

## Syllabus

<b>Bachelor of Science/ Bachelor of Science Honors (Environmental Science)</b>		
<b>First Semester</b>		<b>Credit =21</b>
Sr. No.	Subjects	Credit
1.	Fundamental of Environmental Science	3
2.	Ecology and Ecosystem	3
3.	Solid Waste Management	3
4.	Laboratory-1	6
5.	Communicative English	3
6.	Fundamentals of Computer Science	3
<b>Second Semester</b>		<b>Credit =23</b>
Sr. No.	Subjects	Credit
1.	Environmental Pollution	3
2.	Earth and Earth Surface Processes	3
3.	Climate Change and its Implications	3
4.	Laboratory-2	6
5.	English for Career Development	3
6.	Personality Development	3
7.	Life Lessons from Bhagavad Geeta	2

**Note:** Students exiting the programme after securing 44 credits will be awarded UG Certificate in the relevant Discipline /Subject, provided they secure 4 credits in work based vocational courses earned during summer term internship / Apprenticeship in addition to 6 credits from skill-based courses earned during first and second semester

<b>Bachelor of Science/ Bachelor of Science Honors (Environmental Science)</b>		
<b>Third Semester</b>		<b>Credit =19</b>
Sr. No.	Subjects	Credit
1.	Divisions of Environment	3
2.	Water Analysis	3
3.	Environmental Conservation add Moments	3
4.	Laboratory- 3 (Practical)	6
5.	Business Communication 1	2
6.	Universal Human Value	2
<b>Fourth Semester</b>		<b>Credit =20</b>
Sr. No.	Subjects	Credit
1.	Natural Resources and Management	3
2.	Biodiversity and Wildlife Conservation	3
3.	Ecological Analysis	3
4.	Laboratory-4 (Practical)	6
5.	Business Communication 2	2
6.	Cyber Security	3

**Note:** Students exiting the programme after securing 84 credits will be awarded UG Diploma in the relevant Discipline /Subject provided they secure additional 4 credit in skill based vocational courses offered during first year or second year summer term.

<b>Bachelor of Science/ Bachelor of Science Honors (Environmental Science)</b>		
<b>Fifth Semester</b>		<b>Credit =24</b>
Sr. No.	<b>Subjects</b>	Credit
1	Women and Environment	3
2	Mineralogy, Petrology and Energy Resources	3
3	Metrology and Biodiversity Assessment	3
4	Environmental Chemistry-1	3
5	Laboratory-5	8
6	Internship	4
<b>Sixth Semester</b>		<b>Credit =20</b>
Sr. No.	<b>Subjects</b>	
1	Environment Microbiology	3
2	Environmental Biotechnology and Statics	3
3	Environmental Chemistry-2	3
4	Industrial Environmental Pollutants	3
5	Laboratory-6	8

Note: Students who want to undertake 3-year UG programme will be awarded UG Degree in the relevant Discipline /Subject upon securing 124 credits