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Spring 2-1-2022

### ENST 231H.01: Nature and Society

Ashley L. Preston

*University of Montana, Missoula*, [ashley.preston@umontana.edu](mailto:ashley.preston@umontana.edu)

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## ENST231H Spring 2022 Schedule

### Weeks 1 & 2: Where are we now?

#### Weeks 1 & 2

- 1/18 Tuesday Course overview and introduction
- 1/20 Thursday **Read:** *Journey of the Universe (JU)*(in entirety before class)  
**Watch:** Wilson's The Future of Everything (video)  
**Write:** 3 questions you have about the reading and the videos  
**Select:** 2 passages/claims that provoke or surprise you
- 1/25 Tuesday **Read:** Wilson *Diversity*  
Ehrlich *Extinction*  
**Write:** 3 questions you have about the readings  
**Select:** 2 passages/claims that provoke or surprise you
- 1/27 Thursday **Read:** Sachs *Anthropocene*  
Steffen et al. *The Trajectory of the Anthropocene...*  
(explains methodology/rationale of the materials in the IGBP Dashboard and Great Acceleration links)  
Hettinger *Valuing Naturalness in the Anthropocene* (recommended)  
**Read/Review:** Resources links especially  
*IGBP Planetary Dashboard*  
*Great Acceleration* (x3)  
**Write:** 3 questions you have about the readings  
**Select:** 2 passages/claims that provoke or surprise you  
**DUE Journal/Forum 1 12:30 p.m.**
- Discussion:** *Where are we now? The statistics, the evidence, and the outlook.*

### Weeks 3 – 9: How did we get here?

#### Week 3: Ishmael and Creation Stories

- 2/1 Tuesday **Read:** *Ishmael* (in entirety; completed before class)  
**DUE Journal/Forum 2 12:30 p.m.**  
**Discussion:** Fact and Fiction: Stories that resonate
- 2/3 Thursday **Read:** Creation Stories 01 - 06 (folder in Moodle)  
\*Hillel *The Natural History of the Bible--Appendix ONLY*" isn't a creation story but goes with Genesis reading  
*The Stories We Tell and Why We Tell them* (URL)  
**Review:** *Journey of the Universe* Chapters 8 & 9  
*Ishmael* Chapter 9 (pp. 151-184)  
**Discussion:** The power of the story; takers and leavers; creation stories  
*"Given a story to enact...": the power of the story; takers and leavers; the stories we tell ourselves about our beginnings...*

#### Week 4: Human Evolution and Adaptation

- 2/8 Tuesday **Read** Rasmussen "Sweet Betsy and Her Avalanche"  
Wilson "Riddle of the Human Species"  
Poggie "Evolution of Human Adaptations"  
Hillel "Environment and Culture" from *A Natural History of the Bible*  
Poggie "Culture"  
**DUE Essay 1 working thesis 5:00 p.m.**
- 2/10 Thursday **Read** *Diamond Guns, Germs, and Steel* (GGS) excerpts (x3)  
**Discussion:** *What story does modern history and anthropology tell us of*

our beginnings?

**DUE** Final creative project ideas 5:00 p.m.  
**DUE** Essay 1 working list of references 5:00 p.m.

Week 5a: Agriculture and Urbanization

2/15 Tuesday **Emergence of Agriculture & Rise of the City (5a)**  
*All readings in Moodle*  
**Read** Diamond *Guns, Germs, and Steel* (GGS) Chapters 4-6  
Zeder *Agricultural Origins in the Ancient World* (pp. 171-173; 179-183)  
Palen A & B *The Urban World (UW)* Chapter 2, pp. 21 – 36 (aka:74 – 90)  
**Review** *Ishmael*, pp. 198 - 207 (Ch. 10, sections 6 - 8)  
**Watch** *Guns, Germs, and Steel* NatGeo Pts 2 & 3 (videos)  
**DUE** **Outline Essay 1 5:00 p.m.**

