OSU Sustainability
Double Degree
Equipping Students to Be Change Agents for Sustainability

Meg Mobley, Instructor
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Oregon Higher Education Sustainability Conference
Lane Community College
February 4, 2016
http://agsci.oregonstate.edu/sustainabilitydd
Curriculum: Guiding Principles

- Applied
- Collaborative
- Interdisciplinary
- Systems thinking
**Curriculum**

**BS, Sustainability**

36 credits
1. Sustainability core (17-20)
2. Practicum (3)
3. Elective Courses (12-16)

**Sustainability Minor**

27 credits
1. Sustainability core (17-20)
2. Elective Courses (7-10)

- Open to all OSU undergrads & Post-Baccalaureates
- Offered On campus (Corvallis, Bend) & Ecampus
By the numbers…

- Fall 2013 launched
- 140 total students
  - 93% pursuing B.S., Sustainability
  - 7% pursuing Sustainability Minor
- 56% Corvallis campus
- 26% Ecampus
- 13% Cascades (Bend) campus
By the numbers…

Primary Majors Represented:

24% Business
16% Agricultural Sciences/Horticulture
8% Sociology/Anthropology
7% Engineering
5% Fisheries & Wildlife
3% Environmental Sciences
3% Natural Resources
3% Renewable Materials
3% Political Science
1% Public Health
1% Food Sciences
1% Animal Sciences
25% Economics, History, Nutrition, Botany, Microbiology, Earth Sciences, Crop & Soil Science, Liberal Studies, etc (all <1%)
Curriculum: Core Courses

SUS 350 Sustainable Communities

SUS 304 Sustainability Assessment

SUS 102 Intro To Environmental Science & Sustainability (Environmental)

SOC 485 Environmental Sociology (Social)

AEC 250 Intro to Environmental Economics & Policy (Economic)
SUS 350 Sustainable Communities

Collaborative

Applied/Experiential

OSU Student Sustainability Initiative Project Grant
SUS 304 Sustainability Assessment
Applied & Systems Thinking

Oregon State University Climate Plan
A Strategic Plan for Institutional Climate Neutrality

Greg Smith
Sustainability Program Assistant
Brandon Tolsted
Sustainability Coordinator
September 14, 2019

The Iceberg
A Tool for Guiding Systemic Thinking

- Events
  What just happened?
- React
- Patterns/Trends
  What’s been happening?
  Have we been here or someplace similar before?
- Anticipate
- Systemic Structures
  What are the forces at play contributing to these patterns?
- Design
- Mental Models
  How does our thinking allow this situation to persist?
- Transform
Practicum: Applied & Collaborative

Heather Bullock
Natural Resources
Monroe Sharing Gardens

Jenna Wiegand
Finance
Microcredit Program in Nicaragua

Nick Silva
Chemical Engineering
Blue Sky Renewable Energy
Thank You!

- Ideas?
- Questions?
- Partners?!

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