	
	5-W 27. People & trees (BH)	
	7-F 28. Tips for talks (BH)	Nov. 7 Culturally Important Trees
	11, 12 READING BREAK	
14-F 29. People & trees (BH)	Nov. 14 Student Presentations	

Nov.	18-T	30. Trees & pharmaceuticals (JE)	
	19-W	31. Trees & biofuels (JE)	
	21-F	32. N-fixing trees (JE)	Nov. 21 Student Presentations
	25-T	33. Guest lecture – Forest genetics Dr. J. Russell, FLNRO	
	26-W	34. Tree genomics (JE)	
	28-F	35. Tree biotechnology (JE)	Nov. 28 Student Presentations
Dec.	2-T	36. Guest lecture – Urban forestry	
	3-W	37. Review	

Requirements:	Midterm exam	25%
	Essay	20%
	Oral presentation	5%
	Laboratory	15%
	Final exam	35%

Grading system:	Percentages converted to letter grades				
A+ 90-100	A 85-89	A- 80-84	B+ 77-79	B 73-76	B- 70-72
C+ 65-69	C 60-64	D 50-59	F 0-49		

There will be no supplemental exam. No electronic devices will be permitted during any exam.

Please note – the midterm cannot be deferred. If you miss the midterm but provide a doctor's note, your final mark will be calculated on the basis of the other completed components of the course, and you will not incur any penalty. We assign a zero for any missed elements. Failure to complete more than two important parts of the course (missed lab assignments, missed midterm) will result in being banned from the final.

Students must abide by academic regulations as set out in the university calendar. They must observe standards of scholarly integrity with regards to plagiarism and cheating. Please refer to UVic Academic Calendar webpage below <http://web.uvic.ca/calendar2014-09/FACS/UnIn/UARe/PoAcI.html>

Important dates (from UVic calendar)

Sept. 16, Tuesday: Last day to drop courses for a 100% reduction of tuition fees for first term courses.

Sept. 19, Friday: Last day for adding this course.

Sept. 30, Tuesday: Last day for paying first-term fees without financial penalty.

Oct. 13, Monday: Thanksgiving

Oct. 7, Tuesday: Last day to drop courses for a 50% reduction of tuition fees. 100% of tuition fees will be assessed for this course dropped after this date.

Oct. 31, Friday: Last day for dropping this course without penalty of failure.

Nov. 10-12, Monday -Wednesday: Reading Break (all Faculties).

Dec. 3, Wednesday: Last day of class in the first term.

Dec. 8 – 22: Monday – Monday: Examination period