**COURSE CALENDAR**

**THINK 40 Meeting the Global Sustainability Challenge**

Winter Quarter 2016

Mon Wed 1:30 – 2:20pm

Room 200-305

Week 1

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| Mon 1/4 Course Introduction (Matson)  *No readings* |  |
| Wed 1/6 Intro Continued: Sustainability Concepts and Framework (Matson)  *Readings*  Matson, Clark, & Andersson Ch.1. *Pursuing Sustainability: An Introduction* Ch.2 *A Framework for Sustainability Analysis* Appendix A. *Case Studies in Sustainability: The Yaqui Valley Case Study*, pp. 172-179 | Reading response due 1:30pm |

Week 2

**MODULE 1: FOOD SYSTEMS**

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| Mon 1/11 Food Systems Intro (Matson)  *Readings*  Foley et al 2011 Solutions for a cultivated planet  [Reganold et al. 2010. Transforming U.S. Agriculture](http://www2.grist.org/pdf/reganold-Science-05-06-11.pdf) |  |
| Wed 1/13 Food Systems Case Study: Diversified Farming Systems on the American Great Plains (Carlisle)  *Readings*  [Carlisle 2015. Lentil Underground (Prologue)](http://lentilunderground.com/wp-content/uploads/2015/12/Lentil-Underground-Prologue.pdf)  *Optional*:  [Carlisle 2015. Audits and agrarianism: The moral economy of an alternative food network](https://elementascience.org/articles/66)  [Carlisle 2014. Diversity, flexibility, and the resilience effect.](http://www.ecologyandsociety.org/vol19/iss3/art45/) | Reading response due 1:30pm  Food Data Exploration assignment posted online  **Sunday 1/17, 11pm**  Deadline to select your case study |

Week 3

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| Mon 1/18 MARTIN LUTHER KING, JR., DAY – No Class  No sections Monday or Tuesday |  |
| Wed 1/20 Food Systems Discussion Activity (Matson)  *Readings*  Connor and Minguez 2012 Evolution not revolution of farming systems will best feed and green the world  [Kremen et al 2012 Diversified Farming Systems: An agroecological, systems-based alternative to modern industrial agriculture](http://www.ecologyandsociety.org/vol17/iss4/art44/) | Reading response due 1:30pm  **Friday 1/22, 5pm**  Deadline to sign up for a civic engagement event to attend |

Week 4

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| Mon 1/25 Food Systems Panel: Patrick Archie, Jesse Cool, and Roz Naylor  *Readings*  Matson, Clark, & Andersson Ch.3 *Dynamics of Social Environmental Systems* | **Tues 1/26, 11pm**  Food Data Exploration due |
| Wed 1/27 Food Systems Panel Discussion & Op Ed Writing  Guest speaker: Tom Hayden | Reading response due 1:30pm  **Sun 1/31, 11pm**  Background research report due |

Week 5

**MODULE 2: ENERGY**

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| Mon 2/1 Energy Intro (Gerritsen)  *Readings*  TBD |  |
| Wed 2/3 Energy Case Study: Solar Power (Gerritsen)  *Readings*  TBD | Reading response due 1:30pm |

Week 6

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| Mon 2/8 Energy Case Study Discussion / Activity (Gerritsen)  *Readings*  TBD | Energy Data Exploration posted |
| Wed 2/10 Energy Panel (Gerritsen)  *Readings*  TBD | Reading response due 1:30pm |

Week 7

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| Mon 2/15 PRESIDENTS' DAY – NO CLASS  No sections Monday or Tuesday | **Tues 2/16, 11pm**  Energy Data Exploration assignment due |
| Wed 2/17 Energy Panel Discussion and Wrap-up (Gerritsen)  *Readings*  TBD | Reading response due 1:30pm  **Sun 2/21, 11pm**  OpEd First Draft due |

Week 8

**MODULE 3: WATER**

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| Mon 2/22 Water Intro (Matson)  *Readings*  TBD | Water Data Exploration assignment posted |
| Wed 2/24 Water Case Study: Carmel River (Jason Burnett)  *Readings*  TBD | Reading response due 1:30pm |

Week 9

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| Mon 2/29 Discussion of water case study (Matson)  *Readings*  TBD | **Tues 3/1, 11pm**  Water Data Exploration assignment due |
| Wed 3/2 Water Panel (Matson)  *Readings*  TBD | Reading response due 1:30pm  **Friday 3/4, 11pm**  Civic Engagement Reflection final due date |

Week 10

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| Mon 3/7 Water Panel Discussion and Summary (Matson)  *Readings*  TBD |  |
| Wed 3/9 Course wrap-up, next steps, course evaluations (Matson and Gerritsen)  *Readings*  Matson, Clark, & Andersson Ch.6. Next Steps: Contributing to a Sustainability Transition | Reading response due 1:30pm |
| Mon 3/14 No Final Exam | **Mon 3/14, 12:00pm**  Final Op-Ed due |