Week 5b: Ancient Greece and Rome

2/17 Thursday **Hellenistic Age and Rise & Fall of the Roman Empire (5b)**  
**Beliefs, culture, and land use**  
**Read** Palen B *The Urban World* Chapter 2, pp. 36 -42 (aka: 90 - 96)  
Ferkiss "To Serve Man or to Serve Nature?" from  
*Nature, Technology and Society (NTS)* **MD**  
Marshall *Nature's Web (NW)* Early Greece: Gaia **MD**  
Thommen *Environmental History of Greece* **MD**  
Marshall *Nature's Web (NW)* Romans: Way of the Soldier **MD**  
Thommen *Environmental History of Rome* **MD**  
Folders (2) Original texts from Greek and Roman thinkers **MD**  
**DUE** **Journal/Forum 3 12:30 p.m.**

Week 6: Med. Church and Sci Revo

2/22 Tuesday **The Medieval Church**  
**Read** White "The Historical Roots..." MD  
Gottlieb *TSE* "Bible Excerpts" (from bottom p. 80 - 89) MD  
Mumford "Medieval Towns" MD  
Palen B & C: *UW* "Emergence of Cities" Ch2, pp. 42 - 55 /96 – 109 MD  
Original sources strongly recommended; at least read for "big ideas"  
**Open and Review** Essay 2/Comparative Essay Instructions  
**DUE** **Essay 1 5:00 p.m.**

2/24 Thursday *The Scientific Revolution*  
**Read** Marshall *NW* "The Scientific Revolution" MD  
Marshall *NW* "Philosophers of the Brave New World" MD  
Original sources strongly recommended as per above  
**DUE** **Journal/Forum 4 12:30 p.m.**

Week 7: Enlightenment and Ind. Revo

3/1 Tuesday *The Enlightenment*  
**Read** Marshall *NW* "Enlightenment" MD  
Locke "Of Property" MD  
Rousseau "On Inequality" MD  
Montesquieu "The Spirit of the Laws" (optional)MD  
Hobbes "Leviathan" (optional)MD

3/3 Thursday *The Industrial Revolution*  
**Read** Ferkiss *NTS* "Technology Triumphs: The Industrial Revolution" MD  
Marx "The Commodity" MD  
PalenC *UW* "Emergence of Cities" (pp. 55 - 57/109 - 111) MD  
**DUE** **Journal/Forum 5 12:30 p.m.**

3/7 Monday **DUE Revised Essay 1 by 5:00 p.m.**

Week 8: A new theory and a new world

**3/7 Monday DUE Revised Essay 1 by 5:00 p.m. (link in previous learning unit)**

3/8 Tuesday **A New Theory**

**Read** All readings found in Darwin folder MD  
Darwin, *Origin of Species* (Selections 1) MD  
Worster, *Nature's Economy* "Scrambling for Place" MD  
Kolbert, *Sixth Extinction* (selections) MD  
**Watch** BBC Charles Darwin and the Tree of Life  
The Making of a Theory: Darwin, Wallace, and Natural Selection  
**DUE Journal/Forum 6 12:30 p.m.**

3/10 Thursday **The "New World"**

**Read** Nash, *Wilderness and the American Mind (WAMM)*, Preface, Introduction, Prologue, & Chapter 2 (textbook)[your edition may have different "prefatory" material; just read whatever is there and chapter 2]  
**DUE Journal/Forum 6 12:30 p.m.**

Week 9: Romantic Nature, Thoreau, Muir

3/15 Tuesday **Read** **The "New World"**  
Nash, *WAMM*, Ch.3 & Ch.5 (textbook)  
Solnit, Emerson, Thoreau, Wordsworth in "Romantic Nature" file MD

3/17 Thursday **Read** Muir, Teale, in "Muir" file MD  
Nash, *WAMM*, Ch. 8 (required); Ch. 10 (recommended) (textbook)  
**DUE Optional/Extra Credit Journal 1 12:30 p.m.**

**Weeks 10 – end: What then shall we do?**

Week 11: Marshall and Leopold

3/29 Tuesday **Read** Nash, *WAMM*, Ch. 11 (textbook)  
Leopold (x2) in "Leopold & Marshall" file MD

3/31 Thursday **Read** Nash, *WAMM*, Ch. 12 (textbook)  
Marshall in "Leopold & Marshall" file MD  
Wilderness Act of 1964 (in Organic Acts folder) MD  
**Watch** A Dustbowl Chicken Coop  
Jason Mark Satellites in the High Country  
**DUE Journal/Forum 7 12:30 p.m.**

