Transforming Students Through Two Literacies: the integration of sustainability literacy into information literacy classes

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Why Sustainability?

- American College & University Presidents’ Climate Commitment (ACUPCC)
  - Institutional “climate neutrality”
  - Sustainability in the curriculum

- Sustainability literacy
  - A socio-environmental concept
  - Thinking, problem solving, decision making, and actions
Auburn University: Sustainability at the Institution

- Historic: crop rotation, soil tillage, energy efficiency
- 2004: Sustainability initiative
- 2008:
  - Office of Sustainability organized
  - Sustainability Studies minor created
- 2010: AU Libraries and academic sustainability
  - Librarian liaison
  - Materials budget
Megan R. Stark (2011) “...little has been written on the connections between library instruction and sustainability.”

- Higher education engagement
- Embedding the green message
- Various names for sustainability literacy
- Interdisciplinary courses
- Librarians sometimes left out of curriculum
English composition

- Students have choice of themed class
- Two to three library sessions
- Similar outcomes (based on ACRL) covered in most classes
- Active learning
English composition

Topic development
- Introduction to sustainability vocabulary

Keywords/synonyms
- More exposure to sustainability vocabulary

Databases
- How and where to find scholarly sources on sustainability

Evaluating sources
- How to evaluate sustainability sources on the Web
- Sustainability is a legit academic pursuit
Sustainability Studies

• Sustainability Studies minor
  ➢ SUST2000 - Introduction to Sustainability
  ➢ 9 hours of electives
  ➢ SUST5000 – Senior capstone

• Library instruction for SUST courses
  ➢ Interdisciplinary
  ➢ Fundamental skill development

*and exposure to subject databases as needed.*
Introduction to Sustainability – 2 session program

• Session One
  ➢ Objective: reinforce information literacy outcomes
  ➢ Topic development, keywording, source evaluation

• Session Two
  ➢ Introduction to sustainability-specific resources
  ➢ Subject-specific databases: social sciences, engineering, business.
Sustainability departmental electives

- 9 hour requirement
- 41 courses; 19 academic units
- Courses not restricted to students in the sustainability minor
- Library instruction infrequent

Environment:

- **FORY 4970/7970**: Urban Ecology (3)
- **ARCH 4900**: Readings in Landscape Architecture (3) PR permission of instructor
- **CPLN 5500 and 5600**: Environmental Planning (3) PR junior or senior standing
- **HIST 3550**: American Environmental History (3)
- **HIST 3620**: Landscape and Culture (3)
- **RSOC 5650**: Sociology of Natural Resources and the Environment (3) PR junior or senior standing
- **GEOG 2020**: Physical Geography (3)
- **GEOG 5010**: Urban Geography (3)
- **GEOG 5210**: Climatology (3)
- **AGRN 5000**: Soils and Environment Quality (3) PR AGRN 2040
- **AGRN 5400**: Bioenergy and the Environment (3) PR junior standing
- **BIOL 3060**: Ecology, PR 8 hrs Biology (3)
- **BIOL 5090**: Conservation Biology (3) PR Ecology
- **BSEN 3230**: Natural Resource Conservation Engineering (3) PR CIVL 3110
Research project - sustainability proposal for Auburn, AL

- Library Instruction
  - 50 Minutes
  - Light on fundamentals
  - Focus on useful resources

- Librarian Participation
  - Project scope
  - Presentation reviewer
The future

- Library engagement with academic sustainability
  - Continued outreach effort to Sustainability Office
  - Departmental elective courses

- Assessment
  - Seek out collaborative relationships
  - Assessment within library instruction classes
Questions? Thank you!

Chapter in *Focus on Educating for Sustainability: Toolkit for Academic Libraries* (Maria A. Jankowska, editor) 2013

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