

# Smart Sustainable Solutions

ECTS Teachers

Year	Term	Course Content	ECTS	Teachers
1st year	Winter term	Environmental Policy & Planning	4	Zdeněk Keken (CZU); Ines Boujmil (ABT); Francisco Yepes (CTN)
		Remote Sensing & Wireless Sensor Networks	4	Vítězslav Moudrý (CZU); Francisco Yepes (CTN); Yassine Yazid (CTN)
		Hydrological and Climate Variability	4	Ioannis Markonis (CZU); Kiril Manevski (AU)
		Circular Economy Management	4	Lenka Wimmerová (CZU); Kiril Manevski (AU); Simona Paolacci (ABT)
		Sustainable Land Management	4	Kristina Janečková (CZU); Kiril Manevski (AU)
	Summer term	Data Acquisition & Sensors	4	Petr Máca (CZU); Yassine Yazid (CTN); George Katranas (CT)
		Wetlands Cons. and Management	4	Zhongbing Chen (CZU)
		Environmental Risk Assessment I	4	Michal Lodin (CZU); Alfonso Siciliano (ABT)
		Hydroclimatology and Real-Time Monitoring	4	Petr Máca (CZU); Martin Vokoun (CZU); Vojtěch Moravec (CZU); Václav Hradilek (CZU)
		Local Culture & Language	2	Martin Hanel (CZU); Ing. Hana Honsová (CZU)
2nd year	Winter term	Environmental Data Processing	4	Martin Hanel (CZU); Filip Strnad (CZU); Vojtěch Moravec (CZU); Yassine Yazid (CTN)
		Thesis project	8	Martin Hanel (CZU); Kiril Manevski (AU); Dimitrios Tziourtzioumis (IHU); George Katranas (CT)
		Industrial Practice	10	
		Digital Soil Mapping, Management & Protection	4	Michal Kuráž (CZU); Kiril Manevski (AU)
		Geospatial Data Sciences - Environmental Informatics	4	Petra Šimová (CZU); Vassiliki Varela (IHU); Ali Abkar (AW)
Summer term	Augmented & Virtual Reality Applications in Environmental Management	4	Filip Strnad (CZU); Ilias Chrysovergis (IHU)	
	IoT Platforms & Systems	4	Filip Strnad (CZU); Apostolos Tsagaris (IHU)	
	Eco-Innovation and Sustainability	4	Tereza Hnátková (CZU); Andreas Riel (ECQA)	
	Environmental Risk Assessment II	4	Michal Lodin (CZU)	
	Environmental Engineering	4	Marek Vach (CZU); Dimitros Zagklis (IHU)	
2nd year	Summer term	Environmental Management	4	Zdeněk Keken (CZU); Dimitros Zagklis (IHU)
		NI LabVIEW Training	4	Michal Kuráž (CZU); George Katranas (CT)
		Drone Systems	4	Vítězslav Moudrý (CZU); Dimitrios Tziourtzioumis (IHU); Theodoros Kosmanis (IHU); George Minos (IHU)
		Local Culture & Language	2	Ioannis Markonis (CZU); Eleni Vietsi (IHU)
		Developing Tool Demonstrator	8	Jiří Paviásek (CZU); Dimitrios Tziourtzioumis (IHU); Theodoros Kosmanis (IHU); George Minos (IHU); Francesco Yepes (CTN)
Master thesis	10	Martin Hanel (CZU)		

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CZU, Czech University of Life Sciences, Czech Republic  
 AU, Aarhus University, Denmark  
 IHU, International Hellenic University, Greece  
 PIT, Politeknika Txorierri, Spain

ABT, AquaBiotech Ltd, Malta  
 AW, AgriWatch, Netherlands  
 CT, Cerca Trova Ltd, Bulgaria  
 CTN, Centro Tecnologico Naval, Spain  
 ECQA, European Certification and Qualification Association, Austria  
 DM, Delta Materials, Greece  
 NGS, New Generation Sensors, Italy  
 CCIE, The Greek-Italian Chamber of Athens, Greece/Italy  
 EA, Evolutionary Archetypes Consulting, Spain