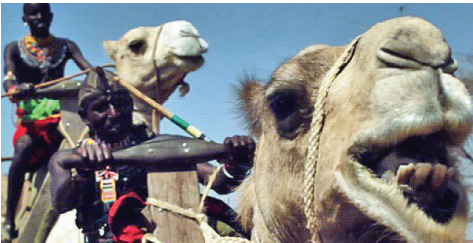


SPRING 2016

MEES 708P: SOCIO-ENVIRONMENTAL SYNTHESIS & SUSTAINABILITY RESEARCH

UNIVERSITY OF MARYLAND



This interdisciplinary 3-credit course will introduce students to the theory and practice of **socio-environmental synthesis (SES)** and sustainability research. It is a graduate-level course that will address current synthesis research approaches to sustainability and human–environment issues. It will also introduce students to the practical aspects of socio-environmental research design, team science, and grant writing.

The course will have three phases:

1. Lecture and discussion-based introductions to the integration of social and bio-physical sciences when addressing environmental challenges, and to the theoretical and practical elements that are useful when engaging in transdisciplinary socio-environmental research.
2. A series of SES case studies presented by local researchers, including postdoctoral fellows working at the National Socio-Environmental Synthesis Center (SESYNC).
3. Development and presentation of student synthesis projects.

Expected Student Outcomes

- Develop and consolidate a theoretical background for sustainability research.
- Improve students' ability to think critically about contemporary socio-environmental issues and actionable human–environment research.
- Increase students' understanding of a variety of interdisciplinary and transdisciplinary approaches and research methods.
- Develop 'real-world' connections with practical research.
- Improve team work, collaboration, grant writing, and presentation skills.

Instructors

- Dr. David Hawthorne (ENTM & SESYNC)
- Dr. Matthew LaFavor (SESYNC)
- Dr. Jampel Dell'Angelo (SESYNC)
- and ~12 guest lecturers

When & Where

- Spring 2016
- Wednesdays, 1–4 p.m.
- Building/room forthcoming
- UMD College Park

For More Information

Additional details can be found on the course website at: <http://srs.sesync.org>

