

## Overview of MESPOM study program

Semester 1 / Fall			
Module	Courses (no. of CEU /ECTS credits)	Instructor(s)	Notes
Foundational Courses	<a href="#">IES: Introduction to Environmental Sciences</a> (2/4)	B.P. Anthony, R. Mnatsakanian	One must be taken for Grade, the other for Audit
	<a href="#">IEP: Introduction to Environmental Policy and Society</a> (2/4)	A. Antypas, A. Watt	
	<a href="#">IEM: Introduction to Environmental Management</a> (2/4)	A. Cherp, K. Farrell	mandatory
Advanced Clusters	<a href="#">SES: Sustainable Management of Socio-Ecological Systems</a> (2/4)	L. Pinter, B.P. Anthony	2 of 5 must be chosen for Grade
	<a href="#">ERG: Environmental and Resource Governance</a> (2/4)	R. Mnatsakanian, A. Antypas	
	<a href="#">ETC: Energy Transitions and Climate Change</a> (2/4)	A. Cherp, M. LaBelle	
	<a href="#">JPH: Environmental Justice, Politics and Humanities</a> (2/4)	T. Steger, G. Aistara	
	<a href="#">RMP: Resource Management and Pollution Control</a> (2/4)	Z. Illes, V. Lagutov, R. Mnatsakanian	
Environmental Research Methods	<a href="#">EF: Epistemological Foundations</a> (0.5/1)	T. Steger, B.P. Anthony, V. Lagutov	EF <b>OR</b> TAS + GST <b>OR</b> IGDV + IRM + IQRM
	<a href="#">TAS: How to Think about Science: An Introduction to Philosophy of Science</a> (2/4)	M. Kronfelder et al. [University-wide Course]	
	<a href="#">GST: Geospatial Technologies for Environmental Professionals</a> (0.5/1)	V. Lagutov	
	<a href="#">IGDV: Introduction to Geospatial Data Visualization</a> (2/4)	V. Lagutov et al. [University-wide Course]	
	<a href="#">IRM: Interpretive Research Methods</a> (0.5/1)	T. Steger	
	<a href="#">IQRM: Introduction to Quantitative Research Methods</a> (0.5/1)	B.P. Anthony	
Academic Skills	<a href="#">AW: Academic Writing</a>	A. Watt, E. Timár, V. Eliasova	mandatory
<b>Semester 1: Min. no. of credits = 10 CEU / 20 ECTS (max. 12/24 for Grade + 2/4 for Audit)</b>			
Semester 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 (SES) [L. Pinter]	<a href="#">BC: Biodiversity &amp; Conservation</a> (2/4) Reduced assignment load if taken with <i>Environmental Monitoring</i>	B.P. Anthony	<u>1</u> Cluster: BC and SDGT + 2 credits from cluster <b>OR</b>
	<a href="#">SDGT: Sustainable Development &amp; Global Transitions</a> (2/4)	L. Pinter, D. Almassy	

[12/24 credits offered]	<a href="#">AOGS: Agroecology &amp; Organic Gardening Systems</a> (2/4)	T. Centofanti, L. Strenchock	BC or SDGT + 4 credits from cluster  <u>2 Clusters:</u> BC and SDGT <b>OR</b> BC or SDGT + 2 credits from cluster
	<a href="#">EMON: Environmental Monitoring</a> (2/4) Reduced assignment load if taken with <i>Biodiversity &amp; Conservation</i>	B.P. Anthony, T. Kovács	
	<a href="#">AMR: Adaptive Management and Resilience of Socio-ecological Systems</a> (2/4)	L. Pinter, A. Deri, J. Sendzimir	
	ECEC: Ecological Economics (2)	TBD	
<b>Environmental and Resource Governance (ERG)</b> [A. Antypas]  [9/18 credits offered] <b>+ADV (2), ADVP (2), NRU (2)</b>	<a href="#">AGEG: Advanced Topics in Global Environmental Governance</a> (2/4)	A. Antypas	<u>1 Cluster:</u> any 6 credits from cluster <u>2 Clusters:</u> any 4 credits from cluster <b>* can also count as part of RMP cluster</b>
	<a href="#">PST: Policies for Sustainable Transport</a> (2/4)*	Z. Illes	
	<a href="#">IEL: International Environmental Law</a> (1/2)	S. Stec	
	<a href="#">SEC: Environment and Security</a> (2/4)	S. Stec	
	<a href="#">DEM: Environment and Democracy</a> (2/4)	A. Antypas, A. Watt	
<b>Energy Transitions and Climate Change (ETC)</b> [A. Cherp]  [12/24 credits offered]	<a href="#">SET: Sustainable Energy Transitions</a> (2/4)	A. Cherp	<u>1 Cluster:</u> a) EPSM + EMIP + SET/EIL/EAS <b>OR</b> b) EPSM/EMIP + SET + EIL/LEAP/EAS  <u>2 Clusters:</u> a)EPSM/EMIP + SET/EMIP/EAS <b>OR</b> b) EPSM/EMIP + EIL/EAS <b>OR</b> c) SET + LEAP <b>Students can request other options to be approved by cluster coordinator</b>
	<a href="#">EPSM: Energy Policies and Strategic Management</a> (2/4)	M. LaBelle	
	<a href="#">EMIP: Energy Markets and Innovation Policies</a> (2/4)	M. LaBelle	
	<a href="#">EIL: Energy Innovation Lab</a> (2/4)	M. LaBelle + external organizations	
	<a href="#">LEAP: Energy Data, Models and Scenarios with LEAP Software</a> (2/4)	A. Cherp, A. Novikova, A. Kelemen	
	EAS: Energy and Society (4/8; 2/4 can count towards cluster)	K. Hall (cross-listed)	
<b>Environmental Justice, Politics and Humanities (JPH)</b> [T. Steger]	<a href="#">SJFACT: Social Justice Frameworks in Action</a> (4/8)	T. Steger et al. [University-wide Course]	<u>1 Cluster:</u> any 6 credits from cluster <u>2 Clusters:</u> any 4 credits from cluster
	<a href="#">FPP: Food Policy and Politics</a> (2/4)	T. Centofanti (cross-listed)	
	<a href="#">ADV: Environmental Advocacy</a> (2/4)*	T. Steger	
	<a href="#">ADVP: Environmental Advocacy Practicum</a> (2/4)*	T. Steger	
	<a href="#">PHIL: Environmental Philosophy</a> (2/4)	A. Watt	

