

COURSE AT A GLANCE

SUBJECT: M.Sc. ENVIRONMENTAL SCIENCE

ACADEMIC SESSION: 2025-26

First Semester-December, 2025

Course Number	Course Title	Credit Hour	Mark Distribution	Maximum Marks
411	FUNDAMENTALS OF ECOLOGY AND ENVIRONMENTAL SCIENCES	4(Theory)	20+80	100
412	REMOTE SENSING AND GEOGRAPHICAL INFORMATION SYSTEM	4(Theory)	20+80	100
413	INSTRUMENTAL TECHNIQUES: PRINCIPLE AND APPLICATION	4(Theory)	20+80	100
414	METHODS OF ANALYSIS OF ENVIRONMENTAL SAMPLES	4(Theory)	20+80	100
415	LABORATORY PRACTICAL AND FIELD STUDIES ON EV-411& 412	2(Practical)	100	100
416	LABORATORY PRACTICAL AND FIELD STUDIES ON EV-413& 414	2(Practical)	100	100
417	Environmental Studies and Disaster Management	2	40+60	100

Second Semester-April, 2026

Course Number	Course Title	Credit Hour	Mark Distribution	Maximum Marks
421	FUNDAMENTALS OF SOIL SCIENCE	4(Theory)	20+80	100
422	NONRENEWABLE AND PERPETUAL ENERGY RESOURCES	4(Theory)	20+80	100
423	DATA ANALYSIS IN ENVIRONMENTAL SCIENCE	4(Theory)	20+80	100
424	LABORATORY PRACTICAL IN EV-C-421 TO 423INCLUDING COMPUTER APPLICATION IN DATA ANALYSIS	4(Theory)	20+80	100
425	SUMMER TRAINING AND PROJECT REPORT/TERM PAPER TO BE EVALUATED BY DEPARTMENTAL TEACHERS	2(Practical)	100	100
426	SEMINAR	2(Practical)	100	100
427	Inter Disciplinary Course (IDC)	3	40+60	100

Third Semester-December, 2026

Course Number	Course Title	Credit Hour	Mark Distribution	Maximum Marks
511	ENVIRONMENTAL POLLUTION	4(Theory)	20+80	100
512	FOREST AND WILD LIFE ECOLOGY	4(Theory)	20+80	100
513	ENVIRONMENTAL TOXICOLOGY	4(Theory)	20+80	100
514	DISASTER MANAGEMENT	4(Theory)	20+80	100
515	LABORATORY PRACTICAL & FIELD STUDIES ON EV-C-511&512	2(Practical)	100	100
516	LABORATORY PRACTICAL & FIELD STUDIES ON EV-C-513&514	2(Practical)	100	100
517	Entrepreneurship Development	2	40+60	100

Fourth Semester-April, 2027

Course Number	Course Title	Credit Hour	Mark Distribution	Maximum Marks
521	PROJECT WORK	4(Theory)	20+80	100
522	ENVIRONMENTAL LAW & SOCIETY	4(Theory)	20+80	100
523	A- POLLUTION CONTROL & MANAGEMENT B- SOIL BIOLOGY & ECOLOGY	4(Theory)	20+80	100
524	A- ENVIRONMENTAL BIOTECHNOLOGY B- SOIL BIOTECHNOLOGY	4(Theory)	100	100
525	A- LABORATORY PRACTICAL AND FIELD STUDIES RELATING TO 523 B- LABORATORY PRACTICAL AND FIELD STUDIES RELATING TO 523	2(Practical)	100	100

526	A- LABORATORY PRACTICAL AND FIELD STUDIES RELATING TO 524 B- LABORATORY PRACTICAL AND FIELD STUDIES RELATING TO 524	2(Practical)	100	100
527	MOOC	3		100