



جامعة بورسعيد
PORT SAID UNIVERSITY



CLIMASP

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★ CLIMATE CHANGE AND SUSTAINABILITY POLICY MINOR PROGRAMME

The Climate Change and Sustainability Policy (CLIMASP) minor at Port Said University is an interdisciplinary programme funded by the European Commission Tempus under the coordination of the UNESCO Chair ICT in Education for Sustainable Development, University of Crete, Greece. Students from Faculty of Science, Faculty of Engineering, Faculty of Arts and Faculty of Education choosing the CLIMASP minor as a complement of their major opens to them new opportunities for further studies and career paths.

The CLIMASP minor consists of core courses, elective courses and the required capstone course in three concentration areas: 1) Climate Change, Environment and Society; 2) Climate Change, Economics and Public Policy; and 3) Climate Change, Science and Technology. The courses included in the CLIMASP minor are an integral part of the participating disciplines curricula. It is, thus, an advantage for students seeking a meaningful and rewarding complement to their main field of study. Upon completion of the minor along with their major, students will be granted the Euro-Arab Pass diploma ranges from 45-60 ECTS. The CLIMASP minor programme is administrated by the Euro-Arab Center for Interdisciplinary Studies and promotes five key learning processes and outcomes.

★ EXTENDS BEYOND THE 4Cs FOR 21st CENTURY SUCCESS

A 21st century classroom must engage and energize all students to be active participants in building a more sustainable society. In doing so, the CLIMASP minor goes beyond mastering the 4 C's - creativity, critical thinking, communication, and collaboration. In addition, students will be prepared to grasp the skills of connectivity, critical consciousness, critical reflection, cross/inter-cultural competence, co-responsibility and constructing knowledge. All these skills are being highly recognized as the skills that CLIMASP students should be prepared for tackling the complexity of climate change and sustainability policy.

★ APPLIES PROBLEM-BASED LEARNING TO TEACH 21st CENTURY SKILLS

The increased complexity of the climate change and sustainability policy challenges drives us in preparing our students to become inquirers, problem solvers, critical and creative thinkers. The CLIMASP minor provides our students with improved strategies to help them deal with these very complex situations. Problem-based learning (PBL) is one such strategy that is employed throughout the CLIMASP curriculum and teaching methods.

★ VALUING CLIMATE CHANGE AND SUSTAINABILITY POLICY

Every aspect of climate change is shaped by ethical dispute and covers an array of fields: moral philosophy, science, economics, public policy, global justice, energy, and human rights, among others. Applying a values-based and PBL approach, the CLIMASP minor prepares students to comprehend and further explore the intersections of science, ethics, values, climate change and sustainability policy.

★ LEARNING HOW TO TRANSFORMATIVELY ADAPT

Transformative learning in a climate change context involves climate risk negotiation, identification of vulnerabilities, and both proactive and reactive adaptation. The CLIMASP minor prepares students to learn how to transformatively adapt to the climate change vulnerabilities by seeking out relationships that potentially will help them deconstruct their frames of reference, habits of mind, and unsustainable practices.

★ MERGING THEORY WITH PRAXIS

The CLIMASP curriculum blends classroom learning with experiential, constructivist and transformative practices, incorporating critical self-reflection, argumentation, community service, civic engagement and practicum placements. It adopts a critical pedagogy of sustainability that involves inter- and transdisciplinary engagement with students and community members in an effort to involve students in the process of sustainable thinking and action. In that way, it helps students experience the synergies of the 3Hs- head (cognition), heart (ethics and sentiment) and hand (braxis).





CLIMATE CHANGE AND SUSTAINABILITY MINOR PROGRAMME OUTLINE

★ I. CAPSTONE COURSE

Course ID	Course title	ECTS	Faculty
CS100	Graduation Project	10	Various

★ II. ELECTIVE COURSES

CONCENTRATION AREA 1: Climate Change, Environment and Society

Course ID	Course title	ECTS	Faculty
ES101	Community Medicine	3	Medicine
ES102	Environmental Psychology	3	Education
ES103	Biological and Social Anthropology	3	Education
ES104	Environmental Sciences	3	Education
ES105	Environmental Studies	3	Science
ES106	Man and Environment	3	Medicine
ES107	Scientific Culture	3	Education

CONCENTRATION AREA 2: Climate Change, Science and Technology

Course ID	Course title	ECTS	Faculty
ST101	Air Pollution Management	5	Science
ST102	Meteorological Physics	5	Science
ST103	Basics of Environmental Sciences	5	Science
ST104	Hydro-Geo- Chemistry and Environment	5	Science
ST105	Soil Pollution Management	5	Science
ST106	Energy and Environment	5	Science
ST107	Climate Geography	5	Arts
ST108	Microbiology and Environment	5	Science
ST109	Remote Sensing and Graphical Geology	5	Science
ST110	Renewable Energies	5	Science
ST111	Water Pollution Management	5	Science



CONCENTRATION AREA 3: Climate Change, Economics and Public Policy			
Course ID	Course title	ECTS	Faculty
EP101	Architectural Design	5	Engineering
EP102	Decision Support Systems	5	Commerce
EP103	Environmental Control in Architecture	5	Engineering
EP104	Developmental Geography	5	Arts
EP105	Human Rights	3	Education
EP106	Industrial Quality Management	5	Science
EP107	Egyptian and International Environmental Law and Policy	3	Science
EP108	Lighting & Building Acoustics	5	Engineering
EP109	Macroeconomic	3	Commerce
EP110	Human Resources Management	5	Commerce
EP111	Regional Planning	5	Engineering
EP112	Environmental Impact Assessment of Projects	5	Science

★ HOW TO APPLY

Students must have completed at least one semester before applying to the CLIMASP Minor programme.
The application must be accompanied by an approval from the CLIMASP faculty advisor

★ DEADLINES FOR REGISTRATION

FALL : 11th October , 2015
SPRING will be posted online.

★ FOR MORE INFORMATION

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