

BACHELOR'S DEGREE in Biological Sciences**COURSE OUTLINE**

Year I - 2025-2026	SSD	Type	Sem	CFU
Mathematics and Statistics	MAT/08	basic	I	9
General and Inorganic Chemistry with Lab	CHIM/03	basic	I	9
Cytology and Histology with Laboratory	BIO/06	basic	I	9
Botany and Elements of Plant Physiology with Lab	BIO/01	basic	II	9
Physics	FIS/06	basic	II	6
Environmental Organic Chemistry with Lab	CHIM/12_06	aff. int /basic	II	9

English Language	L-LIN/12		II	3
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Second year - 2026-2027	SSD	Type	Sem	CFU
Animal Biology	BIO/05	basic	I	9
Biochemistry with Laboratory	BIO/10	basic	I	9
Developmental Biology and Animal Phylogeny with lab	BIO/06	char.	I	9
Ins to be chosen	INS TO BE CHOSEN		II	6
Genetics	BIO/18	char.	II	9
Microbiology with Lab	BIO/19	char.	II	9
Ecology	BIO/07	char.	II	9

ENVIRONMENTAL CURRICULUM

	SSD	Type	Sem	CFU
028				
Marine Biology	BIO/05	aff.int	I	6
Molecular Biology with lab	BIO/11	caratt.	I	9
Climate and Biosphere	GEO/12	aff.int	I	6
General Physiology	BIO/09	caratt.	I	9

Ins to be chosen I I 6

Applied Ecology	BIO/07	caratt.	II	6
Hygiene	MED/42	char.	II	9
Internship				6
Thesis				6

Third year - 2027-2028 SSD Type Sem CFU

GENERAL CURRICULUM

Experimental approaches for in vivo and in vitro studies	BIO/06-BIO/09 aff.int I				6
Molecular biology with lab	BIO/11	char.	I	9	
General Physiology	BIO/09	char.	I	9	
Structural Biology and Bioinformatics	Chim/03	aff int.	I	6	
Genomics and Epigenomics	BIO18	char.	II	6	
Hygiene	MED/42	char.	II	9	
Ins of choice			II	6	
Internship				6	
Thesis					6

ELECTIVE SUBJECTS

Food and medicinal plants	BIO/01 2-	II	6	
Physical chemistry	FIS/06 2	-II	6	
Physiography of marine and coastal environments	GEO/02 2-	II	6	
Zoology :Diversity and Conservation	BIO/05 2-	II	6	
Applied Microbiology	BIO19 3	-II	6	
Geographic Information Systems	ICAR 06 TRANSFERRED 3-	II	6	
Fundamentals of HACCP and Principles of Sustainable Nutrition	MED 42 3-II	6		

Molecular Diagnostics	BIO/11 3-	II	6	
Astrobiology	FIS/05-BIO/10 2-	II	6	
Plant physiology	BIO/04 3	-II	6	