

**BIOL 418
FOREST ECOLOGY
Spring 2022**

Monday & Thursday: 11:30 am – 12:50 pm
Cornett Building (COR) Rm. A120

Instructor: Kennedy Boateng
Office: CUNN 019 Office hours: Mon. 3:30-4:30; Th. 3:00-4:00
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LECTURE TOPICS

<i>Date</i>	<i>Days</i>	<i>Topic</i>	<i>Chapters in Perry et al</i>
Jan. 10	M	Introduction	
Jan. 13/17	Th/M	Ecology and ecosystem concepts	1 & 2
Jan. 20/24	Th/M	Global ecosystem and climate controls	3 & 4
Jan. 27/31	Th/M	Local variation in community type and disturbances	5 & 7
Feb. 3/7	Th/M	Ecological role of wind, fire and Water	7 & other readings
Feb. 10/14	Th/M	Ecological role of radiation and temperature	7 & other readings
Feb. 17	Th	Ecological succession	8
Feb. 21-25	M-F	READING BREAK	
Feb. 28	M	MIDTERM EXAM	
Mar. 3	Th	Structure of local ecosystem	9
Mar. 7/10	M/Th	Ecological significance of forest soil	14
Mar. 14/17	M/Th	Primary productivity	15
Mar. 21/24	M/Th	Biogeochemical cycling	17 & 18
Mar. 28	M	Herbivory in forest ecosystem	19
Mar. 31	Th	Ecosystem stability	20 & 21
Apr. 4	M	Ecosystem stability	20 & 21
Apr. 7	Th	The future - climate change and resource management	23

Textbook: Perry et al., 2008. Forest Ecosystems, 2rd Edition, John Hopkins University Press, MD (required – available from the UVIC Bookstore).

GRADING

Lecture:	Midterm exam	20%
	Final exam	40%
Lab:		40%

Total		100%

Grade assignment:	A+	90-100%	B-	70-72%
	A	85-89%	C+	65-69%
	A-	80-84%	C	60-64%
	B+	77-79%	D	50-59%
	B	73-76%	F	0-49%