

Tentative Course Schedule

Date	Day	Topic	Comments	Text	reading
30-Aug	R	Introduction to the Course and examples of the Scientific Process		Bill Bryson	1-29
4-Sep	T	A Little Chemistry and Thermodynamics	Topics for presentations discussed	Bill Bryson	115-173
6-Sep	R	Biosphere of Earth and Mars. Examples of Environmental Degradation		Lovelock E.O. Wilson	30-37 & 59-78 103-129
11-Sep	T	The Science Behind the Greenhouse Effect		E. O. Wilson Bill Bryson	161-163
13-Sep	R	<i>An Inconvenient Truth</i>	movie night		
18-Sep	T	Dangerous Earth		Bill Bryson	187-224
20-Sep	R	Respiration and Photosynthesis The Impact of Microbes on the Biosphere	handout	E.O. Wilson Lester Brown	103-128 59-78
25-Sep	T	DNA, genes and inheritance			
27-Sep	R	proteins			
2-Oct	T	Darwin's Dangerous Idea: Evolution	in class movie	Bill Bryson E.O. Wilson	TBA chapter 6
4-Oct	R	Extinction		E.O. Wilson	42-102
9-Oct	T	The Commons Game		Wackernagel Edwards	chapter 1
11-Oct	R	Sustainability I - what is it? Guest Lecture		Wackernagel and Rees Edwards	chapter 2 1-48
16-Oct	T	Sustainability II: Ecological Foot Prints		Edwards	97-122
18-Oct	R	<i>FALL BREAK</i>		Edwards	123-140
23-Oct	T	Sustainability III: Ecological Foot Prints		Wackernagel and Rees	chapter 3 & 4
25-Oct	R	Sustainability IV: Future Pathways	Exam I		
30-Oct	T	A Civilization in Trouble Human demography	Exam I Due	Lester Brown	0-40
1-Nov	R	Nova Film I: The World in Balance: The Population Paradox	in class movie		
6-Nov	T	Educating Women Around the World and Global poverty		Lester Brown	chapters 7 & 8
8-Nov	R	Genetic Engineering		McKibben E.O. Wilson	chapter 1 114-118
13-Nov	T	Global Food Production		Lester Brown	chapter 9
15-Nov	R	Water Shortages	movie night <i>Mind Walk</i>	Lester Brown	40-58
20-Nov	T	<i>THANKSGIVING BREAK</i>			
22-Nov	R	<i>THANKSGIVING BREAK</i>			
27-Nov	T	Staying Human in an Engineered Age		McKibben	whole book
29-Nov	R	Alternative Living Styles & Eco-Villages		Lester Brown	chapter 11
4-Dec	T	Building a New Future	Exam II	Lester Brown	chapter 13
6-Dec	R	Discussions	Exam II Due	E.O. Wilson	chapter 7
11-Dec	T	STUDENT PRESENTATIONS I			
13-Dec	R	STUDENT PRESENTATIONS II			
TBA		Finals Week	Final Paper Due		

