

2009-2010 SUSTAINABILITY AND ENVIRONMENTAL STUDIES MINOR

(Minimum of five course credits **AND** an Experiential Learning Project)

Sustainability and Environmental Studies (SENS) is an interdisciplinary program that examines the basic question underlying the concept of sustainability: How can present human needs be met, without compromising the ability to meet future needs? Environmental, economic, social, spiritual, aesthetic, ethical, political, and technological dimensions of sustainability are explored with emphasis given to ecological design—the purposeful integration of human actions with the structures and functions of the natural world. The College does not offer a major in Sustainability and Environmental Studies; however, students interested in proposing an Independent Major in this area should consult with the SENS Director or faculty members.

Requirements

The following two (2) courses:

SENS 100: *Introduction to Sustainability and Environmental Studies* _____ 1

SENS 460: *Capstone for Sustainability & Environmental Studies* (capstone) _____ 1

AND

Three (3) additional course credits chosen outside the student's major discipline **AND** from the following two groups, at least one from each group.*

Group I* – Natural Science:

ANR 130: *Plant Science*

ANR 340: *Soil Science*

ANR 360: *Forest and Wildlife Management*

BIO 110: *Modern Biology*

BIO 114: *Botany*

BIO 342: *Field Botany*

BIO 344: *Dendrology and Forest Ecology*

CHM 134: *General Environmental Chemistry*

SENS 310: *Ecology*

_____: _____ 1
_____: _____ 1

Group II* – Other Disciplines:

APS 229: *Appalachian Problems and Institutions*

ECO 102: *Microeconomics*

ECO 341: *Socio-economic Development: Theory and Applications* (also SOC)

ECO 370: *Environmental Issues in Public Policy*

MAT 108: *Environmental Issues: A Mathematical Modeling Approach*

PHI 104: *Morality, Law, and Philosophy*

PSC 250: *International Relations*

SENS 215: *Sustainable Appalachian Communities* (also APS)

SENS 225: *Environmental Justice* (also AFR, APS, PSJ, and WST)

SENS 320: *Introduction to Geographical Information Systems*

SENS 340: *Introduction to Ecological Design*

SENS 345: *Ecological Architecture*

SOC 110: *Problems of American Institutions*

_____: _____ 1
_____: _____ 1

***NOTE:** With approval from the appropriate committee, other courses—including Short Term sections meeting SENS-learning objectives—may be used to meet the Group I and/or II requirements.

Required Experiential Learning Project (noncredit course)—Must have completed SENS 100 and be pre-approved by the SENS Director; project normally occurs beyond the classroom setting; may be on or off campus; and will involve students in activities central to SENS learning objectives. Projects may take the form of Internships, student-faculty undergraduate research projects, service-learning projects, student Labor Positions, or special projects undertaken as extensions of such courses as SOC 436 or 461.

_____: _____