



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



COURSE OF BIOLOGICAL SCIENCE - 2020/1(curriculum 4)
OURO PRETO'S CAMPUS

CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL	CWL	CLASSES		SEM
					T	P	
BEV276	INTRODUCTION TO BIOLOGICAL THINKING		30	36	2	0	1
BEV277	FUNDAMENTALS OF ECOLOGY I		60	72	2	2	1
BEV278	INTRODUCTION TO PHYLOGENETIC SYSTEMATIC		30	36	2	0	1
EDU256	EDUCATIONAL PSYCHOLOGY		60	72	4	0	1
MTM141	MATHEMATICS APPLIED TO BIOLOGICAL SCIENCES		60	72	4	0	1
QUI268	GENERAL CHEMISTRY		45	54	3	0	1
BEV279	FUNDAMENTALS OF ECOLOGY II	BEV277	60	72	2	2	2
CBI270	CELL BIOLOGY		45	54	2	1	2
EDU252	HISTORICAL STUDIES ON EDUCATION		60	72	4	0	2
EDU253	SOCIOLOGICAL STUDIES ON EDUCATION		60	72	4	0	2
FIS120	PHYSICS APPLIED TO BIOLOGY		60	72	3	1	2
QUI269	ORGANIC CHEMISTRY	QUI268	30	36	2	0	2
BEV280	SYSTEMATICS OF ALGAE AND FUNGI	BEV278	30	36	1	1	3
BEV281	PLANT MORPHOLOGY		60	72	2	2	3
BEV302	INVERTEBRATE ZOOLOGY I	CBI270	60	72	2	2	3
CBI271	BIOCHEMISTRY	QUI268 QUI269	90	108	6	0	3
CBI272	GENERAL HISTOLOGY	CBI270	60	72	2	2	3
BEV282	GENETICS	CBI270	60	72	2	2	4
BEV283	PLANT SYSTEMATICS	BEV278 BEV280	60	72	2	2	4
BEV284	SUPERVISED INTERNSHIP I		105	121	2	5	4
BEV303	INVERTEBRATE ZOOLOGY II		60	72	2	2	4
CBI273	EMBRIOLOGY AND TEACHING	CBI270 CBI272	30	36	2	0	4
MIF001			30	36	1	1	4
BEV285	VERTEBRATE ZOOLOGY		60	72	2	2	5
BEV286	PLANT ECOPHYSIOLOGY	BEV283 CBI271	30	36	2	0	5
BEV287	BOTANY TEACHING PRACTICES	BEV281 BEV283	30	36	0	2	5
BEV288	SUPERVISED INTERNSHIP II		105	121	2	5	5
CBI114	HUMAN ANATOMY	CBI273	60	72	2	2	5
EST211	BIOSTATISTICS	MTM141	60	72	4	0	5
QUI270	CHEMISTRY TEACHING METHODOLOGY I	QUI268 QUI269	60	72	4	0	5
BEV289	EVOLUTION	BEV282	60	72	4	0	6
BEV290	ENVIRONMENTAL EDUCATION		60	72	2	2	6
BEV291	GENETICS TEACHING PRACTICE		30	36	0	2	6
BEV292	SUPERVISED INTERNSHIP III		105	121	2	5	6
CBI281	MOLECULAR BIOLOGY	BEV282 CBI271	45	54	3	0	6
EDU254	POLICY AND EDUCATIONAL REGULATION		60	72	4	0	6
MIF002			30	36	1	1	6
BEV294	ACADEMIC WRITING FOR UNDERGRADUATE STUDENTS		30	36	2	0	7
BEV295	SUPERVISED INTERNSHIP IV		90	108	2	4	7
CBI149	BASIC PHYSIOLOGY	CBI114	60	72	2	2	7
CBI275	PARASITES AND VECTORS BIOLOGY		60	72	3	1	7
CBI277	BIOLOGY OF MICROORGANISMS		60	72	2	2	7
CBI278	PRACTICES FOR TEACHING IN MICROBIOLOGY AND PARASITOLOGY		30	36	0	2	7
BEV296	PRACTICE OF SCIENCE AND BIOLOGY TEACHING		60	72	4	0	8
BEV297	UNDERGRADUATE THESIS I		60	72	2	2	8
CBI279	COMPARATIVE IMMUNOLOGY		30	36	2	0	8
CBI280	SCIENCES LAB		90	108	2	4	8
GEO110	GENERAL GEOLOGY		45	54	3	0	8
MIF003			30	36	1	1	8
BEV299	FUNDAMENTALS OF BIOETHICS		30	36	2	0	9
BEV300	INSTRUMENTATION IN ECOLOGY TEACHING	BEV279	30	36	1	1	9



