DEVP 220 Climate Change and Energy 3 Units
Terms offered: Prior to 2007
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.

Climate Change and Energy: Read More [+]

Rules & Requirements
Prerequisites: Graduate student standing or consent of instructor

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details
Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.

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

Climate Change and Energy: Read Less [-]

DEVP 221 Climate, Energy and Development 3 Units
Terms offered: Fall 2020
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.

Climate, Energy and Development: Read More [+]

Rules & Requirements
Prerequisites: Graduate student standing or consent of instructor

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details
Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.

Instructor: Roland-Holst

Climate, Energy and Development: Read Less [-]
DEVP C221 Climate, Energy and Development 3 Units
Terms offered: Fall 2019, Fall 2018, Fall 2017
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.

Climate, Energy and Development: Read More [+]
DEVP 227 Principles of Natural Resource Management 2 Units
Terms offered: Spring 2021, Spring 2020, Spring 2019
This course will introduce concepts in natural resource management. Segment 1 will cover basic modeling, techniques, and methodology in natural resource management and sustainability. Segment 2 will address genetic resources and agriculture. Segment 3 will cover principles of natural resource management, namely water and air, in the development context. Segment 4 profiles an overview of major concepts in the conservation of biodiversity. Students are expected to present research reports based on case studies.

Principles of Natural Resource Management: Read More [+]

Rules & Requirements

Prerequisites: Graduate student standing or consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of lecture per week

Additional Details

Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Instructors: Resh, Kremmen, Feldman, Lemaux
Principles of Natural Resource Management: Read Less [-]

DEVP 228 Strategic Planning and Project Management 3 Units
Terms offered: Fall 2020, Fall 2019, Fall 2018
A pragmatic, interdisciplinary introduction to strategic planning and project management, introducing students to a portfolio of models, tools, and techniques drawn from the private, nonprofit, and public sectors. It will offer an opportunity through case studies, simulations and class projects to apply those approaches in settings relevant to the development field.

Strategic Planning and Project Management: Read More [+]

Rules & Requirements

Prerequisites: Graduate student standing or consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of lecture and 1 hour of discussion per week

Additional Details

Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Instructors: Horvath, Agogino, Danner, Scharffenberger
Strategic Planning and Project Management: Read Less [-]

DEVP 229 Quantitative Methods and Impact Evaluation 3 Units
Terms offered: Spring 2021, Spring 2013, Fall 2012
This course is designed to introduce students to the basic concepts of estimation, prediction, and hypothesis testing. The course will focus on impact evaluation theory and methods and will explore the variety of tools available for rigorously measuring the impact of development programs on poverty.

Quantitative Methods and Impact Evaluation: Read More [+]

Rules & Requirements

Prerequisites: Graduate student standing or consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Instructors: Auffhammer, Miguel
Quantitative Methods and Impact Evaluation: Read Less [-]

DEVP 232 Foundations of Public Health 2 Units
Terms offered: Fall 2020
The seminar will introduce core disciplines and concepts in public health, using a case-based, integrated approach. Examples of cases discussed include: respiratory disease and air pollution; tobacco control and prevention of smoking-related conditions; disease elimination or eradication via childhood immunization; environmental control and prevention of schistosomiasis; behavior change and prevention of HIV/AIDS; and novel economic approaches to improving healthcare delivery to impoverished groups.

Foundations of Public Health: Read More [+]

Rules & Requirements

Credit Restrictions: Students will receive no credit for DEVP 232 after completing PB HLTH W200. A deficient grade in DEVP 232 may be removed by taking PB HLTH W200.

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of seminar per week

Additional Details

Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Instructor: Reingold
Formerly known as: Development Practice C232/Public Health C253
Foundations of Public Health: Read Less [-]
DEVP 233 Law, Politics, and Policymaking 3 Units
Terms offered: Spring 2021, Spring 2020, Spring 2019
Law, Politics, and Policymaking will introduce students to principles of
law, the mechanisms of politics, political economy, and policymaking
delving into fundamentals of business, as well as environmental,
international, and human rights law in the context of development. This
course will provide students with insights into real-world contexts in which
sustainable development practice takes place. It will consist of case
studies of political economic and legal analysis.
Law, Politics, and Policymaking: Read More [+]