Week 12: Carson and the first Earth Day

4/5 Tuesday **Read** Carson, *Lost Woods*, Selections  
Carson, *Silent Spring*, Introduction & Chapter 2  
Carson, *Silent Spring (SS)*, Ch1 pp. 1-4 (Apologies--I couldn't "combine" the scans. It is actually just 2 short pages of reading.)  
Strong, *Dreamers and Defenders*, Chapter 8

4/7 Thursday **Read** Shabecoff, *Fierce Green Fire*, Chapter 5  
Shabecoff, *Fierce Green Fire*, Chapter 6  
**DUE Optional/Extra Credit Journal 2 12:30 p.m.**

Week 13: Radical Ecologies

4/12 Tuesday

*Deep Ecology*

**Read** Devall & Sessions\_ "Principles of Deep Ecology"  
Naess\_ "Ecology: The Shallow and the Deep"

*Social Ecology*

**Read** Commoner\_ "The Closing Circle"  
Ehrlich\_ "The Population Bomb"  
Hardin\_ "Tragedy of the Commons"  
Bookchin\_ SE vs. DE

**DUE** **Essay 2 working thesis by 5:00 p.m.**

4/14 Thursday

*Ecofeminism*

**Read** Warren\_ "Power and Promise of Ecofeminism"  
Merchant\_ *Radical Ecology*\_ Ecofeminism (optional)  
Shiva\_ *Staying Alive*\_ Ch.1 (optional)

**DUE** **Journal/Forum 8 12:30 p.m.**

**DUE** **Essay 2 working list of references (APA format) by 5:00 p.m.**

Weeks 14 - 15: EJ/UJ/SJ/CC

**4/18 Monday DUE Essay 2 Outline by 5:00 p.m.**

4/19 Tuesday

*Readings found in "Environmental Justice\_ Environmental Racism" folder MD*

**Read** Mojai, et al.\_ "Environmental justice" (pp. 405 - 408, first column),  
Geisler\_ "A new kind of trouble: Evictions in Eden"  
Bullard\_ "Environmental racism and the environmental justice movement"  
Wenz\_ "Environmental justice" (Optional)  
DiChiro\_ "Nature as community: The convergence of environment and social justice"  
(optional)

**Watch** NRDC\_ "The Environmental Justice Movement" (weblink under Resources)

4/21 Thursday

*Readings found in "Urban Environmentalism" folder MD*

**Read** Gottlieb\_ "Urban and Industrial..." in *Forcing the Spring*  
Flint Water Advisory TF\_ "Final Report" Executive Summary (pp. 1-5)  
"Toxic Waste and Race at Twenty," Intro & Chapter 1  
"The Missoulian," Toxic turmoil.... (optional)

**Read/Watch** 6 YouTube videos (links directly under the Urban Environmentalism folder) (or as many as you can)

**DUE** **Journal/Forum 9**

**4/22 Friday DUE Essay 2 by 5:00 p.m.**

4/26 Tuesday

**TBD** *Readings found in "Climate Change" folder MD*

**Read** Klein\_ "Beyond Extractivism" (pp. 161 - top of 174)  
Kolbert\_ "Global Warming Science"

4/28 Thursday

TBD/Catch up

**4/29 Friday DUE Essay 2 Revised by 5:00 p.m. MST**

Week 16: Green Econ and Biomimicry

5/3 Tuesday

*Green Economics*

**Read** Hawken et al.\_ "Human Capitalism," *Natural Capitalism* MD  
Hawken et al. \_ "The Next Industrial Revolution," *Natural Capitalism* MD  
Klein\_ "Beyond Extractivism," *This Changes Everything: Capitalism vs. The Climate* MD (pp. 174 - end)

**Watch** "GE" videos in "Resources" section (as many as you can)

5/5 Thursday *Biomimicry*

**Read** Benyus\_ *Biomimicry* (excerpt) MD

**Read/Watch** Biomimicry: A History OSU MD "Resources"

How Biomimicry is Inspiring...Smithsonian MD "Resources"

...and any of the other biomimicry/Benyus videos and resources

**DUE** **Journal/Forum 10 12:30 p.m.**

Week 17: Final Exam

Monday, May 9, 8:00 a.m. – 10:00 a.m.