

GEOGRAPHY/ENVIRONMENTAL STUDIES 1150FA / 1170FA

The Environment

Content Current environmental issues will be examined using a geographical approach that stresses the interrelationships between environments and societies. Such issues are seldom completely new, but have evolved over decades or even centuries. A short overview of the various issues and approaches to resolving them will allow students to place environmental issues within a historical framework. The major physical and societal components of the earth/atmosphere system will then be considered to provide a base for the understanding of the nature and development of modern environmental concerns. The causes, characteristics and impacts of specific environmental problems will be examined to explore potential solutions through consideration of such elements as technology, politics, economics and planning and management.

Instructor Dr. Robert Stewart, Associate Professor, Chair of the Department of Geography,
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Text Dearden, Philip and Mitchell, Bruce (2016). *Environmental Change and Challenge* (5th Edition), Oxford University Press, Don Mills, Ontario, Canada

Classes Tuesdays and Thursdays 4:00pm – 5:30pm (UC 2011)

Labs 1170 Geography Majors Mondays 2:30pm – 5:30pm (RC 2003 & ATAC 3009)
1170 NRMT Majors Thursdays 11:30pm – 2:30pm (BB 1075)

1150 MARK ASSESSMENT

Midterm Exam 1	25%
Midterm Exam 2	25%
Final Exam	50%

1170 MARK ASSESSMENT (Those enrolled in Lab Component)

Midterm Exam 1	15%
Midterm Exam 2	15%
Final Exam	30%
Lab Assignments	40%

FALL TERM 2016 (subject to some adjustment)

Week 1 (Sept. 5 & 7)	Environment, Resource and Society (Chapter 1)
Week 2 (Sept. 12 & 14)	The Ecosphere: Energy flows and Ecosystems (Chapter 2)
Week 3 (Sept. 19 & 21)	Ecosystems are Dynamic (Chapter 3)
Week 4 (Sept. 26 & 28)	Ecosystems and Matter Cycling (Chapter 4)
Week 5 (Oct. 3 & 5)	Midterm Review and Exam 1
Week 6 (Oct. 10 & 12)	(Fall Study Break: No Classes)
Week 7 (Oct. 17 & 19)	Climate Change (Chapter 7)
Week 8 (Oct. 24 & 26)	Oceans and Fisheries (Chapter 8)
Week 9 (Oct. 31 Nov. 2)	Forests (Chapter 9)
Week 10 (Nov. 7 & 9)	Midterm Review and Exam 2
Week 11 (Nov. 14 & 16)	Agriculture (Chapter 10)
Week 12 (Nov. 21 & 23)	Water (Chapter 11)
Week 13 (Nov. 28 & 30)	Urban Environmental Management (Chapter 13)