

**1<sup>st</sup> Year MSc Curriculum  
Semester 1**

Course Category	Course Code	Course Title	L	T	P	L+T+P	C
C	ES 501	Environmental Issues and Legislation	3	0	0	3	3
C	ES 503	Ecology	2	1	0	3	3
C	ES 504	Sustainability	2	1	0	3	3
C	ES 505	Environmental Chemistry	2	1	0	3	3
C	ES 506	Energy and Environment	2	1	0	3	3
C	ES 520 / ES 521	Remedial Biology / Remedial Mathematics	3	0	0	3	3
C	ES 516	Environmental Laboratory – I	0	0	6	6	3
<b>Total</b>			<b>14</b>	<b>4</b>	<b>6</b>	<b>24</b>	<b>21</b>

**Semester 2**

Course Category	Course Code	Course Title	L	T	P	L+T+P	C
C	ES 507	Environmental Microbiology	2	1	0	3	3
C	ES 508	Biodiversity and conservation	2	1	0	3	3
C	ES 509	Climate change	2	1	0	3	3
C	ES 510	Air Pollution and Control	2	1	0	3	3
C	ES 511	Freshwater Environment	2	0	0	2	2
DE	ES 5XX	Department Elective - 1	2	1	0	3	3
C	ES 517	Environmental Laboratory – II	0	0	6	6	3
<b>Total</b>			<b>12</b>	<b>5</b>	<b>6</b>	<b>23</b>	<b>20</b>

**2<sup>nd</sup> Year MSc Curriculum  
Semester 3**

Course Category	Course Code	Course Title	L	T	P	L+T+P	C
C	ES 512	Solid Waste Management	2	1	0	3	3
C	ES 513	Process Design and Systems Analysis	2	1	0	3	3
C	ES 514	Remote sensing and GIS	2	1	0	3	3
C	ES 515	Wastewater Treatment	2	1	0	3	3
DE	ES 5XX	Department Elective - 2	2	1	0	3	3
DE	ES 5XX	Department Elective - 3	2	1	0	3	3
C	ES 518	Introduction to Research Project	0	0	6	6	3
C	ES 502	Scientific Writing and Ethics	1	0	0	1	1
<b>Total</b>			<b>13</b>	<b>6</b>	<b>6</b>	<b>25</b>	<b>22</b>

**Semester 4**

Course Category	Course Code	Course Title	L	T	P	L+T+P	C
C	ES 519	Project Work	0	0	0	0	16
<b>Total</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>

**Total Credits: 21 + 20 + 22 + 16 = 79 Credits**