

**IDS 4930, SECTION 5894
FACETS OF SUSTAINABILITY
SYLLABUS**

Co-coordinators: Dr. Eva Czarnecka-Verner
Dr. Mark Hostetler
Dr. Mark Brown
Prof. PK Nair

ALL STUDENTS, FRESHMAN to SENIORS from ALL MAJORS are eligible to register for this course. There are NO PREREQUISITES. The course is in the Fall 2005 only. This is a general course for undergraduate and graduate students alike.

Time and location: 3:00 PM; Harn Museum, Chandler Auditorium.

Dates: Aug 24, organizational meeting

Sept 7; Sept 21; Oct 5; Oct 19

Oct 26; minisymposium, Rion Ballroom/or room 282, Reitz Union (to be determined)

Nov 7; Nov 16; Nov 30; Dec 7

Course expectations:

Attendance is mandatory and will be monitored. Perfect attendance of all lectures and a 3:00 PM minisymposium session assures grade "B". A written report on a chosen subject related to one of the sustainability lectures, as well as an active participation in post-lecture discussions assures grade "A".

The course aims to present to all UF students, faculty and general public research conducted by UF faculty in the area of sustainability. It touches upon various aspects of sustainability, such as ecological, economical and social equity. It aims to generate a base of interaction between UF faculty, students and general public for the understanding, development and adaptation of human sustainable behavior.

The course includes 9-10 lectures presented by prominent UF scientists working in different areas related to sustainability. Lecture topics:

1. August 24, 2005; 3:00 PM; Harn Museum Auditorium; organizational meeting: Dr. Eva Czarnecka-Verner and Ms. Lisa Hall
2. September 7, 2005; 3:00 PM; Harn Museum Auditorium;
First Lady of the UF, Ms. Chris Machen "Sustainability at the UF"
Dr. Mark Hostetler "Why the Hell Should I Mow my Lawn?: Thought, Issues, and Research on Developing Sustainable Communities"
3. September 20, 2005; 4:00 PM; Fifield Hall, Plant Pathology, Rm. 2318;
Dr. Eva Czarnecka-Verner "Engineering of Sentinel Plants that Can Detect TNT"
(A curiosity seminar; NOT included in IDS 4930)

4. September 21, 2005; 3:00 PM; Harn Museum Auditorium;
Prof. Jack Putz “Sustainable Management of Tropical Forests for Timber: Conservation with a Chainsaw”
5. October 5, 2005; 3:00 PM; Harn Museum Auditorium;
Dr. Mark Brown “The Future of the Future: Sustainability in the Coming Low Energy World”
6. October 19, 2005; 3:00 PM; Harn Museum Auditorium;
Dr. Martha Monroe “Education for Sustainability”
7. October 26, 2005; 8:30 AM-5:00 PM; Rion Ballroom/or Rm. 282, Reitz Union;
Minisymposium lecture (TBA)
8. November 7, 2005; 3:00 PM; Harn Museum Auditorium;
Dr. Jon Martin (TBA)
9. November 16, 2005; 3:00 PM; Harn Museum Auditorium;
Prof. Paul Lyrene “The Importance of Wild Plants in the Breeding of Cultivated Varieties”
10. November 30, 2005; 3:00 PM; Harn Museum Auditorium;
Prof. PK Nair “Land-Use Sustainability: A Global Perspective”
11. December 7, 2005; 3:00 PM; Harn Museum Auditorium;
Prof. Jeff Burkhardt “Agricultural Biotechnology and the Ethics of Sustainability”