[14/28 credits offered]	<a href="#">EAH: Environmental Arts &amp; Humanities</a> (2/4)	A. Watt, M. & R. Fowkes	* can also count as part of ERG cluster
Resource Management and Pollution Control (RMP) [Z. Illes]  [11/22 credits offered] + PST (2)	<a href="#">DM: Disaster Management</a> (2/4)	V. Lagutov et al.	1 Cluster: any 6 credits from cluster 2 Clusters: any 4 credits from cluster * can also count as part of ERG cluster
	<a href="#">EPBR: Environmental Pollution &amp; Biological Remediation Methods</a> (2/4)	T. Centofanti	
	<a href="#">IHW: Industrial - Hazardous Waste Management and Pollution Control</a> (2/4)	Z. Illes	
	<a href="#">NRU: Natural Resource Use in the 21<sup>st</sup> Century</a> (2/4)*	R. Mnatsakanian	
	<a href="#">SWM: Sustainable Water Management</a> (2/4)	Z. Illes, V. Lagutov, D. Sigeo, D. Cogalniceanu	
	<a href="#">APM: Air Pollution Management</a> (1/2)	J. Karlik, R. Mnatsakanian	
<b>MTT: Methodological Tools and Techniques (min. 2 credits must be taken)</b>			
[10/20 credits offered]	<a href="#">SRM: Survey Research Methods</a> (2/4)	B.P. Anthony	Prerequisite for UAegean course (or equivalent)
	<a href="#">IGA: Introduction to Geospatial Analysis</a> (3/6)	V. Lagutov	
	<a href="#">EMOD: Introduction to Environmental Modelling</a> (2/4)	V. Lagutov	
	<a href="#">EAP: Environmental Assessment &amp; Planning</a> (2/4)	A. Cherp, M. Gachechiladze-Bozhescu	
	<a href="#">STIA: Stakeholder Identification and Analysis</a> (1/2)	B.P. Anthony	
<b>Semester 2: Min. No. of Credits = 10 CEU / 20 ECTS (max. 12/24 for Grade + 2/4 for Audit)</b>			
<b>Spring/Summer (Subject to change)</b>			
<b>Host</b>	<b>Courses (no. of CEU/ECTS credits)</b>	<b>Instructor(s)</b>	<b>Notes</b>
<b>UAegean: Advanced Environmental Science &amp; Management</b> (See Appendix 4) (04 – 07 2019)	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	5 of 6 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 (1/2)	C. Pilinis, C. Matsoukas	
	Environmental Applications of GIS: Spatial Analysis and Modelling (1/2); <i>Intro to Geospatial Analysis @ CEU (or equivalent) a prerequisite</i>	T. Kontos	
	Applied Ecology (1/2); <i>Introduction to Environmental Sciences @ CEU a prerequisite</i>	P. Dimitrakopoulos, N. Fyllas, A. Galanidis	
<b>CEU (07-08)</b>	Summer internships (2/4)	varies	mandatory
<b>Semester 3: Min. no. of credits = 10 CEU / 20 ECTS</b>			
<b>TOTAL no. of credits = 10/20 + 10/20 + 10/20 = 30 CEU / 60 ECTS</b>			