

**APPLIED ENVIRONMENTAL AND SUSTAINABILITY SCIENCE - MAJOR**

<b>Catalog Course Code</b>	<b>Name of Course</b>	<b>Nature of the Course</b>	<b>Credits</b>	<b>Level</b>
THM6134	Environment, Development, and Sustainability: Issues and Ideas	Major / Minor Specialization (Core Paper 1)	4	2
THM6140	Fundamentals of Water Science and Water Resource Management	Major / Minor Specialization (Core Paper 2)	4	3
THM6131	Climate Change: Science, Impact, and Action	Major / Minor Specialization (Core Paper 3)	4	3
THM6136	Environmental Data Analytics and Laboratory Measurements (Water, Air, Soil Testing Laboratory)	Major / Minor Specialization (Core Paper 4)	4	3
THM6138	Environmental Sustainability for Businesses	Major / Minor Specialization (Core Paper 5)	4	4
THM6142	Mapping Environmental Change through Technology (RS&GIS)	Major / Minor Specialization (Core Paper 6)	4	4
THM6130	Comprehensive Understanding of Environmental Toxicology: Air, Water, and Soil Pollution	Major Specialization (Core Paper 7)	4	4
THM6135	Environmental and Energy Economics: Policy and Governance	Major Specialization (Core Paper 8)	4	4

THM6132	Designing Green Infrastructure and Sustainable Cities/Habitat	Major Specialization (Core Paper 9)	4	4
THM6139	Everyday Environmental Issues and Applied Solutions	Major Specialization (Core Paper 10)	4	4