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

UFOP

COURSE OF URBAN ENGINEERING - 2026/2(curriculum 1)

OURO PRETO'S CAMPUS

CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
ARQ700	GRAPHIC EXPRESSION I		60/0	72	2	2	1
BCC701	COMPUTER PROGRAMMING I		60/0	72	2	2	1
MTM700	DIFFERENTIAL AND INTEGRAL CALCULUS A		60/0	72	4	0	1
MTM730	ANALYTICAL GEOMETRY AND LINEAR ALGEBRA		60/0	72	4	0	1
URB100	INTRODUCTION TO URBAN ENGINEERING SEMINARS		30/0	36	2	0	1
URB121	URBAN SYSTEMS		60/0	72	4	0	1
ARQ225	THEORY OF CITIES		60/0	72	4	0	2
FIS106	FUNDAMENTALS OF MECHANICS		60/0	72	4	0	2
MTM702	DIFFERENTIAL AND INTEGRAL CALCULUS B		60/0	72	4	0	2
PRO731	SOCIOLOGY AND URBAN ADMINISTRATION		60/0	72	4	0	2
QUI701	FUNDAMENTAL CHEMISTRY		60/0	72	2	2	2
FIS105	FUNDAMENTALS OF EXPERIMENTAL PHYSICS		30/0	36	0	2	3
FIS107	FUNDAMENTALS OF THERMODYNAMICS		30/0	36	2	0	3
MTM703	DIFFERENTIAL AND INTEGRAL CALCULUS C		60/0	72	4	0	3
PRO634	REGIONAL AND URBAN ECONOMICS		60/0	72	4	0	3
URB117	URBAN ECOLOGY		60/0	72	3	1	3
URB119	STOCHASTIC METHODS IN URBAN ENGINEERING I		60/0	72	3	1	3
ARQ240	TOPOGRAPHY	ARQ700 BCC701 MTM700 MTM730 URB100 URB121	60/0	72	2	2	4
CAT185	ELECTRODYNAMICS	ARQ700 BCC701 MTM700 MTM730 URB100 URB121	60/0	72	3	1	4
URB101	INSTRUMENTS OF URBAN POLICIES	ARQ700 BCC701 MTM700 MTM730 URB100 URB121	30/0	36	2	0	4
URB120	STOCHASTIC METHODS IN URBAN ENGINEERING II	ARQ700 BCC701 MTM700 MTM730 URB100 URB119 URB121	60/0	72	3	1	4
URB124	APPLIED FLUID MECHANICS	ARQ700 BCC701 FIS105 FIS107 MTM700 MTM730 URB100 URB121	60/0	72	2	2	4
URB125	APPLIED SCIENTIFIC METHODOLOGY	ARQ700 BCC701 MTM700 MTM730 URB100 URB121	30/0	36	2	0	4
CIV610	STRENGTH OF MATERIALS	ARQ225 ARQ700 BCC701 FIS106 MTM700 MTM702 MTM730 PRO731 QUI701 URB100 URB121	60/0	72	2	2	5
URB126	COMPUTATIONAL METHODS FOR ENGINEERING	ARQ225 ARQ700 BCC701 FIS106 MTM700 MTM702 MTM703 MTM730 PRO731 QUI701 URB100 URB121	60/0	72	2	2	5
URB202	GEOTECHNICS I - SOIL MECHANICS	ARQ225 ARQ700 BCC701 FIS106 MTM700 MTM702 MTM730 PRO731 QUI701 URB100 URB121	60/0	72	3	1	5
URB226	URBAN GEOLOGY	ARQ225 ARQ700 BCC701 FIS106 MTM700 MTM702 MTM730 PRO731 QUI701 URB100 URB121	60/0	72	3	1	5
URB227	APPLIED HYDRAULICS	ARQ225 ARQ700 BCC701 FIS106 MTM700 MTM702 MTM730 PRO731 QUI701 URB100 URB121 URB124	75/0	90	4	1	5

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CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
CIV600	BUILDING MATERIALS	ARQ225 ARQ700 BCC701 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB117 URB119 URB121	60/0	72	2	2	6
URB103	GIS FOR URBAN PLANNING	ARQ225 ARQ700 BCC701 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB117 URB119 URB121	60/0	72	3	1	6
URB104	INTRODUCTION TO URBAN DESIGN	ARQ225 ARQ700 BCC701 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB117 URB119 URB121	60/0	72	1	3	6
URB105	GEOTECHNICAL ENGINEERING II - SOIL MECHANICS	ARQ225 ARQ700 BCC701 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB117 URB119 URB121 URB202	60/0	72	3	1	6
URB106	URBAN HYDROLOGY	ARQ225 ARQ700 BCC701 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB117 URB119 URB120 URB121	60/0	72	3	1	6
URB127	TRANSPORTATION SYSTEMS ANALYSIS	ARQ225 ARQ700 BCC701 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB117 URB119 URB121	60/0	72	3	1	6
URB107	PLANNING, BIDDING AND CONTROL OF PUBLIC WORKS	ARQ225 ARQ700 BCC701 CAT185 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB117 URB119 URB120 URB121 URB124	60/0	72	2	2	7
URB108	GEOTECHNICS III - ROCK MECHANICS	ARQ225 ARQ700 BCC701 CAT185 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB117 URB119 URB120 URB121 URB124	60/0	72	3	1	7
URB109	URBAN TRANSPORTATION PLANNING	ARQ225 ARQ700 BCC701 CAT185 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB117 URB119 URB120 URB121 URB124 URB127	60/0	72	4	0	7

