



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



COURSE OF CHEMISTRY - 2020/1(curriculum 2)
OURO PRETO'S CAMPUS

CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL	CWL	CLASSES		SEM
					T	P	
EDU252	HISTORICAL STUDIES ON EDUCATION		60	72	4	0	1
LET966	INTRODUCTION TO BRAZILIAN SIGN LANGUAGE (LIBRAS)		60	72	2	2	1
MTM131	ANALYTICAL GEOMETRY AND VECTOR CALCULUS		60	72	4	0	1
QUI251	EXPERIMENTAL GENERAL CHEMISTRY I		30	36	0	2	1
QUI252	GRADUATION SEMINARS		30	36	2	0	1
QUI253			60	72	4	0	1
EDU253	SOCIOLOGICAL STUDIES ON EDUCATION		60	72	4	0	2
EST202	STATISTICS AND PROBABILITY		60	72	4	0	2
MTM122	DIFFERENTIAL AND INTEGRAL CALCULUS I		90	108	6	0	2
QUI271	GENERAL CHEMISTRY II	QUI251 QUI253	60	72	4	0	2
QUI272	EXPERIMENTAL GENERAL CHEMISTRY II	QUI251 QUI253	30	36	0	2	2
EDU256	EDUCATIONAL PSYCHOLOGY		60	72	4	0	3
FIS305	THEORETICAL PHYSICS I		60	72	4	0	3
MIF001			30	36	1	1	3
QUI227	PHYSICAL-CHEMISTRY I	MTM122 QUI271 QUI272	60	72	4	0	3
QUI228	EXPERIMENTAL PHYSICAL-CHEMISTRY I	MTM122 QUI271 QUI272	30	36	0	2	3
QUI241	EXPERIMENTAL INORGANIC CHEMISTRY I	QUI271 QUI272	30	36	0	2	3
QUI273	INORGANIC CHEMISTRY A	QUI271 QUI272	60	72	4	0	3
QUI274	SUPERVISED CHEMISTRY INTERNSHIP I	QUI271 QUI272	30	36	2	0	3
EDU254	POLICY AND EDUCATIONAL REGULATION		60	72	4	0	4
QUI225	ORGANIC CHEMISTRY I	QUI271 QUI272	60	72	4	0	4
QUI226	EXPERIMENTAL ORGANIC CHEMISTRY I	QUI271 QUI272	30	36	0	2	4
QUI230	PHYSICAL-CHEMISTRY II	QUI227 QUI228	60	72	4	0	4
QUI231	EXPERIMENTAL PHYSICAL-CHEMISTRY II	QUI227 QUI228	30	36	0	2	4
QUI275	HISTORY OF CHEMISTRY	QUI271 QUI272	60	72	2	2	4
QUI276	SUPERVISED CHEMISTRY INTERNSHIP II	QUI274	60	72	2	2	4
MIF002			30	36	1	1	5
QUI193	ANALYTICAL CHEMISTRY A	QUI271 QUI272	45	54	3	0	5
QUI229	ORGANIC CHEMISTRY II	QUI225 QUI226	60	72	4	0	5
QUI233	EXPERIMENTAL ORGANIC CHEMISTRY II	QUI225 QUI226	30	36	0	2	5
QUI247	EXPERIMENTAL ANALYTICAL CHEMISTRY I	QUI271 QUI272	45	54	0	3	5
QUI270	CHEMISTRY TEACHING METHODOLOGY I	QUI276	60	72	4	0	5
QUI278	SUPERVISED CHEMISTRY INTERNSHIP III	QUI276	105	126	2	5	5
QUI130	ORGANIC ANALYSIS D	QUI229 QUI233	60	72	2	2	6
QUI248	ANALYTICAL CHEMISTRY II	QUI193 QUI247	45	54	3	0	6
QUI249	EXPERIMENTAL ANALYTICAL CHEMISTRY II	QUI193 QUI247	45	54	0	3	6
QUI279	CHEMISTRY TEACHING METHODOLOGY II	QUI270 QUI275	60	72	4	0	6
QUI280	DIDACTIC OF CHEMISTRY TEACHING	QUI270	60	72	4	0	6
QUI281	SUPERVISED CHEMISTRY INTERNSHIP IV	QUI278	105	126	2	5	6
CBI256	BIOCHEMISTRY	QUI229 QUI233	60	72	4	0	7
FIS307	THEORETICAL PHYSICS III	FIS305	60	72	4	0	7
QUI282	CHEMISTRY TEACHING METHODOLOGY III	QUI279	60	72	4	0	7
QUI283	SUPERVISED CHEMISTRY INTERNSHIP V	QUI281	105	126	2	5	7
QUI346	INSTRUMENTAL ANALYTICAL CHEMISTRY	QUI248 QUI249	60	72	2	2	7
FIS308	THEORETICAL PHYSICS IV	FIS307	60	72	4	0	8
GEO200	INTRODUCTION TO MINERALOGY	QUI251 QUI253	60	72	2	2	8
QUI169	ENVIRONMENTAL CHEMISTRY A	QUI225 QUI226	60	72	4	0	8
QUI284	CHEMISTRY TEACHING METHODOLOGY IV	QUI282	60	72	4	0	8
QUI285	MONOGRAPHY I	2000 hours	60	72	2	2	8
MIF003			30	36	1	1	9
QUI286	MONOGRAPHY II	QUI285	60	72	2	2	9