Rules & Requirements
Prerequisites: Graduate student standing or consent of instructor

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details
Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Instructors: Farber, Rausser

DEVP 235 Economic Development and Policy 3 Units
Terms offered: Prior to 2007
Learn to apply the tools of economic analysis to problems of growth,
poverty, and environmental sustainability in developing countries and to
understand what can be done to promote development through policies
and investment projects, and learn to analyze the economic, social,
and environmental impacts of specific initiatives. This course will teach
students to use data to conduct development analyses and learn to
prepare the corresponding reports for international development agencies
and policymakers.
Economic Development and Policy: Read More [+]

Rules & Requirements
Prerequisites: Microeconomics and econometrics at the undergraduate
upper-division or Master's level

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details
Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Instructors: de Janvry, Roland-Holst, Raphael

DEVP 237 Leadership, Conflict Resolution, and Community Development 3 Units
Terms offered: Spring 2021, Spring 2020, Spring 2019
This three-segment course starts with critical evaluation of literature and
methods for communal natural resource management, followed
by a segment that emphasizes leadership skills and conflict resolution
approaches for development. The third segment will address issues of
conflict and policymaking in a global context and provide the institutional
perspective of development organizations and strategies.
Leadership, Conflict Resolution, and Community Development: Read
More [+]

Rules & Requirements
Prerequisites: Graduate student standing or consent of instructor

Hours & Format
Fall and/or spring: 15 weeks - 2 hours of lecture per week

Additional Details
Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Instructors: Ray, Carpenter, Barclay

DEVP 239 Interactive/Multidisciplinary Seminar 2 Units
Terms offered: Spring 2021, Fall 2020, Spring 2020
This course provides an opportunity for Master of Development Practice
students to interact with a diverse group of invited guest speakers,
including academics and practitioners. It will also provide opportunities
for group discussion of basic questions, and it will provide opportunities
to present ideas and discuss research and internship plans and
experiences.
Interactive/Multidisciplinary Seminar: Read More [+]

Rules & Requirements
Prerequisites: Graduate student standing or consent of instructor
Repeat rules: Course may be repeated for credit without restriction.

Hours & Format
Fall and/or spring: 15 weeks - 2 hours of lecture per week

Additional Details
Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Instructors: Zilberman, Scharffenberger
Formerly known as: Development Practice 300
DEVP 246 Transboundary Water Conflict Resolution: The Israeli/Arab Case 3 Units
Terms offered: Spring 2016, Spring 2015
This course will cover technological, legal, and institutional mechanisms to resolve the water conflict between Israel and its Arab neighbors, emphasizing the agricultural, industrial, environmental and urban sectors that compete over this resource. Students will examine the distribution of available water resources in Israel among different users and sectors as well as between Israel and its neighbors.
Transboundary Water Conflict Resolution: The Israeli/Arab Case: Read More [+]

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details
Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Instructor: Fischhendler

Transboundary Water Conflict Resolution: The Israeli/Arab Case: Read Less [-]

DEVP C246 Transboundary Water Conflict Resolution: The Israeli/Arab Case 3 Units
Terms offered: Fall 2018
This course will cover technological, legal, and institutional mechanisms to resolve the water conflict between Israel and its Arab neighbors, emphasizing the agricultural, industrial, environmental and urban sectors that compete over this resource. Students will examine the distribution of available water resources in Israel among different users and sectors as well as between Israel and its neighbors.
Transboundary Water Conflict Resolution: The Israeli/Arab Case: Read More [+]

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details
Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Instructor: Fischhendler
Also listed as: GEOG C246

Transboundary Water Conflict Resolution: The Israeli/Arab Case: Read Less [-]

DEVP C253 International Economic Development Policy 3 Units
Terms offered: Fall 2020, Fall 2019, Fall 2018
This course emphasizes the development and application of policy solutions to developing-world problems related to poverty, macroeconomic policy, and environmental sustainability. Methods of statistical, economic, and policy analysis are applied to a series of case studies. The course is designed to develop practical professional skills for application in the international arena.
International Economic Development Policy: Read More [+]

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details
Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Also listed as: A,RESEC C253/PUB POL C253

