

Development Practice (DEVP)

DEVP 220 Climate Change and Energy 3 Units

Department: Development Practice

Course level: Graduate

Term course may be offered: Fall

Grading: Letter grade.

Hours and format: 3 hours of Lecture per week for 15 weeks.

Prerequisites: Graduate student standing or consent of instructor.

The first segment of the course provides an overview of the conceptual science of climate change. The second segment of the course will review energy management concepts. The third segment will present economic and policy perspectives to assess evolution of energy policies and to analyze the political economy of climate change policies and their implications.

Instructors: Baldocchi, Nazaroff, Traeger, Rhew, Chiang, Roland-Holst, Kammen, Fisher, Rajagopal

DEVP C221/ENE,RES C221/PUB POL C221 Climate, Energy and Development 3 Units

Department: Development Practice; Energy and Resources Group; Public Policy

Course level: Graduate

Terms course may be offered: Fall and spring

Grading: Letter grade.

Hours and format: 3 hours of lecture per week.

Prerequisites: Graduate student standing or consent of instructor.

Graduate seminar examining the role of energy science, technology, and policy in international development. The course will look at how changes in the theory and practice of energy systems and of international development have co-evolved over the past half-century, and what opportunities exist going forward.

A focus will be on rural and decentralized energy use, and the issues of technology, culture, and politics that are raised by both current trajectories, and potential alternative energy

choices. We will explore the frequently divergent ideas about energy and development that

have emerged from civil society, academia, multinational development agencies, and the

private and industrial sector.

Instructor: Kammen

DEVP 222 Economics of Sustainable Resource Development 3 Units

Department: Development Practice

Course level: Graduate

Term course may be offered: Fall

Grading: Letter grade.

Hours and format: 3 hours of Lecture per week for 15 weeks.

Prerequisites: Graduate student standing or consent of instructor.

This course will introduce the basic concepts including economic welfare, externality, public good, global commons, policy approaches for dealing with externality, and techniques for quality analysis. It will include case studies where groups will design economic incentives and policy solutions to major problems. It will have sections on particular problems including climate change, water and air quality, animal waste, toxic contamination, forestry and fishery policy.

Instructors: Zilberman, Sunding, Roland-Holst, Norgaard

DEVP 225 Innovation, Product Development, and Marketing 3 Units

Department: Development Practice