

2017 Spring Course Offerings

Sustainable Development

Director: Professor Mark Orrs



Minor declaration forms are available in the Office of Interdisciplinary Programs: 31 Williams Hall, Suite 101

SDEV 010-10 Challenges of Sustainable Development CRN 14184 4 credits (SS) CBE Global

History and principles of sustainable development, including their application to projects in both rich and poor countries. Survey of current environmental, social and economic challenges to sustainable development. Philosophy and ethics of external intervention for poverty alleviation and green development, especially in poor societies. Integrated approaches to sustainable development practice, including the inter-relationship of the health sciences, natural sciences, social sciences and management.

Professor Orrs M, W; 11:10 - 12:25 p.m.

SDEV 096-10 Social Research for Engineering Projects CRN 14185 2 credits (SS)

Research project under the supervision of faculty. *Instructor permission required.* **Professor Orrs**

SDEV 096-11 Social Research for Engineering Projects CRN 14187 1 credit (SS)

Research project under the supervision of faculty. *Instructor permission required.* **Professor Orrs**

SDEV 097-10 The Pursuit of Happiness CRN 14210 1 credit

Sustainable development ultimately seeks to maximize well-being, oftentimes referred to as happiness or human flourishing. This course seeks to explore more carefully this end goal of sustainable development, including how happiness has been characterized and cultivated throughout the ages, how it is interpreted and pursued from different perspectives today, and how it is measured – whether directly or indirectly. Further, this course seeks to apply this knowledge to help students maximize their own immediate experience of happiness and well-being. Course materials will include readings, podcasts and videos, and the course format will include discussions, mindfulness activities and written reflections. **Professor Orrs** T; 10:45 - 12:00 p.m.

SDEV 097-11 The Pursuit of Happiness CRN 14211 1 credit

Sustainable development ultimately seeks to maximize well-being, oftentimes referred to as happiness or human flourishing. This course seeks to explore more carefully this end goal of sustainable development, including how happiness has been characterized and cultivated throughout the ages, how it is interpreted and pursued from different perspectives today, and how it is measured – whether directly or indirectly. Further, this course seeks to apply this knowledge to help students maximize their own immediate experience of happiness and well-being. Course materials will include readings, podcasts and videos, and the course format will include discussions, mindfulness activities and written reflections. **Professor Orrs** T; 1:10 - 2:25 p.m.

SDEV 201-10 Sustainable Development Solutions, I CRN 12651 3 credits (SS) CBE Global

Projects practicum in which cross-disciplinary teams of 5-6 students focus on understanding the context of a particular NGO amidst the broader social, economic, and scientific challenges to sustainable development. Analytic techniques for designing, implementing and evaluating projects. Nuts and bolts of development practice. Teams work on needs assessment related to their NGO's proposed goals and devise innovative solutions for implementing development projects. On-the-ground field experience, whether international or domestic, is required. Course fee may apply. Oral presentations and written reports. Prerequisite: SDEV 010 or permission of the Program Director. *Prerequisite SDEV 10 or instructor permission required.* **Professor Orrs** T, R; 2:35 - 3:50 p.m.

ECO 203-10 Microfinance: Financial Inclusion for the Poor CRN 13019 3 credits (SS)

Non-technical survey of the global microfinance industry, which provides financial services to the poor on a large scale, mostly in developing nations. Historical origins and industry evolution. Nature and developmental role of microenterprises and informal finance. Methods and technologies used by microfinance institutions (MFIs). Case studies of leading MFIs and the lives of their clients. Policy and regulatory environments. Debates over profiting from the poor, and over health and environmental goals. Conflicting evidence on economic and social impact. Meetings with practitioners. **Professor Watkins** M, W; 11:10 - 12:25 p.m.

SDEV 203-10 Research in Sustainable Development CRN 12652 2-4 credits (SS)

Students will work on sustainable development research projects not involving field work. May be repeatable for a maximum of 4 credits. Prerequisite: SDEV 010 and instructor permission. *Instructor permission required.* **Professor Orrs**

SDEV, ENTP, IR 307-10 International Social Entrepreneurship CRN 13547 4 credits (SS) Course fee \$2675, does not include airfare, passport/visa, medications/immunizations. International social entrepreneurship aims to change the world through innovation in solving social problems. Focus on the nexus between social entrepreneurship and development practice, especially in relation to NGOs. Emphasis on acquiring tools and conceptual frameworks to launch new social ventures through real hands-on international fieldwork and team-oriented learning by doing. Exposure to best practices of how to affect meaningful social change in poor countries, to generate and evaluate innovative ideas to develop them into concrete on-the-ground startups. **Professors Orrs and Watkins** M, W; 12:45-2:00 p.m.

SDEV 372-10 Independent Study in Sustainable Development CRN 12653 1-4 credits (HU, SS)

Opportunity for students to pursue individual sustainable development projects or continue work begun in SDEV 201/202. May not count towards minor's credit requirements. Prerequisite: SDEV 010 and department permission. **Professor Orrs**

JOUR, GS, SDEV 396-010 Development and Communications for Social Change CRN 14214 4 credits (SS)

The purpose of this course is to develop a critical understanding of development and to explore the relationship between communication and development in different political, social, and cultural settings. We will read about historical trends, economic structures, culture, social change and communication development models and theories in different parts of the world – Asia, Africa and Latin America, as well as in our hometown of Bethlehem. **Professor Fisher-Hoffman** M, W; 12:45 - 2:00 p.m.

WINTER ABROAD OPPORTUNITY

SDEV 122-10 Sustainable Development: The Costa Rican Experience CRN 50038 3 credits (SS)

Investigation of the concept of sustainable development as currently being practiced in Costa Rica. Case studies in diverse areas (e.g. agriculture, bio-prospecting, ecotourism, energy, and land use) demonstrate how current approaches to sustainable development are influenced by the history and ecology of Costa Rica, as well as the structure of its political, social, and economic systems. Attention to theories of sustainable development and of consumption help to frame the Costa Rican experience. Students maintain individual "sustainability" journals based on their experiences from which they draw for team-based research and writing projects. The course is offered through Lehigh Abroad and consists of 5 evening classes during the fall semester and required course travel to Costa Rica between the fall and winter semesters (approximately 18 days). Final course projects are due early in the spring semester. Course participation will require additional fees as described by Lehigh Abroad (\$4,100.00 airfare and program fee). *Department permission required.* **Professors Morris and Weisman**