International Economic Development Policy: Read Less [-]

DEVP 290 Special Topics 1 - 3 Units
Terms offered: Fall 2020
This course provides a hands-on introduction to entrepreneurship as it relates to sustainable development. Its focus is on exploring and developing the toolsets, skillsets and mindsets required to launch and sustain a successful venture, be it from the ground up or from inside an existing organization, for-profit or non-profit. Guided by visiting experts and guest lectures, students will learn how to focus on “customers” first and to understand “sustainability” not only in environmental and social terms but also how to ensure critically important financial sustainability.
Special Topics: Read More [+]

Rules & Requirements
Repeat rules: Course may be repeated for credit when topic changes.

Hours & Format
Fall and/or spring: 15 weeks - 1-3 hours of lecture per week

Additional Details
Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Instructor: Coopersmith

Special Topics: Read Less [-]
DEVP 295 Implementation and Assessment of Internationally-Funded Development Projects 1 Unit

Terms offered: Fall 2019, Fall 2016, Fall 2015
This course will bridge the gap between development theory and its application by sharing the challenges that arise from: i) the implementation of projects and programs supported by international financing institutions like IFAD; and ii) the assessment of their impact. Since the mandate of IFAD is to focus on fighting rural poverty, the seminar will cover a range of topics regarding: i) sectoral/sub-sectoral domains such as rural development, natural resource management, and micro-finance; ii) vulnerable social groups such as indigenous people, marginal farmers, women and youth; and iii) key development processes such as targeting, empowerment, participatory planning, and monitoring and evaluation.

Implementation and Assessment of Internationally-Funded Development Projects: Read More [+]

Hours & Format
Fall and/or spring: 6 weeks - 3 hours of lecture per week

Additional Details
Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Instructor: Galletti

Implementation and Assessment of Internationally-Funded Development Projects: Read Less [-]

DEVP 296 Innovative Finance for Development 3 Units

Terms offered: Spring 2021, Spring 2020, Spring 2019
This course will focus on the means and methods of finance applied to social, economic, and environmental challenges facing developing economies. It will survey the application of innovative financing emerging through new products and services, new processes and operations and organizational forms in addressing problems as diverse as entrepreneurial finance, renewable energy, environmental finance, global health, accelerating medical solutions, regional development, affordable housing, urban revitalization and infrastructure.

Innovative Finance for Development: Read More [+]

Objectives & Outcomes
Course Objectives: In addition to understanding the evolving field of development finance, students will discover why capital structure matters in aligning diverse interests into new business models for sustainable social and economic change and develop capacity in designing appropriate financial products/structure.

Student Learning Outcomes: Students will acquire and apply data gathering, economic, and financial analytical skills to identify specific market failures in developing economies enabling them to apply appropriate financial tools to bridge capital gaps for project and enterprise finance. They will:

• Design and construct an innovative finance application in a developing economy;
• Measure, analyze and report development impacts of an innovative finance project;
• Identify and develop how a development impact investment would benefit and expand capital access through the creative use of innovative financing tools;
• Assist a high-impact project to access flexible market and below-market financial tools;
• Identify how to structure the transaction and identify potential interested partners with aligned interests in the proposed project.

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of seminar per week

Additional Details
Subject/Course Level: Development Practice/Graduate
Grading: Letter grade.
Instructor: Yago

Innovative Finance for Development: Read Less [-]
DEVP W297 Global Health and Conflict in the Middle East and North Africa 2 Units
Terms offered: Fall 2019, Spring 2019
Conducted in cooperation with University of California, San Francisco (UCSF) and American University of Beirut (AUB), this project- and case-based virtual exchange course will offer students the unique opportunity to learn about issues surrounding global health and conflict in the Middle East and North Africa while participating in a meaningful cross-cultural exchange. Looking at a range of topics related to the subject, the course will be comprised primarily of expert lectures, case studies, and an interdisciplinary group project, in which UC Berkeley students team up with medical students at UCSF and public health graduate students at AUB.

DEVP 299 Independent Study 2 - 4 Units
Terms offered: Spring 2021, Fall 2020, Spring 2020
Supervised Independent Study and Research

DEVP W297 Global Health and Conflict in the Middle East and North Africa: Read More [+]