

## College of Environmental Science and Technologies

### Department of Environmental Technologies

#### Semester 1 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
<b>UoM13211</b>	<b>General Physics</b>	<b>108</b>	<b>67</b>	<b>7.00</b>	<b>C</b>	
<b>UoM13212</b>	<b>General Chemistry</b>	<b>108</b>	<b>67</b>	<b>7.00</b>	<b>C</b>	
<b>UoM13213</b>	<b>General Biology</b>	<b>108</b>	<b>67</b>	<b>7.00</b>	<b>C</b>	
<b>UoM13214</b>	<b>Mathematics</b>	<b>93</b>	<b>57</b>	<b>6.00</b>	<b>S</b>	
<b>UoM13215</b>	<b>English language</b>	<b>47</b>	<b>28</b>	<b>3.00</b>	<b>B</b>	

#### Semester 2 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
<b>UoM13216</b>	<b>Geology</b>	<b>108</b>	<b>92</b>	<b>8.00</b>	<b>C</b>	
<b>UoM13217</b>	<b>Analytical Chemistry</b>	<b>123</b>	<b>77</b>	<b>8.00</b>	<b>C</b>	
<b>UoM13218</b>	<b>Environmental Science</b>	<b>93</b>	<b>57</b>	<b>6.00</b>	<b>C</b>	
<b>UoM13219</b>	<b>Computer Science</b>	<b>78</b>	<b>47</b>	<b>5.00</b>	<b>S</b>	
<b>UoM132110</b>	<b>Arabic Language</b>	<b>47</b>	<b>28</b>	<b>3.00</b>	<b>B</b>	

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#### Semester 3 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
UoM13221	Mathematics 2	93	57	6.00	S	
UoM13222	Fluids	108	67	7.00	C	
UoM13223	Environmental Chemistry	108	67	7.00	C	
UoM13224	Hydrology	108	67	7.00	C	
UoM13225	Human Rights and Democracy	47	28	3.00	B	

#### Semester 4 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
UoM13226	Environmental Statistics	78	47	5.00	C	
UoM13227	Soil Physics	93	82	7.00	C	
UoM13228	Remote Sensing	93	82	7.00	C	
UoM13229	Environmental Geology	108	42	6.00	C	
UoM132210	Surveying	78	47	5.00	C	

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#### Semester 5 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
UoM13231	Advanced Mathematics	93	32	5.00	C	
UoM13232	Microbiology	108	67	7.00	C	
UoM13233	Management and treatment of solid waste	78	47	5.00	C	
UoM13234	Soil Pollution	108	67	7.00	C	
UoM13235	Water Quality	78	72	6.00	C	

#### Semester 6 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
UoM13236	Water supply and water treatment	93	82	7.00	C	
UoM13237	Biochemistry	78	72	6.00	C	
UoM13238	Renewable Energy	78	72	6.00	C	
UoM13239	Thermodynamics	78	72	6.00	C	
UoM132310	Geographic Information System	78	47	5.00	C	

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#### Semester 7 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
UoM13241	Wastewater and Sludge Treatment	108	92	8.00	C	
UoM13242	Environmental Management and cost	120	55	7.00	C	
UoM13243	Air pollution	93	57	6.00	C	
UoM13244	Environmental Laws and legislations	63	37	4.00	C	
UoM13245	Nano Technology	78	47	5.00	C	

#### Semester 8 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
UoM13246	Environmental Impact Assessment	93	57	6.00	C	
UoM13247	Sustainability	93	32	5.00	C	
UoM13248	Radioactive and Noise Pollution	93	32	5.00	C	
UoM13249	Urban Planning	93	32	5.00	C	
UoM132410	Elective	63	62	5.00	C	
UoM132411	Graduation Project	30	70	4.00	C	