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					T	P	
BEV301	UNDERGRADUATE THESIS II	BEV297	60	72	2	2	9
GEO247	PALEONTOLOGY		45	54	2	1	9
LET966	INTRODUCTION TO BRAZILIAN SIGN LANGUAGE (LIBRAS)		60	72	2	2	9

CODE	ELECTIVE DISCIPLINES	PREREQUISITE	SWL	CWL	CLASSES		SEM
					T	P	
ALI311	BIOTERISM		60	72	2	2	
AMB201	ENVIRONMENTAL IMPACT AND MANAGEMENT		60	72	2	2	
BCC443	GEOPROCESSING AND GEOGRAPHIC INFORMATION SYSTEMS		60	72	4	0	
BCC445	MODELING AND SIMULATION OF LAND SYSTEMS		60	72	4	0	
BEV146	POPULATION GENETICS		30	36	2	0	
BEV147	ECOLOGICAL ENTOMOLOGY		60	72	2	2	
BEV180	LIMNOLOGY		60	72	2	2	
BEV200	PHYTOGEOGRAPHY		60	72	2	2	
BEV201	ECONOMIC BOTANY		60	72	2	2	
BEV202	BIOGEOGRAPHY		60	72	2	2	
BEV203	TOPICS IN GENETICS		30	36	2	0	
BEV262	INTRODUCTION TO MARINE BIOLOGY		60	72	2	2	
BEV263	AQUATIC ECOLOGY		45	54	2	1	
BEV266	MOLECULAR EVOLUTION		60	72	2	2	
BEV267	MOLECULAR GENETICS OF THE DEVELOPMENT		60	72	4	0	
BEV268	INTRODUCTION TO AGROBIODIVERSITY		60	72	4	0	
BEV269	FIELD TECHNIQUES BASIC COURSE A		45	54	1	2	
CBI107	SPECIAL HISTOLOGY		60	72	2	2	
CBI251	ENVIRONMENTAL MICROBIOLOGY		60	72	2	2	
CBI265	SPECIAL TOPICS IN METABOLIC BIOCHEMISTRY		30	36	2	0	
CBI282	FUNDAMENTAL PARASITOLOGY		30	36	2	0	
CBI283	BIOTECHNOLOGY FOR DIAGNOSIS ON HEALTH	CBI275 CBI279	60	72	2	2	
CIV228	ENVIRONMENTAL SANITATION		60	72	2	2	
EDU303	SCIENTIFIC METHODOLOGY		30	36	2	0	
EST002	STATISTICS II		90	108	6	0	
EST003	PROBABILITY I		90	108	6	0	
EST008	SAMPLING TECHNIQUES I		60	72	4	0	
EST009	DEMOGRAPHICS		60	72	4	0	
FAR104	ECOTOXICOLOGY		45	54	3	0	
GEO344	MICROPALEONTOLOGY		60	72	2	2	
MTM139	INTRODUCTION TO DIFFERENTIAL AND INTEGRAL CALCULUS		60	72	4	0	
MTM212	DIFFERENTIAL AND INTEGRAL CALCULUS I		60	72	4	0	
MTM604	CALCULUS II FOR STATISTICS		90	108	6	0	
QUI175	ORIGIN AND CHARACTERIZATION OF OIL AND DERIVATIVES		45	54	2	1	

CODE	ACTIVITIES	PREREQUISITE	CHARACTER	SWL	SEM
ATV100			MANDATORY	200	

Required Courses Load	Work Load
Mandatory Disciplines	2910
Elective Disciplines	90
Optative Disciplines	0
Facultative Disciplines	0
Activities	200
Total	3200