



Your Dreams Our Goal

POORNIMA UNIVERSITY

Member of Association of Indian Universities & Approved by UGC (Govt. of India) under 2(f) & 12(B)

FACULTY OF SCIENCE & HUMANITIES

DEPARTMENT OF SCIENCE & HUMANITIES



SCHEME & SYLLABUS BOOKLET

BATCH 2023-2026

SCHEME

BATCH: 2023-26

POORNIMA UNIVERSITY, JAIPUR
FACULTY OF SCIENCE & HUMANITIES
BATCH: 2023-2026
TEACHING SCHEME (TOTAL CREDIT:143)

Course Code	FIRST SEMESTER B.Sc (ECC)	Credits
BESCES1101	Fundamentals of Environmental Science	3
BESCES1102	Inorganic Chemistry	3
BESCES1103	Organic Chemistry	3
BESCES1104	Operating Systems	3
BESCES1105	Computer Fundamentals & C Programming	3
BESCES1201	Environmental Science Lab-I	1
BESCES1202	Chemistry Lab-I	1
BESCES1203	C Programming Lab-I	1
BESCES1204	Exploratory Project-I	1
BUACHU1202	Foundation English	1
BULCSE1201	Skill Enhancement Generic Course-I	1
BUVCSA1102	Environmental Studies	2
Total Credit		23

Course Code	SECOND SEMESTER B.Sc (ECC)	Credits
BESCES2101	Environmental Microbiology	3
BESCES2102	Natural Resource Conservation	3
BESCES2103	Organic Chemistry	3
BESCES2104	Data Structure	3
BESCES2105	Computer Networks	3
BESCES2201	Environmental Science Lab-II	1
BESCES2202	Chemistry Lab-II	1
BESCES2203	Data Structure Lab-II	1
BESCES2204	Exploratory Project-II	1
BESEMC2121	MOOC Course-I	2
BUACHU2205	Human Values & Professional Ethics	1
BULCSE2201	Skill Enhancement Generic Course-II	1
BUVCPH2103	Nutrition & Fitness	2
Total Credit		25

Course Code	THIRD SEMESTER B.Sc (ECC)	Credits
BESCES3101	Environmental Pollution and Control-I	3
BESCES3102	Inorganic Chemistry	3
BESCES3103	Physical Chemistry	3
BESCES3104	Web Development	3
BESCES3105	Fundamentals of Cloud Computing	3
BESCES3201	Environmental Science Lab-III	1
BESCES3202	Chemistry Lab-III	1
BESCES3203	Web Development Lab-III	1
BESEES3101	Environmental Ecology & Ecosystem Dynamics:	3
BESEES3102	Environment Management	
BESEMC3121	MOOC Course-II	2
BUACHU3208	Communication Skills -I	1
BULCSE3201	Skill Enhancement Generic Course-III	1
Total Credit		25

Course Code	FOURTH SEMESTER B.Sc (ECC)	Credits
BESCES4101	Environmental Pollution and Control-II	3
BESCES4102	Physical Chemistry	3
BESCES4103	Organic Chemistry	3
BESCES4104	Database Management Systems	3
BESCES4105	Software Engineering	3
BESCES4201	Environmental Science Lab-IV	1
BESCES4202	Chemistry Lab-IV	1
BESCES4203	DBMS Lab-IV	1
BESEES4101	Biodiversity and Wildlife	3
BESEES4102	Renewable and Alternate Energy	
BESEMC4121	MOOC Course-III	2
BUACHU4212	Communication Skills -II	1
BULCSE4201	Document Preparation and Presentation	2
Total Credit		26

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Course Code	FIFTH SEMESTER B.Sc (ECC)	Credits
BESCES5101	Environmental Impact Assessment	3
BESCES5102	Disaster Management	3
BESCES5103	Organic Chemistry	3
BESCES5104	OOPS Using Java	3
BESCES5201	Environmental science Lab-V	1
BESCES5202	Chemistry Lab-V	1
BESCES5203	Java Programming Lab-V	1
BESEES5101	Inorganic Chemistry	3
BESEES5102	Computer Organization and Architecture	
BESEMC5121	MOOC Course-IV	3
BUACHU5115	Entrepreneurial & Managerial Skills	2
BUVCHU5101	Gandhi & Education	2
BESCES5401	Industrial Training & Seminar	1
Total Credit		26

Course Code	SIXTH SEMESTER B.Sc (ECC)	Credits
BESCES6101	Environmental Legislation & Contemporary Environmental Issues	3
BESCES6102	Physical Chemistry	3
BESCES6103	Python Programming	3
BESCES6201	Technical Seminar	1
BUACHU6120	Presentation & Interview Skills	2
BESCES6401	Dissertation	6
Total Credit		18