

ENV 151 – Introduction to Sustainability WEEKLY READING SCHEDULE – Winter 2019

Readings, videos, and other material assigned for class each day is listed here by week, followed by a full course bibliography with complete citations for each item.

You should read/watch these materials *before* the class day for which they are listed. Please see Content >> Weekly Reading Schedule for more context on each piece of material, as well as links to copies of readings, videos, and assignments. D2L information also includes recommendations of which articles to print and bring to class.

This printed list is provided as a convenience only. Please refer to D2L during the quarter for up-to-date information, deadlines, etc., and email me with any questions.

WEEK 1 - Intro

Tuesday – BioengineeringGroup 2010 (video); SkyworksHD 2011 (video)

Thursday – No pre-class readings – we'll watch *No Impact Man* documentary in class; *(optional - read after class: Green 2007)*

WEEK 2 – Ecological Footprint

Tuesday – WWF 2016 (p. 74-87 [PDF p. 39-45]); Wicker 2017; Nyborg 2016

**Complete Ecological Footprint Calculator & submit results via Google Form before class - links on D2L*

Thursday – Steffen 2010 (TED talk); Voosen 2016; IGBP 2014 (video)

**No in-class meeting on Thursday, Jan 17 – instead, complete Anthropocene assignment via D2L by Sunday, Jan 20, 11:59 pm*

**Impact Project Discussion Posts 1, 2, & 3 (see D2L Discussion boards) due Sunday, Jan 20, 11:59 pm*

WEEK 3 – The Anthropocene, Hothouse Earth, & Climate Change

Tuesday – IPCC 2018 (official Special Report release video); News coverage on latest IPCC report: BBC News 2018, Davenport 2018, Plumer et al. 2018, Irfan 2018; Vince 2014 (Intro + Ch. 1)

**Ch. 1 question answers due in class*

Thursday – Stockholm Resilience Centre 2018; Vince 2014 (Ch. 2); *(Optional, but recommended) Berwyn 2018*

**Ch. 2 question answers due in class*

**Impact Project Discussion Posts 4, 5, & 6 (see D2L Discussion boards) due Sunday, Jan 27, 11:59 pm*

WEEK 4 – The Doughnut Model of Sustainability

Tuesday – Institute on the Environment University of Minnesota 2010 (video); WWF 2016 (p. 58-71 [PDF p. 31-37]); Steffen et al. 2015 – *bring Steffen et al. paper to class for an activity*

Thursday – Raworth 2017 (p. 27-51; 254-258); Raworth 2014 (TED Talk); Vince 2014 (Ch. 7)

**Ch. 7 question answers due in class*

**Impact Project Discussion Posts 7, 8 & 9 (see D2L Discussion boards) due Sunday, Feb 3, 11:59 pm*

**Individual Project Topic due via D2L on Sunday, Feb 3, 11:59 pm*

WEEK 5 – Population & Breaking Through Gridlock

Tuesday – Wright & Boorse 2014 (p. 187-215)

Thursday – O'Reilly 2018; Albeck-Ripka 2018a

**Your attendance always important but is absolutely crucial on Thursday, Jan 24 as we'll do the in-class portion of the Breaking Through Gridlock activity which cannot easily be made up.*

**Individual Project Planetary Boundaries Worksheet due via D2L on Sunday, Feb 10, 11:59 pm*

WEEK 6 – Consumption & Design

Tuesday – Hopkins 2018; Albeck-Ripka 2018; Leonard, et al. 2007 (video); Vince 2014 (Ch. 9)

**Ch. 9 question answers due in class*

**Breaking Through Gridlock Parts 1 & 2 Worksheets due in class (if not turned in during Week 5)*

Thursday – McDonough 2007 (TED Talk); Braungart et al. 2007; Vince 2014 (Ch. 5)

**Ch. 5 question answers due in class*

**Individual Project Social Foundations Worksheet due via D2L on Sunday, Feb 17, 11:59 pm*

WEEK 7 – Food & Agriculture

Tuesday – Foley 2011 (TED Talk); Vince 2014 (Ch. 4)

**Ch. 4 question answers due in class*

Thursday – Mehrabi, et al. 2018; Garnett 2016; *may change – see D2L*

WEEK 8 – Energy & Activism

Tuesday – Thunberg 2018 (TED talk); Vince 2014 (Chs. 3 & 6); *may change – see D2L*

**Chs. 3/6 question answers due in class*

Thursday – No pre-class readings

**Individual Project Final Product due before class to D2L – we'll have a Gallery during class time to share projects*

WEEK 9 – An Optimistic Future?

Tuesday – TBD readings to prepare for our guest speaker: Kristen Pratt Kalamian (Manager of Public Engagement and Sustainability, Peggy Notebaert Nature Museum) re: Chicago Conservation Corps (C3) – *see D2L for links*

**Questions for guest speaker due during class time (to ask speaker)*

Thursday – Cribb 2017; Heinberg 2017; Reay 2018

**Breaking Through Gridlock Part 3 due via D2L on Sunday at 11:59 pm*

WEEK 10 – Envisioning a Sustainable World

Tuesday – Tollefson 2018; Figueres et al. 2018; (Optional) Rockström et al. 2017

Thursday – Meadows 1996; Vince 2014 (Ch. 10)

FINALS WEEK

No class meeting during Finals Week.

**Final Essay due via D2L on Tuesday, March 19, 1:45 pm*

**Course Reflection due via D2L on Tuesday, March 19, 1:45 pm*

COURSE BIBLIOGRAPHY - Complete citations for all of the course materials listed above

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- Heinberg, R. (2017, Aug 14). Systemic change driven by moral awakening is our only hope. *EcoWatch*. Retrieved from <https://www.ecowatch.com/climate-change-heinberg-2471869927.html>
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