

**BIOL 418  
FOREST ECOLOGY  
Spring 2020**

Instructor: Kennedy Boateng  
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**LECTURE TOPICS**

<i>Date</i>	<i>Days</i>	<i>Topic</i>	<i>Chapters in Kimmins</i>
Jan. 7	Tu	Introduction	
Jan. 8/10	W/F	Ecology in forest management	1 & 2
Jan. 14/15	Tu/W	Ecology and ecosystem concepts	3
Jan. 17-22	F/Tu/W	Production ecology	4
Jan. 24-31	F/Tu/W/F	Biogeochemistry	5
Feb. 3-7	Tu/W/F	Ecological role of radiation and temperature	7 & 8
Feb. 10-14	Tu/W/F	Ecological role of wind, water and fire	9, 10 & 12
Feb. 17-21	Tu/W/F	READING BREAK	
<b>Feb. 25</b>	<b>Tu</b>	<b>MIDTERM EXAM</b>	
Feb. 26-28	W/F	Ecological significance of forest soil	11
Mar. 2-6	Tu/W/F	Population ecology	14
Mar. 9-13	F/Tu/F	Community ecology	15
Mar. 16-20	Tu/W/F	Ecological succession	17
Mar. 23-25	Tu/W	Forest disturbances	18
Mar. 27/31	F/Tu	Landscape ecology	19
Apr. 1-3	W/F	Climate change and resource management	20 & 21

**Textbook:** Kimmins, J. P. 2004. Forest Ecology: A Foundation for Sustainable Forest Management and Environmental Ethics in Forestry. 3<sup>rd</sup> Edition, Prentice-Hall, NJ.

Copies of this text will be at the reserve desk in the Uvic library and Instructor's office for sign out.

### GRADING

<b>Lecture:</b>	Midterm exam	60 marks (20%)
	Final exam	120 marks (40%)
<b>Lab:</b>		140 marks(40%)

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<b>Total</b>		320 marks(100%)
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<b>Grade assignment:</b>	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%