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

UFOP

COURSE OF LICENTIATE IN MATHEMATICS - 2026/2(curriculum 3)

OURO PRETO'S CAMPUS

CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
DTE023	INTRODUCTION TO DISTANCE EDUCATION (EAD)		30/0	36	1	1	1
DTE024	ELEMENTARY MATHEMATICS I		60/0	72	4	0	1
DTE025	PLANE GEOMETRY		60/0	72	2	2	1
DTE026	INTRODUCTION TO LOGIC		60/0	72	4	0	1
DTE027	ACADEMIC TEXTS READING AND WRITING PRACTICE		60/0	72	2	2	1
EMA001	STRUCTURE AND FUNCTIONING OF ELEMENTARY, MIDDLE, AND HIGH SCHOOL		60/0	72	4	0	1
DTE028	ELEMENTARY MATHEMATICS II		60/0	72	4	0	2
DTE030	GEOMETRIC CONSTRUCTIONS		60/0	72	2	2	2
DTE031	SPATIAL GEOMETRY		60/0	72	2	2	2
DTE166	INTRODUCTION TO INFORMATICS		60/15	72	2	2	2
EMA002	DIDACTICS OF MATHEMATICS		60/0	72	2	2	2
EMA020	INCLUSION AND DIVERSITY IN MATHEMATICS EDUCATION		30/30	36	0	2	2
DTE032	ELEMENTARY MATHEMATICS III		60/0	72	4	0	3
DTE033	ANALYTICAL GEOMETRY		60/0	72	4	0	3
DTE034	SUPERVISED INTERNSHIP IN MATHEMATICS I		60/0	72	1	3	3
DTE035	ELEMENTARY MATHEMATICS IV		60/0	72	4	0	3
DTE036	ENVIRONMENTAL EDUCATION		60/0	72	4	0	3
EMA016	RESEARCH METHODOLOGY IN MATHEMATICS EDUCATION		60/0	72	4	0	3
MIF001	INTERDISCIPLINARY TRAINING MODULE I		30/0	36	1	1	3
MIF216	INTRODUCTION TO COMPUTATIONAL THINKING AND TO PROGRAMMING IN EDUCATION		30/30	36	1	1	3
DTE037	DIFFERENTIAL AND INTEGRAL CALCULUS I		90/0	108	6	0	4
DTE038	SUPERVISED INTERNSHIP IN MATHEMATICS II		60/0	72	1	3	4
DTE039	VECTOR ALGEBRA		60/0	72	4	0	4
EMA005	INTRODUCTION TO THE HISTORY OF MATHEMATICS		60/0	72	2	2	4
EMA021	FINANCIAL EDUCATION		60/45	72	1	3	4
DTE040	SUPERVISED INTERNSHIP IN MATHEMATICS III		60/0	72	1	3	5
DTE041	INTRODUCTION TO LINEAR ALGEBRA		60/0	72	4	0	5
DTE042	HUMAN RIGHTS		30/0	36	1	1	5
DTE043	DIFFERENTIAL AND INTEGRAL CALCULUS II		90/0	108	6	0	5
DTE168	USING INFORMATIONAL AND COMMUNICATIONAL TECNOLOGIES IN MATHEMATICS EDUCATION		60/30	72	2	2	5
MIF002	INTERDISCIPLINARY TRAINING MODULE II		30/0	36	1	1	5
DTE044	SUPERVISED INTERNSHIP IN MATHEMATICS IV		60/0	72	1	3	6
DTE045	DIFFERENTIAL AND INTEGRAL CALCULUS III		90/0	108	6	0	6
DTE046	COMBINATORIAL ANALYSIS AND INTRODUCTION TO PROBABILITY		60/0	72	4	0	6
EMA003	INCLUSION AND DIVERSITY IN MATHEMATICS EDUCATION		30/0	36	2	0	6
DTE047	INTRODUCTION TO THEORY OF NUMBERS		60/0	72	4	0	7
DTE048	BRAZILIAN SIGN LANGUAGE: LIBRAS		60/0	72	2	2	7
DTE049	INTRODUCTION TO DIFFERENTIAL ORDINARY EQUATIONS		90/0	108	6	0	7
DTE050	SUPERVISED INTERNSHIP IN MATHEMATICS V		60/0	72	1	3	7
EMA007	PSYCHOLOGY OF MATHEMATICS EDUCATION		60/0	72	4	0	7
MIF003	INTERDISCIPLINARY TRAINING MODULE III		30/0	36	1	1	7
DTE051	SUPERVISED INTERNSHIP IN MATHEMATICS VI		60/0	72	1	3	8
DTE052	EDUCATION FOR ETHNIC-RACIAL RELATIONS		60/0	72	4	0	8
DTE053	INTRODUCTION TO ALGEBRA		60/0	72	4	0	8
DTE054	PROBABILITY AND STATISTICS		60/0	72	4	0	8
EMA008	FINAL RESEARCH PROJECT I		60/0	72	2	2	8
DTE055	SUPERVISED INTERNSHIP IN MATHEMATICS VII		60/0	72	1	3	9
DTE056	FUNDAMENTALS OF ANALYSIS		90/0	108	6	0	9

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

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					T	P	
DTE057	PUBLIC POLICIES AND SCHOOL MANAGEMENT		60/0	72	4	0	9
EMA009	MODELLING IN MATHEMATICS EDUCATION		60/0	72	2	2	9
EMA017	FINAL RESEARCH PROJECT II		60/0	72	2	2	9

CODE	ELECTIVE DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
DTE058	PROGRAMMING LANGUAGE IN MATHEMATICS EDUCATION		60/0	72	4	0	6
EMA010	INSTRUMENTAL ENGLISH FOR MATHEMATICS EDUCATION		60/0	72	4	0	6
EMA011	ETHNOMATHEMATICS		60/0	72	4	0	6
EMA012	INTRODUCTION TO HISTORY OF EDUCATION AND MATHEMATICS EDUCATION		60/0	72	4	0	6
EMA013	EVALUATION METHODS AND PRACTICES IN MATHEMATICAL EDUCATION		60/0	72	4	0	6
DTE059	TOPICS IN PHYSICS		60/0	72	4	0	8
DTE060	LINEAR ALGEBRA I		60/0	72	4	0	8
DTE061	DIFFERENTIAL ORDINARY EQUATIONS		60/0	72	4	0	8
DTE062	DISCRETE MATHEMATICS		60/0	72	4	0	8
DTE063	INTRODUCTION TO NUMERICAL CALCULUS		60/0	72	4	0	8

CODE	ACTIVITIES	PREREQUISITE	CHARACTER	SWL	SEM
ATV100			MANDATORY	80	
ATV300			MANDATORY	120	

Required Courses Load		Work Load
Mandatory Disciplines		2970
Elective Disciplines		120
Optative Disciplines		0
Facultative Disciplines		0
Activities		200
Extensions		330
	Total	3290

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