

Climate Change and Sustainable Development Master Program

Climate Change and Sustainable Development is a master program that provides learners with:

- A curriculum which provides a broad range of subjects to facilitate the development of abilities, pursuit of interests and promotion of career development, and which gives the learner a stake in his/her study program;
- A course of study that develops the student intellectually and creatively by combining knowledge and skills for the multi-disciplinary role in effectively assessing climate change impacts, vulnerability and adaptation and their interrelationship with sustainability;
- A wide range of transferable skills and knowledge leading to employment opportunities in a variety of roles within governmental and non-governmental organizations, and leading climate research and academic institutions;
- Active and participative education through a variety of teaching and learning techniques;
- An opportunity to acquire some of the skills necessary for lifelong learning.

Program structure and award requirements

Module code	Module name	Credit Points
Core courses		
2001775	Fundamentals of environmental sciences	2
2001776	Sustainable development	2
2001777	Climate dynamics	2
2001778	Climate change mitigation, vulnerability and adaptation	2
2001779	Environmental economics and management	2
2001780	Statistical analysis in climate research	2
Optional courses		
2001781	Economic valuation and climate change	2
2001782	Green economy	2
2001783	Geographical information systems applications in climate change	2
2001784	Remote sensing and environmental change	2
2001785	Environmental risk assessment and management	2
2001786	Community engagement and sustainable development	2
2001787	Climate change, biodiversity and ecosystems functions	2
2001788	Climate change and health	2
2001789	Urban environment	2
2001790	Geopolitics of climate change	2
2001791	Scientific research skills	---

Enrolled candidates are awarded the degree when;

- Passing 24CH of the courses with a CGPA of at least C⁺.
- Passing an English language proficiency test as per the University regulations.
- Successfully preparing and defending master thesis dissertation.

Career prospects of the graduates

The climate change and sustainable development master degree prepares graduates to target jobs in the various emerging career paths in environmental economics and climate change including:

- Governmental agencies and municipalities which develop plans for climate change mitigation and adaptation.
- Consultancy companies carrying out Environmental Impact Assessment, developing, implementing or monitoring climate change mitigation and adaptation projects.
- Climate change research, teaching and information dissemination.
- NGOs and stakeholder organizations involved in climate change impacts assessment and sustainable development.