



Adamas University
School of Basic and Applied Sciences
Department of Chemistry

Course Structure of B.Sc. (NEP) Environmental Science

Programme Code: CHM3406
Duration: 4 Years Full Time
Academic Year 2024-25

School of Basic and Applied Sciences
Department of Chemistry
BSc (NEP) Environmental Science
Batch: 2024-2025
Semester: I

S. No.	Type of Course	Course Code	Course Title	Teaching Load				CREDITS
				L	T	P	TOTAL	
1.	CC	EVS101	Ecology and Ecosystems	2	1	1	4	4
2.	CC	EVS102	Energy and Environment	2	1	1	4	4
3.	MDC		MDC-I (To be chosen from bucket provided)	3	0	0	3	3
4.	AEC	AEC101	Communicative English-I	3	0	0	3	3
5.	Minor		Minor I (To be chosen from bucket provided)	3	1	0	4	4
6.	VAC	VAC101	Environmental Education-I	2	0	0	2	2
TOTAL							20	20

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Semester: II

S. No.	Type of Course	Course Code	Course Title	Teaching Load				CREDITS
				L	T	P	TOTAL	
1.	CC	EVS103	Physics and Chemistry of the Environment	2	1	1	4	4
2.	CC	EVS104	Atmospheric science and Climate Change	2	1	1	4	4
3.	MDC		MDC-II (To be chosen from bucket provided)	3	0	0	3	3
4.	SEC		SEC I (To be chosen from bucket provided)	1	0	1	2	2
5.	VAC	VAC105	Community Engagement	2	0	0	2	2
6.	AEC	AEC102	Communicative English-II	3	0	0	3	3
7.	Minor		Minor II (To be chosen from bucket provided)	3	0	1	4	4
TOTAL							22	22

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Semester: III

S. No.	Type of Course	Course Code	Course Title	Teaching Load				CREDITS
				L	T	P	TOTAL	
1.	CC	EVS201	Water And Water Resources Management	2	1	1	4	4
2.	CC	EVS202	Land and Soil Conservation and Management	2	1	1	4	4
3.	MDC			3	0	0	3	3
4.	Minor		Minor III (To be chosen from bucket provided)	2	1	1	4	4
5.	AEC			2	0	0	2	2
6.	SEC		SEC II (To be chosen from bucket provided)	2	0	0	2	2
7.	VAC			2	0	0	2	2
	TOTAL						21	21

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Semester: IV

S. No.	Type of Course	Course Code	Course Title	Teaching Load				CREDITS
				L	T	P	TOTAL	
1.	CC	EVS203	Environmental Pollution and Human health	2	1	1	4	4
2.	CC	EVS204	Earth and Earth Surface Processes	2	1	1	4	4
3.	CC	EVS205	Natural Resource Management and Sustainability	2	1	1	4	4
4.	CC	EVS206	Systematics and Biodiversity	2	1	1	4	4
5.	SEC		SEC III (To be chosen from bucket provided)	2	0	0	2	2
6.	Minor		Minor IV (To be chosen from bucket provided)	2	1	1	4	4
7.	VAC			2	0	0	2	2
TOTAL							24	24

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Semester: V

S. No.	Type of Course	Course Code	Course Title	Teaching Load				CREDITS
				L	T	P	TOTAL	
1.	CC	EVS301	Analytical methods, instrumentation, and Measurement	2	1	1	4	4
2.	CC	EVS302	Environmental Legislation and Environmental Impact Assessment	2	1	1	4	4
3.	CC	EVS303	Solid Waste Management	3	1	0	4	4
4.	Minor		Minor V (To be chosen from bucket provided)	3	1	0	4	4
5.	SEC		SEC IV (To be chosen from bucket provided)	2	0	0	2	2
6.	Internship	EVS304	Internship	0	0	0	4	4
TOTAL							22	22

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Semester: VI

S. No.	Type of Course	Course Code	Course Title	Teaching Load				CREDITS
				L	T	P	TOTAL	
1.	CC	EVS305	Evolutionary biology	3	1	0	4	4
2.	CC	EVS306	Environmental Biochemistry and Biotechnology	3	1	0	4	4
3.	CC	EVS307	Health, Safety and Environment	3	1	0	4	4
4.	Minor		Minor VI (To be chosen from bucket provided)	3	1	0	4	4
5.	SEC		SEC V (To be chosen from bucket provided)	2	0	0	2	2
6.	Project	EVS308	Project	0	0	4	4	4
TOTAL							22	22

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Semester: VII

S. No.	Type of Course	Course Code	Course Title	Teaching Load				CREDITS
				L	T	P	TOTAL	
1.	CC	EVS401	Advanced Wastewater Engineering	2	1	1	4	4
2.	CC	EVS402	Air Pollution and Control Technologies	2	1	1	4	4
3.	CC	EVS403	Remote Sensing and Geographic Information System	2	1	1	4	4
4.	CC (For With research)	EVS404	Research Methodology (should start working on dissertation topic)	2	1	1	4	4
5.	CC (For Without research)	EVS405	Environmental Sustainability	3	1	0	4	4
6.	Minor		Minor VII (To be chosen from bucket provided)	3	1	0	4	4
TOTAL							20	20

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Semester: VIII

S. No.	Type of Course	Course Code	Course Title	Teaching Load				CREDITS
				L	T	P	TOTAL	
1.	CC	EVS406	Environmental Data Analysis and Statistics	3	0	1	4	4
2.	CC (For Without Research)	EVS407	Advanced Environmental Modelling	3	1	0	4	4
3.	CC (For Without Research)	EVS408	Advanced Eco-restoration Strategies	3	1	0	4	4
4.	Minor		Minor VIII (To be chosen from bucket provided)	3	0	1	4	4
5.	Minor (For Without Research)		Minor IX (To be chosen from bucket provided)	3	0	1	4	4
6.	Dissertation (For with research)	EVS409	Project/Dissertation	0	0	12	12	12
TOTAL								20