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

UFOP

COURSE OF STATISTICS - 2026/2(curriculum 2)

OURO PRETO'S CAMPUS

CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
BCC701	COMPUTER PROGRAMMING I		60/0	72	2	2	1
EST300	DESCRIPTIVE STATISTICS		60/0	72	4	0	1
EST306	STATISTICS: CAREER AND LABOR MARKET		30/0	36	2	0	1
MTM122	DIFFERENTIAL AND INTEGRAL CALCULUS I		90/0	108	6	0	1
MTM131	ANALYTICAL GEOMETRY AND VECTOR CALCULUS		60/0	72	4	0	1
BCC760	NUMERICAL CALCULUS	BCC701	60/0	72	2	2	2
CSO117	RESEARCH METHODOLOGY		30/0	36	2	0	2
EST301	STATISTICS I		60/0	72	4	0	2
EST303	PROBABILITY I	MTM122	60/0	72	4	0	2
MTM123	DIFFERENTIAL AND INTEGRAL CALCULUS II	MTM122	60/0	72	4	0	2
EST004	STATISTICAL PACKAGES I	EST301	60/0	72	2	2	3
EST009	DEMOGRAPHICS	EST300	60/0	72	4	0	3
EST302	STATISTICS II	EST301	60/0	72	4	0	3
EST304	PROBABILITY II	EST303	60/0	72	4	0	3
MTM112	INTRODUCTION TO LINEAR ALGEBRA	MTM131	60/0	72	4	0	3
EST007	NONPARAMETRIC METHODS	EST302	60/0	72	4	0	4
EST008	SAMPLING TECHNIQUES I	EST303	60/0	72	4	0	4
EST015	DESIGN OF EXPERIMENTS I	EST302	60/0	72	4	0	4
EST128	STATISTICAL PACKAGES II	EST302	60/0	72	2	2	4
EST305	PROBABILITY III	EST304	60/0	72	4	0	4
EST013	STATISTICAL INFERENCE I	EST305	60/0	72	4	0	5
EST014	MULTIVARIATE STATISTICS I	EST302 MTM112	60/0	72	4	0	5
EST018	STATISTICAL QUALITY CONTROL	EST302	60/0	72	4	0	5
EST127	REGRESSION ANALYSIS	EST302 MTM112	60/0	72	4	0	5
EST011	STOCHASTIC PROCESSES	EST305 MTM112	60/0	72	4	0	6
EST017	STATISTICAL INFERENCE II	EST013	60/0	72	4	0	6
EST112	BAYESIAN INFERENCE	EST013	60/0	72	4	0	6
EST113	GENERALIZED LINEAR MODELS	EST127	60/0	72	4	0	6
EST016	TIME SERIES ANALYSIS I	EST127	60/0	72	4	0	7
EST019	CATEGORICAL DATA ANALYSIS	EST127	60/0	72	4	0	7
EST020	SUPERVISED LABORATORY	EST014 EST127	120/0	144	4	4	7
EST023	SURVIVAL ANALYSIS	EST013	60/0	72	4	0	7
EST308	UNDERGRADUATE THESIS I	EST017	60/0	72	4	0	7
EST024	OPINION AND MARKET SURVEY	EST014 EST019 EST127	60/0	72	4	0	8
EST307	DATA HANDLING AND VISUALIZATION WITH R	EST128	30/0	36	0	2	8
EST309	UNDERGRADUATE THESIS II	EST308	180/0	216	12	0	8

CODE	ELECTIVE DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
BCC342	INTRODUCTION TO OPTIMIZATION	BCC701 BCC760	60/0	72	4	0	
BCC443	GEOPROCESSING AND GEOGRAPHIC INFORMATION SYSTEMS		60/0	72	4	0	
BCC445	MODELING AND SIMULATION OF LAND SYSTEMS		60/0	72	4	0	
BCC702	COMPUTER PROGRAMMING II	BCC701	60/0	72	2	2	
BEV175	GENERAL ECOLOGY		60/0	72	2	2	
BEV176	POPULATION ECOLOGY		90/0	108	4	2	
EST022	MULTIVARIATE STATISTICS II	EST014 EST017 EST127	60/0	72	4	0	
EST101	SAMPLING TECHNIQUES II	EST008	60/0	72	4	0	
EST104	STATISTICS APPLIED TO HEALTH	EST302	60/0	72	4	0	
EST107	STATISTICS APPLIED TO INDUSTRY	EST302 MTM122	60/0	72	4	0	

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

CODE	ELECTIVE DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
EST108	SPATIAL APPLIED STATISTICS	EST128	60/0	72	4	0	
EST110	COMPUTATIONAL STATISTICS	EST128	60/0	72	2	2	
EST111	LONGITUDINAL DATA ANALYSIS	EST015	60/0	72	4	0	
EST114	FINANCIAL AND ACTUARIAL MATHEMATICS	EST302	60/0	72	4	0	
EST125	INTRODUCTION TO DATA MINING	EST014	60/0	72	4	0	
EST126	ITEM RESPONSE THEORY	EST013	60/0	72	4	0	
EST129	STATISTICS APPLIED TO ECONOMICS	EST302	60/0	72	4	0	
EST130	STATISTICAL RULES OF THUMB	EST017 EST127	60/0	72	2	2	
LET112	PORTUGUESE		30/0	36	2	0	
LET303	ENGLISH: READING I		60/0	72	4	0	
LET966	INTRODUCTION TO THE BRAZILIAN SIGN LANGUAGE		60/0	72	2	2	
MIN214	INTRODUCTION TO EXPERIMENTS STATISTICAL ANALYSIS	EST302	45/0	54	2	1	
MIN262	INTRODUCTION TO GEOSTATISTICS	EST302	60/0	72	2	2	
MTM110	THEORY OF NUMBERS		60/0	72	4	0	
MTM120	ANALYSIS I	MTM122	90/0	108	6	0	
MTM124	DIFFERENTIAL AND INTEGRAL CALCULUS III	MTM123	60/0	72	4	0	
MTM125	INTRODUCTION TO ORDINARY DIFFERENTIAL EQUATIONS	MTM122	60/0	72	4	0	
MTM129	ELEMENTS OF PARTIAL DIFFERENTIAL EQUATIONS	MTM125	60/0	72	4	0	
MTM149	ANALYSIS II	MTM120	90/0	108	6	0	
MTM238	MEASURE AND INTEGRATION	MTM149	60/0	72	4	0	
PRO215	PLANNING AND PRODUCTION CONTROL I		60/0	72	4	0	
PRO216	PLANNING AND PRODUCTION CONTROL II		60/0	72	4	0	
PRO226	MACROECONOMICS		60/0	72	4	0	
PRO227	MICROECONOMICS		60/0	72	4	0	
PRO315	LOGISTICS		60/0	72	4	0	
PRO320	INVESTMENT ANALYSIS		60/0	72	4	0	
SSO324	CITIZENSHIP AND SOCIAL RIGHTS		60/0	72	4	0	
SSO612	RACE/ETHNICITY, GENDER, AND SEXUALITY		60/0	72	4	0	

CODE	ACTIVITIES	PREREQUISITE	CHARACTER	SWL	SEM
ATV100			MANDATORY	420	

Required Courses Load		Work Load
Mandatory Disciplines		2280
Elective Disciplines		300
Optative Disciplines		0
Facultative Disciplines		0
Activities		420
Extensions		0
	Total	3000

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