

**TOTAL COURSE-PROGRAMME OUTCOMES RELATIONSHIP**

					<b>Programme Outcomes</b>														
<b>Course Code</b>	<b>Course Name</b>	<b>T</b>	<b>P</b>	<b>ECTS</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
	<b>Fall Semester</b>																		
<b>MUH5001</b>	<b>Scientific Research Methods</b>	2	0	6	1	3	5	5	5	3	3	5	5	2	0	3	3	5	4
<b>CEV5003</b>	<b>Special Topics-I</b>	5	0	10	5	5	5	5	5	5	4	5	5	3	5	4	4	4	5
<b>CEV5005</b>	<b>Thesis Research</b>	0	1	20	5	5	5	5	5	5	4	5	5	3	5	4	4	4	5
<b>CEV5007</b>	<b>Seminar*</b>	0	2	6	5	5	5	5	5	5	4	4	5	3	5	4	4	4	5
<b>CEV5101</b>	<b>Environmental Biotechnology-I</b>	2	0	6	5	5	5	5	4	0	0	1	2	0	0	0	1	0	4
<b>CEV5103</b>	<b>Erosion and Environmental Impacts</b>	2	0	6	4	5	5	5	4	4	2	2	2	0	0	0	1	0	5
<b>CEV5105</b>	<b>Eutrophication</b>	2	0	6	5	5	3	5	4	4	3	3	1	0	0	0	0	1	5
<b>CEV5107</b>	<b>Soil Remediation Using Biological Methods</b>	2	0	6	5	5	5	5	4	0	0	1	2	0	0	0	1	0	4
<b>CEV5109</b>	<b>Statistics in Environmental Engineering-I</b>	2	0	6	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5
<b>CEV5111</b>	<b>Natural Wastewater Treatment</b>	3	0	8	5	3	3	3	3	5	3	3	4	0	0	0	2	3	4
<b>CEV5113</b>	<b>Fungal Applications in Environmental Biotechnology</b>	3	0	8	5	4	4	5	5	3	5	5	3	0	4	0	0	5	5
<b>CEV5115</b>	<b>Watershed Management</b>	3	0	8	5	5	5	5	5	5	4	4	3	0	0	1	1	2	5
<b>CEV5117</b>	<b>Heavy Metals in Soil</b>	3	0	8	4	5	4	5	4	0	0	1	2	0	0	0	1	0	4
<b>CEV5119</b>	<b>Membrane Technology in Water and Wastewater Treatment</b>	3	0	8	5	4	5	5	5	4	4	3	5	0	4	3	3	1	5
<b>CEV5121</b>	<b>Advanced Oxidation Processes</b>	3	0	8	5	4	5	5	4	4	0	4	4	0	3	2	0	0	5
<b>CEV6101</b>	<b>Microbiological Factors in Pollution Control</b>	3	0	10	4	5	4	5	4	0	0	1	2	0	0	0	1	0	4
<b>CEV6103</b>	<b>Environmental Toxicology</b>	3	0	10	5	5	4	5	5	3	3	1	2	0	0	0	0	1	5
<b>CEV6105</b>	<b>Soil Physical Chemistry-I</b>	3	0	10	5	4	4	5	5	4	5	4	4	5	0	0	0	0	4
<b>CEV6107</b>	<b>Environmental Nanotechnology</b>	3	0	10	5	5	5	4	4	4	4	4	4	0	4	2	0	1	5

	Spring Semester																			
CEV5004	Special Topics-II	5	0	10	5	5	5	5	5	5	4	5	5	3	5	4	4	4	5	
CEV5006	Thesis Research	0	1	20	5	5	5	5	5	5	4	5	5	3	5	4	4	4	5	
CEV5008	Seminar	0	2	6	5	5	5	5	5	5	4	4	5	3	5	4	4	4	5	
CEV5102	Environmental Biotechnology-II	2	0	6	5	5	5	5	4	0	0	1	2	0	0	0	1	0	4	
CEV5104	Biological Agriculture and Environment	2	0	6	4	5	5	5	4	0	0	1	2	0	0	0	1	0	4	
CEV5106	Environmental Oceanography	2	0	6	5	5	4	5	4	2	2	1	1	0	0	0	0	1	5	
CEV5108	Agricultural Chemicals on Soil Pollution	2	0	6	4	5	5	5	4	0	0	1	2	0	0	0	1	0	4	
CEV5110	Soil Pollution	2	0	6	5	5	5	5	4	0	0	1	2	0	0	0	1	0	1	
CEV5112	Natural Resources Management in Arid Regions	3	0	8	4	5	5	5	4	1	0	2	1	0	0	0	1	0	2	
CEV5114	Phytoremediation	3	0	8	5	5	5	5	4	0	0	1	2	0	0	0	1	0	4	
CEV5116	Advanced Wastewater Treatment Technologies	3	0	8	5	4	5	5	4	4	3	3	5	0	4	3	2	1	5	
CEV5118	Statistics in Environmental Engineering-II	2	0	6	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	
CEV5120	Treatment of Industrial Wastewater	2	0	6	5	4	5	5	5	5	4	4	5	0	3	3	5	2	5	
CEV5122	Constructed Wetland Systems	2	0	6	5	3	3	3	3	5	3	3	4	0	0	0	2	3	4	
CEV5124	Organic Waste Recycle Technology	2	0	6	5	4	5	5	5	3	5	5	3	0	4	0	0	5	5	
CEV5126	Wastewater Reuse	3	0	8	5	4	5	5	5	4	4	3	5	1	4	2	4	2	4	
CEV5128	Industrial Microbiology	3	0	8	5	4	4	5	5	3	5	5	3	0	4	0	0	5	5	
CEV6102	Biotechnological Wastewater Treatment	3	0	10	5	3	3	3	3	5	3	3	4	0	0	0	2	3	4	
CEV6104	Energy Transformation During Biological Treatment System	3	0	10	5	4	4	5	5	3	5	5	3	0	4	0	0	4	5	
CEV6106	Marine and Inland Waters Pollution	3	0	10	5	5	5	5	4	3	2	2	1	0	0	0	0	1	5	
CEV6108	Research Methods in Soil Microbiology	3	0	10	5	5	5	5	4	0	0	1	2	0	0	0	1	0	4	
CEV6110	Soil Physical Chemistry-II	3	0	10	5	4	4	5	5	4	5	4	4	5	0	0	0	0	4	

\* Level of Contribution: 0-None, 1-Lowest, 2-Low, 3-Average, 4-High, 5-Highest