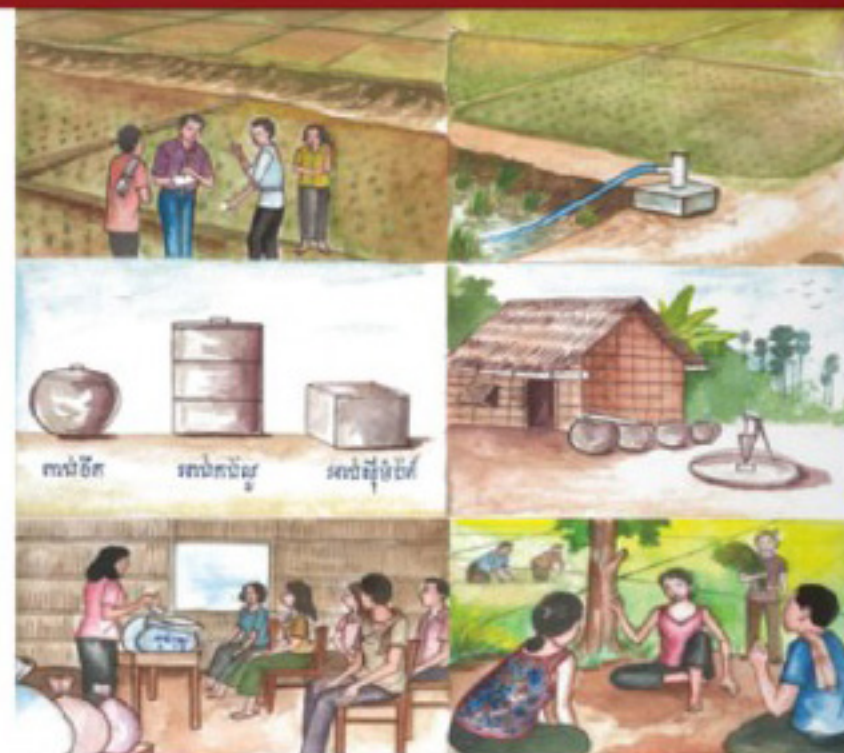


CURRICULUM



Royal University of Phnom Penh

Semester 1

- Basic Science of Climate Change (C-1)*
- Tropical Meteorology and Climate Projection (C-2)
- GIS and Remote Sensing in Climate Change (M-1)
- Issues in Climate Change and Development in Southeast Asia (C-3)
- Economics of Climate Change (E-1)

Semester 2

- Research Methods in Climate Change (C-4)
- Integrated vulnerability assessment and adaptation planning (M-2)
- Climate Change and Agriculture (M-3)
- Ecosystem Services and Climate Change (E-2)
- Climate Change Mitigation (REDD+ and CDM) (M-4)

* C-common, M-major, E-elective courses

Semester 3

- Climate Modeling and GHG Inventory (M-5)
- Climate Change and Water Resources (M-6)
- Energy and Climate Change (E-3)
- Climate Change: Politics and Governance (E-4)
- Low Emission Land Use Planning (E-5)

Semester 4

- Climate Change and Disaster Management (E-6)
- Terrestrial Carbon: Modeling and Monitoring (E-7)
- Community Based Disaster Risk Management (E-8)
- Comprehensive Exam, or
- Thesis

Master of Science
in
Climate Change

COURSE DESIGN

Cambodia is a country that has been affected by Climate Change and this Master program has been designed to equip students with up to date knowledge and skill in a range of climate change areas.

The program has been designed with experiences from USAID funded LEAD program, Disaster Risk Management Project supported by Asian Disaster Preparedness Center, and CIDA funded Urban Climate Resilience in Southeast Asia Partnership (UCRSEA) that trained relevant RUPP lecturers to mainstream climate change and disaster risk management into the tertiary curriculum. The program is also aligned with the Cambodia Climate Change Strategic Plan 2014-2023, and Sectoral Climate Change Strategic Plan of relevant government ministries, especially Climate Change Strategic Plan for Education (2013). It consist of a range of core subjects, including agriculture, water resource management, infrastructure, disaster risk management, land use planning, and approaches to adaption and mitigation. Students have a range of subjects to choose from depending upon their interest and career path.

On completion of the course students should be able to describe key issues relating to Climate Change in Cambodia, and some of the strategies used to address its effects, and use the knowledge and skill gained from the course to address the climate change related issues in Cambodia.



ABOUT THE COURSE

Course Length

Two years full time

Method of Instruction

Experienced lecturers have designed participatory lessons using relevant materials. Small tutorial groups will provide students the opportunity to read and critically examine topical issues. This approach will allow students to compare and contrast different ideas about understanding Climate Change and how to address it.

Lecturers

Holder of degrees from Asia, Australia, Europe and America. Guest speakers will also be invited from government, NGO, affiliated universities, private sector, and relevant stakeholders.

Class Times

Weekdays (Mon-Fri): 8.00-20.00

Weekends (Sat-Sun): 8.30-17.00

Academic Calendar

First intake in **October**

Second intake in **February**

Application deadline: Oct/Feb 16

Entrance exam : Oct/Feb 27

Course Fee

Cambodian: USD2,000

Foreigner: USD4,000

COURSE BENEFITS

Admission Requirement

- A bachelor degree or equivalent degree in natural or social sciences from a recognised University in the field of natural resource management, development studies, forestry, fisheries, agriculture, environment, geography, biology, mathematics, physics, computer science; or
- A degree in any discipline from a recognised University.

Employment Opportunities

Master of Science in Climate Change will provide graduates with a broad and coherent knowledge and skills base to work as a professional in the public, private and NGO sectors in Cambodia and internationally, in climate change and climate science in fields such as:

- Water Resources and Management
- Public Transport
- Public Infrastructure
- Sustainability Development in all fields
- Rural Development
- Engineering
- Education for Climate Change
- Conservation and Biodiversity Management
- Environmental Management
- Agriculture, Farming, forestry and Fisheries

CONTACT:

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