



FACULTY OF  
SCIENCE AND  
HEALTH SCIENCE



2024 - 25

**M.Sc. Environmental Science**

Programme Structure

<b>Division</b>	Faculty of Science and Health Sciences
<b>School Name</b>	School of Science and Environmental Studies
<b>Department Name</b>	Department of Environmental Studies
<b>Programme Name</b>	M.Sc. Environmental Science

### Credit Distribution

Type of course	% of Credits	No of Courses	Credits
University Core (UC)	06	03	05
Research Methodology (RM)	04	01	04
Program Foundation (PF)	04	02	04
Program Major (PM)	44	17	37
Program Electives (PE)	18	04	16
Project / Internship (PR)	18	02	16
On Job Training – OJT (PR)	05	01	04
<b>Total</b>			<b>86</b>

### M.Sc. Environmental Science First Year Semester I

Course Code	Name of the Course	Type	Credits
EVS7PF01A	Foundations of Ecology	PF	2
EVS7PF02A	Understanding SDGs	PF	2
EVS7PM01A	Environmental Chemistry	PM	2
EVS7PM02A	Remote Sensing & GIS	PM	2
EVS7PM03A	RS-GIS & Ecology Lab	PM	3
EVS7PM04A	Research Methodology	RM	4
EVS7PE01A	Program Elective-01	PE	4
PCE7UC01A	Scientific Studies of Mind, Matter, Spirit and Consciousness	UC	2
YOG7UC01A	Yoga	UC	1
<b>Total</b>			<b>22</b>

## M.Sc. Environmental Science First Year Semester II

Course Code	Name of the Course	Type	Credits
EVS7PM05A	Environmental Pollution	PM	2
EVS7PM06A	Environmental Biotechnology	PM	2
EVS7PM07A	Environmental Assessment, Monitoring & Compliance	PM	2
EVS7PM08A	Climate Change & Natural Resource Management	PM	2
EVS7PM09A	Biodiversity & Conservation	PM	2
EVS7PE02A	Program Elective-02	PE	4
EVS7PM10A	Biotechnology & Pollution Lab	PM	2
EVS7PM11A	Environmental Data Analytics	PM	4
PCE7UC02A	Peace Building: Global Initiatives	UC	2
Total			22

## M.Sc. Environmental Science First Year Semester III

Course Code	Name of the Course	Type	Credits
EVS8PR01A	On Job Training / Internship I	OJT	4
EVS8PR01A	Dissertation I	PR	6
EVS8PM02A	Environmental Project Management	PM	2
EVS8PE01A	Program Elective-03	PE	4
EVS8PM03A	Environmental Economics	PM	3
EVS8PM04A	CSR & ESG	PM	2
Total			21

## M.Sc. Environmental Science First Year Semester IV

Course Code	Name of the Course	Type	Weekly Workload, Hrs				Credits	Assessment Scheme Code
			L	T	P	J		
EVS8PR02A	Dissertation II / Internship II	PR	-	-	-	30	10	PJ
EVS8PE02A	Program Elective-04	PE	2	1	2	-	4	TT1
EVS8PM05A	Innovations, IPR, Ethics and Entrepreneurship	PM	2	1	-	-	3	TT2
EVS8PM06A	Science Communication	PM	1	1	-	-	2	TT2
EVS8PM07A	Climate Action Leadership	PM	1	1	-	-	2	TT2
Total			5	3	2	36	21	

## M.Sc. Environmental Science First Year Semester IV

Semester	Wildlife Conservation – Track 1	Industrial Sustainability – Track 2	Environmental Regulations – Track 3	Credits
I	Evolutionary Biology	Industrial Pollution	Environmental Laws & Policies	4
II	Landscape Ecology	Green Energy	Environmental Education & Awareness	4
III	Wildlife Research Methods	Sustainability Reporting	Environment Health & Safety Management	4
IV	Conservation Ecology	Localizing SDGs	Environmental Regulations & Ethics	4

\*students to choose any one subject from the Program Electives each semester. The elective will be offered if at least 30% (~10 students) of the batch opts for it.