

Table 1: Overview of MESP study program

Semester 1 (Fall)			
Module	Courses (no. of CEU /ECTS credits)	Instructor(s)	Notes
Foundational Courses	IES: Introduction to Environmental Sciences (2)	B.P. Anthony, R. Mnatsakanian	2 of 3 must be chosen for Grade
	IEP: Introduction to Environmental Policy and Society (2)	A. Antypas, A. Watt	
	IEM: Introduction to Environmental Management (2)	A. Cherp, K. Farrell	
Advanced Clusters	SES: Sustainable Management of Socio-Ecological Systems (2)	L. Pinter, B.P. Anthony	2 of 5 must be chosen for Grade
	ERG: Environmental and Resource Governance (2)	R. Mnatsakanian, A. Antypas	
	ETC: Energy Transitions and Climate Change (2)	A. Cherp, M. LaBelle	
	JPH: Environmental Justice, Politics and Humanities (2)	T. Steger, G. Aistara	
	RMP: Resource Management and Pollution Control (2)	Z. Illes, V. Lagutov, R. Mnatsakanian	
Environmental Research Methods	EF: Epistemological Foundations (0.5)	T. Steger, B.P. Anthony, V. Lagutov	EF OR TAS + GST OR IGDV + IRM + IQRM
	TAS: How to Think about Science: An Introduction to Philosophy of Science (2.0)	M. Kronfelder et al. [University-wide Course]	
	GST: Geospatial Technologies for Environmental Professionals (0.5)	V. Lagutov	
	IGDV: Introduction to Geospatial Data Visualization (2.0)	V. Lagutov et al. [University-wide Course]	
	IRM: Interpretive Research Methods (0.5)	T. Steger	
	IQRM: Introduction to Quantitative Research Methods (0.5)	B.P. Anthony	
Academic Skills	TP-I: Thesis Preparation I (2)	A. Watt	mandatory
	AW: Academic Writing	A. Watt, E. Timár, V. Eliasova	mandatory
Semester 1: Min. no. of credits = 12 (max. 14 for Grade + 2 for Audit)			

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

	ADVP: Environmental Advocacy Practicum (2)*	T. Steger	Students can request other options to be approved by cluster coordinator
	PHIL: Environmental Philosophy (2)	A. Watt	
	EAH: Environmental Arts & Humanities (2)	A. Watt, M. & R. Fowkes	
	DM: Disaster Management (2)	V. Lagutov et al.	
	EPBR: Environmental Pollution & Biological Remediation Methods (2)	T. Centofanti	
	IHW: Industrial - Hazardous Waste Management and Pollution Control (2)	Z. Illes	
	NRU: Natural Resource Use in the 21st Century (2)*	R. Mnatsakanian	
	SWM: Sustainable Water Management (2)	Z. Illes, V. Lagutov, D. Sige, D. Cogalniceanu	
	APM: Air Pollution Management (1)	J. Karlik, R. Mnatsakanian	
MTT: Methodological Tools and Techniques (min. 2 credits must be taken)			
[12 credits offered]	SRM: Survey Research Methods (2)	B.P. Anthony	
	IGA: Introduction to Geospatial Analysis (3)	V. Lagutov	
	EMOD: Introduction to Environmental Modelling (2)	V. Lagutov	
	EAP: Environmental Assessment and Planning (2)	A. Cherp M. Gachechiladze-Bozhescu	
	ENPR: Environmental Practicum (2)	V. Lagutov	
	STIA: Stakeholder Identification and Analysis (1)	B.P. Anthony	
Academic Skills	TP-II: Thesis Preparation II (2)	A. Watt	mandatory
Semester 2: Min. No. of Credits = 12 (max. 14 for Grade + 2 for Audit)			
Semester 3 (Spring/Summer)			
Host	Courses (no. of CEU/ECTS credits)	Instructor(s)	Notes
	TP-III: Thesis Preparation III (2)	varies	mandatory
	Thesis Research, Writing & Submission (10)	varies	mandatory
Semester 3: Min. no. of credits = 12			
TOTAL no. of credits = 12 + 12 + 12 = 36			