

MESPOM Study Program Overview

Term 1 (Fall)			
Module	Courses (no. of CEU /ECTS credits)	Instructor(s)	Notes
Foundational Courses	NHB: Introduction to Environmental Sciences: The Non-Human Biosphere (1/2)	R. Mnatsakanian	2 of 3 must be chosen for Grade
	HB: Introduction to Environmental Sciences: Humans and the Biosphere (1/2)	R. Mnatsakanian	
	IEP: Introduction to Environmental Policy and Society (1/2)	A. Antypas	
	IEM: Introduction to Environmental Management (1/2)	A. Cherp	mandatory
Advanced Clusters	SES: Sustainable Management of Socio-Ecological Systems (2/4)	B.P. Anthony, J. Sendzimir	2 of 4 must be chosen for grade
	GPJ: Environmental Governance, Politics and Justice (2/4)	A. Antypas, T Steger, G. Aistara	
	ETC: Energy Transitions and Climate Change (2/4)	A. Cherp	
	RMP: Resource Management and Pollution Control (2/4)	Z. Illes, R. Mnatsakanian, V. Lagutov	
Environmental Research Methods	GST: Geospatial Technologies for Environmental Professionals (1/2)	V. Lagutov	2 of 5 must be chosen for grade
	IEER: Intro to Economics for Environmental Research (1/2)	L. Hoglund	
	EIA-I: Intro to Environmental Impact Assessment (1/2)	A. Cherp	
	QLRM: Introduction to Qualitative Research Methods (1/2)	A. Antypas	
	QNRM: Introduction to Quantitative Research Methods (1/2)	A. Schaffartzik	
Academic Skills	Student Conference (1/2)	all resident faculty	mandatory
	AW: Academic Writing	CAW	mandatory
Term 1: Min. no. of credits = 10 CEU / 20 ECTS (max. 12/24 for Grade + 2/4 for Audit)			

Term 2 (Winter)			
Advanced Clusters (students can choose 1 or 2 Clusters).			
Cluster [Coordinator]	Courses (no. of CEU credits/ECTS credits)	Instructor(s)	Notes
Sustainable Management of Socio-Ecological Systems [B.P. Anthony] [7/14 credits offered]	ETHN: Ethnoecology (1/2)	W. Twine, B.P. Anthony, R. Rahimov, L. Jaber	1 Cluster: any 6 credits from cluster 2 Clusters: any 4 credits from cluster <i>ETHN mandatory for CORUSUS internships</i>
	AOGS: Agroecology & Organic Gardening Systems (2/4)	G. Aistara, L. Strenchock	
	ICE: Introduction to Circular Economy (2/4)	Z. Illes, T. Centofanti	
	ECEC: Ecological Economics (2/4)	A. Schaffartzik	
Environmental Governance, Politics and Justice [A. Antypas] [10/20 credits offered]	AGEG: Advanced Topics in Global Environmental Governance (2/4)	A. Antypas	1 Cluster: any 6 credits from cluster 2 Clusters: any 4 credits from cluster <i>*Also counts towards RMP cluster</i>
	GFAD: Global Food, Agriculture & Development (2/4)	G. Aistara	
	PST: Policies for Sustainable Transport (2/4)*	Z. Illes	
	PEEJ: The Political Ecology of Environmental Justice (2/4)	T. Steger, G. Aistara	
	IELG: International Environmental Law and Governance (2/4)	S. Stec	
Energy Transitions and Climate Change [A. Cherp] [6/12 credits offered]	SET: Sustainable Energy Transitions (2/4)	A. Cherp	1 Cluster: any 6 credits from cluster 2 Clusters: any 4 credits from cluster
	CC: Climate Change: Drivers, Mechanisms, Impacts and Responses (2/4)	D. Urge-Vorsatz	
	DEBU: Decarbonization and Business (2/4)	A. Novikova, M. Olshanskaya	
Resource Management and Pollution Control [Z. Illes] [10/20 credits offered] <i>+ PST (2/4)</i>	SWM: Sustainable Water Management (2/4)	Z. Illes, D. Cogalniceanu	1 Cluster: any 6 credits from cluster 2 Clusters: any 4 credits from cluster
	IHWM: Industrial - Hazardous Waste Management and Pollution Control (2/4)	Z. Illes	
	NRU: Natural Resources Use in the 21 st Century (2/4)	R. Mnatsakanian	
	EPBR: Environmental Pollution & Biological Remediation Methods (2/4)	T. Centofanti	
	EO: Earth Observations in Monitoring SDGs (2/4)	V. Lagutov	
Professional Skills and Methods (PSM) [11/22 credits offered]	EIA-II: Environmental Impact Assessment Advanced (2/4)	A. Cherp, M. Vetier	1 Cluster: any 6 credits from cluster 2 Clusters: any 4 credits from cluster ALL: min 2 credits for grade
	EMON: Environmental Monitoring (2/4)	B.P. Anthony, T. Kovacs	
	QERM: Qualitative Environmental Research Methods (2/4)	A. Antypas	
	Data Science for the Sustainable Development Goals (2/4)	E. Omodei [cross-listed]	
	IGA: Introduction to Geospatial Analysis (3/6)	V. Lagutov	
Term 2: Min. No. of Credits = 10 CEU / 20 ECTS (max. 12/24 for Grade + 2/4 for Audit)			

Term 3 (Spring/Summer; Subject to change)

Host	Courses (no. of CEU/ECTS credits)	Instructor(s)	Notes
UAegean: Advanced Environmental Science & Management (See separate UoA MESPOM Handbook for syllabi) (tentative: 5 April – 9 July 2023)	Assessment, Modelling and Scenarios for Ecosystems Management (3/6)	A. Troumbis, A. Kizos, I. Botetzagias, M. Hatziantoniou et al.	mandatory
	Sustainable Tourism (1/2)	I. Spilanis	At least 10 ECTS must be taken
	Aquatic Pollution & Wastewater Management (1/2)	M. Angelidis, M. Aloupi, A. Stasinakis, O. Kalantzi	
	Freshwater Resources: Natural systems, Human Impact and Conservation (1/2)	P. Gaganis, O. Tzoraki	
	Air Pollution & Climate Change (1.5/3)	C. Pilinis, C. Matsoukas	
	Environmental Applications of GIS: Spatial Analysis and Modelling (1.5/3); <u>Prerequisite</u> - <i>basic knowledge in geospatial analysis and ArcGIS software</i>	T. Kontos	
	Applied Ecology (1/2); <u>Prerequisite</u> – <i>Non-Human Biosphere @ CEU</i>	P. Dimitrakopoulos, N. Fyllas, A. Galanidis	
Research Design & Methods in Social Sciences (1.5/3); <u>Prerequisite</u> - <i>Introduction to Quantitative Research Methods @ CEU (or equivalent)</i>	I. Botetzagias		
CEU (07-08, 2023)	Summer internships (2/4) (includes OSUN-CORUSUS funded internships)	A. Cherp, B.P. Anthony, V. Lagutov + others	mandatory

Term 3: Min. no. of credits = 10 CEU / 20 ECTS

TOTAL no. of credits = 10/20 + 10/20 + 10/20 = 30 CEU / 60 ECTS