MINISTÉRIO DA EDUCAÇÃO
UNIVERSIDADE FEDERAL DE OURO PRETO
PRÓ-REITORIA DE GRADUAÇÃO

UFOP

COURSE OF BIOLOGICAL SCIENCE - 2026/2(curriculum 5)

OURO PRETO'S CAMPUS

CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
BEV276	INTRODUCTION TO BIOLOGICAL THINKING		30/0	36	2	0	1
BEV278	INTRODUCTION TO PHYLOGENETIC SYSTEMATIC		30/0	36	2	0	1
BEV713	FUNDAMENTALS OF ECOLOGY I		60/30	72	2	2	1
EDU256	EDUCATIONAL PSYCHOLOGY		60/0	72	4	0	1
MTM141	MATHEMATICS APPLIED TO BIOLOGICAL SCIENCES		60/0	72	4	0	1
QUI268	GENERAL CHEMISTRY		45/0	54	3	0	1
BEV279	FUNDAMENTALS OF ECOLOGY II	BEV713	60/0	72	2	2	2
CBI760	CELL BIOLOGY		60/0	72	2	2	2
EDU252	HISTORICAL STUDIES ON EDUCATION		60/0	72	4	0	2
EDU253	SOCIOLOGICAL STUDIES ON EDUCATION		60/0	72	4	0	2
FIS118	CONCEPTUAL PHYSICS		60/0	72	2	2	2
QUI269	ORGANIC CHEMISTRY	QUI268	30/0	36	2	0	2
BEV280	SYSTEMATICS OF ALGAE AND FUNGI	BEV278	30/0	36	1	1	3
BEV281	PLANT MORPHOLOGY		60/0	72	2	2	3
BEV302	INVERTEBRATE ZOOLOGY I	CBI760	60/0	72	2	2	3
CBI271	BIOCHEMISTRY	QUI268 QUI269	90/0	108	6	0	3
CBI761	GENERAL HISTOLOGY	CBI760	60/0	72	2	2	3
BEV282	GENETICS	CBI760	60/0	72	2	2	4
BEV283	PLANT SYSTEMATICS	BEV278 BEV280	60/0	72	2	2	4
BEV284	SUPERVISED INTERNSHIP IN BIOLOGICAL SCIENCES I		105/0	121	2	5	4
BEV303	INVERTEBRATE ZOOLOGY II		60/0	72	2	2	4
CBI273	EMBRIOLOGY AND TEACHING	CBI760 CBI761	30/0	36	2	0	4
MIF001	INTERDISCIPLINARY TRAINING MODULE I		30/0	36	1	1	4
BEV285	VERTEBRATE ZOOLOGY		60/0	72	2	2	5
BEV286	PLANT ECOPHYSIOLOGY	BEV283 CBI271	30/0	36	2	0	5
BEV287	BOTANY TEACHING PRACTICES	BEV281 BEV283	30/0	36	0	2	5
BEV288	SUPERVISED INTERNSHIP IN BIOLOGICAL SCIENCES II		105/0	121	2	5	5
CBI114	HUMAN ANATOMY	CBI273	60/0	72	2	2	5
EST211	BIOSTATISTICS	MTM141	60/0	72	4	0	5
QUI077	CHEMISTRY TEACHING METHODOLOGY I	QUI268 QUI269	60/15	72	4	0	5
BEV289	EVOLUTION	BEV282	60/0	72	4	0	6
BEV291	GENETICS TEACHING PRACTICE		30/0	36	0	2	6
BEV292	SUPERVISED INTERNSHIP IN BIOLOGICAL SCIENCES III		105/0	121	2	5	6
BEV729	ENVIRONMENTAL EDUCATION AND ATTENTION TO CLIMATE CHANGE		60/30	72	2	2	6
CBI762	MOLECULAR BIOLOGY	BEV282 CBI271	60/0	72	4	0	6
EDU254	POLICIES AND EDUCATIONAL MANAGEMENT		60/0	72	4	0	6
MIF002	INTERDISCIPLINARY TRAINING MODULE II		30/0	36	1	1	6
BEV294	ACADEMIC WRITING FOR UNDERGRADUATE STUDENTS		30/0	36	2	0	7
BEV295	SUPERVISED INTERNSHIP IN BIOLOGICAL SCIENCES IV		90/0	108	2	4	7
CBI149	BASIC PHYSIOLOGY	CBI114	60/0	72	2	2	7
CBI275	PARASITES AND VECTORS BIOLOGY		60/0	72	3	1	7
CBI277	BIOLOGY OF MICROORGANISMS		60/0	72	2	2	7
CBI278	PRACTICES FOR TEACHING IN MICROBIOLOGY AND PARASITOLOGY		30/0	36	0	2	7
BEV297	FINAL RESEARCH PROJECT I		60/0	72	2	2	8
BEV726	PRACTICE OF SCIENCE AND BIOLOGY TEACHING		60/15	72	4	0	8
CBI070	IMMUNOLOGY		30/0	36	2	0	8
CBI753	SCIENCES LAB		90/60	108	2	4	8
GEO110	GENERAL GEOLOGY		45/0	54	3	0	8
MIF003	INTERDISCIPLINARY TRAINING MODULE III		30/0	36	1	1	8
BEV300	INSTRUMENTATION IN ECOLOGY TEACHING	BEV279	30/0	36	1	1	9

SWL – SEMESTER WORKLOAD IN HOURS; EWL – EXTENSION WORKLOAD IN HOURS; CWL - 50 MINUTE CLASS WORKLOAD; P - PRACTICAL CLASSES; T - THEORY CLASSES; SEM - SEMESTER

CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
BEV727	FUNDAMENTALS OF BIOETHICS		30/15	36	2	0	9
CBI018	UNDERGRADUATE THESIS II	BEV297	60/0	72	2	2	9
GEO247	PALEONTOLOGY		45/0	54	2	1	9
LET966	INTRODUCTION TO THE BRAZILIAN SIGN LANGUAGE		60/0	72	2	2	9

CODE	ELECTIVE DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
BEV112	METHODS IN PLANT ECOPHYSIOLOGY	BEV281 CBI271	30/0	36	0	2	
BEV113	MARINE BIOLOGY	BEV281 BEV303 BEV713	30/0	36	2	0	
BEV114	ANGIOSPERMS TAXONOMY	BEV283	30/0	36	1	1	
BEV115	INTRODUCTION TO BEHAVIOURAL ECOLOGY	BEV285	60/0	72	2	2	
BEV117	ECOLOGICAL PLANT ANATOMY	BEV281	60/0	72	2	2	
BEV120	BASIC TECHNIQUES IN FIELD ECOLOGY	BEV713	60/0	72	1	3	
BEV121	FUNDAMENTALS OF ECOLOGY III	BEV279	60/0	72	2	2	
BEV122	MOLECULAR ECOLOGY	BEV282	60/0	72	2	2	
BEV123	BIOGEOGRAPHY		60/0	72	2	2	
BEV124	ECOLOGY OF TROPICAL MOUNTAIN ECOSYSTEMS	BEV279	60/0	72	3	1	
BEV137	EXPERIMENTAL MARINE BIOLOGY	BEV113 BEV281 BEV303	45/0	54	0	3	
BEV250	CONSERVATION BIOLOGY	BEV279	60/0	72	3	1	
BEV717	LIMNOLOGY		60/15	72	2	2	
BEV719	BIOLOGICAL COLLECTIONS		60/15	72	2	2	
BEV721	HERPETOLOGY		60/15	72	2	2	
BEV731	PLANT CULTIVATION		60/15	72	1	3	
CBI003	CELLULAR, MUSCLE AND NERVOUS SYSTEM PHYSIOLOGY	CBI149	90/0	108	4	2	
CBI006	CARDIOVASCULAR, RESPIRATORY AND RENAL PHYSIOLOGY	CBI149	120/0	144	4	4	
CBI007	PHYSIOLOGY OF DIGESTIVE AND ENDOCRINE SYSTEMS	CBI149	75/0	90	3	2	
CBI010	CLINICAL VIROLOGY		30/0	36	2	0	
CBI011	CONCEPTS IN BIOTECHNOLOGY AND HEALTH		30/0	36	2	0	
CBI012	ENVIRONMENTAL MICROBIOLOGY		30/0	36	2	0	
CBI020	FUNDAMENTALS OF ASSISTED HUMAN REPRODUCTION		30/0	36	2	0	
CBI063	BIOSAFETY		30/0	36	2	0	
CBI067	PHYSIOLOGY APPLIED TO HEALTH RESEARCH	CBI149	60/0	72	4	0	
CBI068	SYSTEMATIC HISTOLOGY	CBI761	60/0	72	2	2	
CBI071	TOPICS IN METABOLISM AND REDOX PROCESS	CBI149 CBI271	30/0	36	2	0	
CBI072	GENERAL PATHOLOGY		60/0	72	2	2	
CBI073	INNOVATION AND ENTREPRENEURSHIP IN BIOTECHNOLOGY		60/0	72	2	2	
CBI074	MOLECULAR TOOLS APPLIED TO BIOTECHNOLOGY	CBI271	30/0	36	0	2	
CBI075	ANIMAL CELL CULTURE TECHNOLOGY	CBI068	30/0	36	2	0	
CBI076	BIOINFORMATICS: CONCEPTS AND APPLICATIONS	CBI271	60/0	72	2	2	
CBI077	INFECTIOUS AND PARASITIC DISEASES	CBI275 CBI277	60/0	72	2	2	
CBI213	ENVIRONMENTAL PATHOLOGY		30/0	36	2	0	
CBI282	FUNDAMENTAL PARASITOLOGY		30/0	36	2	0	
CBI752	MICROBIAL PROSPECTING		30/30	36	0	2	
CBI754	TOPICS IN BIOLOGICAL SCIENCES: BIOCHEMISTRY, PHYSIOLOGY, MORPHOLOGICAL SCIENCES AND PATHOLOGY	CBI271	60/15	72	4	0	
CBI755	TOPICS IN BIOLOGICAL SCIENCES: MICROBIOLOGY, IMMUNOLOGY, PARASITOLOGY AND MOLECULAR BIOLOGY.		60/15	72	4	0	
CBI763	MICROBIOLOGY AND THE ONE HEALTH-WHO CONCEPT APPLIED TO HEALTH SURVEILLANCE		45/45	54	1	2	
CBI764	BASIC PHYSIOLOGY		60/0	72	2	2	
QUI076	COMMUNICATION AND INFORMATION TECHNOLOGIES (CIT) AND DIDACTIC GAMES IN CHEMISTRY TEACHING		30/30	36	0	2	
QUI078	CHEMISTRY TEACHING METHODOLOGY II		60/15	72	3	0	
QUI080	CHEMISTRY TEACHING METHODOLOGY III		60/15	72	3	0	
QUI082	CHEMISTRY TEACHING METHODOLOGY IV		60/15	72	3	0	

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CODE	ACTIVITIES	PREREQUISITE	CHARACTER	SWL	SEM
ATV100			MANDATORY	85	
ATV300			MANDATORY	115	

Required Courses Load		Work Load
Mandatory Disciplines		2940
Elective Disciplines		90
Optative Disciplines		0
Facultative Disciplines		0
Activities		200
Extensions		115
	Total	3230