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					T	P	
ALI239	BROMATOLOGY	QUI130	75	90	3	2	
BCC701	COMPUTER PROGRAMMING I		60	72	2	2	
BEV500	NATURAL SCIENCES: CONTENT AND METHODOLOGY		60	72	4	0	
CIV228	ENVIRONMENTAL SANITATION		60	72	2	2	
EDU400	EDUCATION AND DEVELOPMENT NEUROPSYCHOLOGY		60	72	4	0	
EDU402	CONCEPTS OF CONTINUED EDUCATION		60	72	4	0	
EDU409	NON-SCHOOL ENVIRONMENTS EDUCATIONAL PRACTICES		60	72	4	0	
EDU413	DIDACTIC BOOK AND EDUCATION PRACTICE		60	72	4	0	
EDU502	PHILOSOPHICAL STUDIES ABOUT EDUCATION		60	72	4	0	
EDU511	WORK SCHOOL PEDAGOGICAL BASES		60	72	4	0	
EDU512	SCHOOL EVALUATION		30	36	2	0	
EDU516	EDUCATION AND TECHNOLOGY		60	72	2	2	
EDU520	EDUCATION PRACTICE: PLAYROOM		30	36	1	1	
EDU530	YOUTH AND ADULTS EDUCATION		30	36	2	0	
EDU534	ETHNIC-RACIAL RELATIONSHIP AND EDUCATION		30	36	2	0	
FAR363	WATER QUALITY		60	72	2	2	
FIL136	PHILOSOPHY OF SCIENCES: XX CENTURY		60	72	4	0	
FIS118	CONCEPTUAL PHYSICS		60	72	2	2	
FIS119	PHYSICS IN THE MODERN WORLD		60	72	4	0	
FIS302	STRUCTURE OF MATTER I	FIS308 QUI251 QUI253	60	72	4	0	
FIS402			90	108	4	2	
FIS404	NON-FORMAL AND INFORMAL EDUCATION IN NATURAL SCIENCE		90	90	4	2	
FIS827	INTRODUCTION TO QUANTUM INFORMATION		60	72	4	0	
GEO110	GENERAL GEOLOGY		45	54	3	0	
QUI175	ORIGIN AND CHARACTERIZATION OF OIL AND DERIVATIVES	1200 hours	45	54	2	1	
QUI181	CHEMOMETRICS	QUI130 QUI346	30	36	2	0	
QUI500	TREND IN CHEMISTRY TEACHING	EDU253	60	72	4	0	
QUI501	INTRODUCTION TO CHEMISTRY OF CARBOHYDRATES	QUI229	30	36	2	0	
QUI502	TRENDS IN CHEMISTRY EDUCATION: RESEARCH AND TEACHING		30	36	1	1	
QUI503	CREATION OF TEACHING MATERIALS FOR CHEMISTRY EDUCATION IN ELEMENTARY EDUCATION		60	72	2	2	
QUI504	GREEN TECHNOLOGIES FOR CHEMICAL INDUSTRIES	QUI227 QUI229	45	54	3	0	
QUI506	INTRODUCTION TO PHYSICAL CHEMISTRY OF SURFACES	QUI227 QUI228	30	36	2	0	
QUI511	INTRODUCTION TO CHEMISTRY OF DRUGS	QUI229 QUI233	30	36	2	0	
QUI512	TECHNOLOGY IN FRAGRANCES AND FLAVORINGS	QUI229 QUI273	30	36	2	0	
QUI513	PRACTICE OF PROTECTING INTELLECTUAL PROPERTY-PATENTS		60	72	4	0	
QUI514	ARGUMENTATION IN CHEMISTRY TEACHING		60	72	4	0	
QUI515	CHEMICAL EDUCATION FOCUSING STS		60	72	4	0	
QUI516	ANALOGIES AND THE TEACHING OF CHEMISTRY		60	72	4	0	

CODE	ACTIVITIES	PREREQUISITE	CHARACTER	SWL	SEM
ATV100			MANDATORY	200	

Required Courses Load	Work Load
Mandatory Disciplines	2805
Elective Disciplines	210
Optative Disciplines	0
Facultative Disciplines	0
Activities	200
Total	3215