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CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
URB114	WATER SUPPLY SYSTEMS	ARQ225 ARQ700 BCC701 CAT185 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB117 URB119 URB120 URB121 URB124 URB227	60/0	72	3	1	7
URB115	URBAN DRAINAGE	ARQ225 ARQ700 BCC701 CAT185 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB106 URB117 URB119 URB120 URB121 URB124 URB227	60/0	72	3	1	7
URB116	INTEGRATED PROJECT OF URBAN ENGINEERING I	ARQ225 ARQ700 BCC701 CAT185 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB104 URB105 URB106 URB117 URB119 URB120 URB121 URB124 URB127 URB226	30/0	36	2	0	7
ARQ106	ADVANCED URBAN DESIGN	ARQ225 ARQ700 BCC701 CAT185 CIV610 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB104 URB117 URB119 URB120 URB121 URB124 URB126 URB202 URB226 URB227	60/0	72	1	3	8
URB128	INTEGRATED PROJECT OF URBAN ENGINEERING II	ARQ225 ARQ700 BCC701 CAT185 CIV610 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB116 URB117 URB119 URB120 URB121 URB124 URB126 URB202 URB226 URB227	30/0	36	2	0	8
URB129	URBAN ROADS AND STREET DESIGN	ARQ225 ARQ700 BCC701 CAT185 CIV610 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB109 URB117 URB119 URB120 URB121 URB124 URB126 URB202 URB226 URB227	60/0	72	4	0	8

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CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
URB130	SANITARY SEWAGE SYSTEMS	ARQ225 ARQ700 BCC701 CAT185 CIV610 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB114 URB117 URB119 URB120 URB121 URB124 URB126 URB202 URB226 URB227	60/0	72	3	1	8
URB134	URBAN SOLID WASTE MANAGEMENT	ARQ225 ARQ700 BCC701 CAT185 CIV610 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB117 URB119 URB120 URB121 URB124 URB126 URB202 URB226 URB227	60/0	72	3	1	8
URB135	QUALITY MANAGEMENT OF PUBLIC WORKS	ARQ225 ARQ700 BCC701 CAT185 CIV610 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB104 URB107 URB117 URB119 URB120 URB121 URB124 URB126 URB202 URB226 URB227	60/0	72	2	2	8
ARQ107	URBAN AND REGIONAL PLANNING	ARQ106 ARQ225 ARQ240 ARQ700 BCC701 CAT185 CIV600 CIV610 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB103 URB104 URB105 URB106 URB117 URB119 URB120 URB121 URB124 URB126 URB127 URB202 URB226 URB227	60/0	72	3	1	9
URB136	UNDERGRADUATE CONCLUSION PROJECT I	ARQ225 ARQ240 ARQ700 BCC701 CAT185 CIV600 CIV610 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB103 URB104 URB105 URB106 URB117 URB119 URB120 URB121 URB124 URB126 URB127 URB202 URB226 URB227	45/0	54	2	1	9

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CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
URB137	PAVEMENTS MANAGEMENT	ARQ225 ARQ240 ARQ700 BCC701 CAT185 CIV600 CIV610 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB103 URB104 URB105 URB106 URB117 URB119 URB120 URB121 URB124 URB126 URB127 URB129 URB202 URB226 URB227	60/0	72	2	2	9
URB138	GEOTECHNICS IN URBAN AREAS	ARQ225 ARQ240 ARQ700 BCC701 CAT185 CIV600 CIV610 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB103 URB104 URB105 URB106 URB108 URB117 URB119 URB120 URB121 URB124 URB126 URB127 URB202 URB226 URB227	90/0	108	3	3	9
URB139	URBAN RISK ANALYSIS AND MANAGEMENT	ARQ225 ARQ240 ARQ700 BCC701 CAT185 CIV600 CIV610 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB103 URB104 URB105 URB106 URB117 URB119 URB120 URB121 URB124 URB126 URB127 URB202 URB226 URB227	60/0	72	3	1	9
URB141	APPLIED HYDROGEOLOGY	ARQ225 ARQ240 ARQ700 BCC701 CAT185 CIV600 CIV610 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB103 URB104 URB105 URB106 URB117 URB119 URB120 URB121 URB124 URB126 URB127 URB202 URB226 URB227	60/0	72	2	2	9
URB142	SUPERVISED INTERNSHIP IN URBAN ENGINEERING	ARQ225 ARQ240 ARQ700 BCC701 CAT185 CIV600 CIV610 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB101 URB103 URB104 URB105 URB106 URB107 URB108 URB109 URB114 URB115 URB116 URB117 URB119 URB120 URB121 URB124 URB126 URB127 URB202 URB226 URB227	30/0	36	2	0	10

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CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
URB143	UNDERGRADUATE CONCLUSION PROJECT II	URB136	30/0	36	1	1	10

CODE	ELECTIVE DISCIPLINES	PREREQUISITE	SWL/EWL	CWL	CLASSES		SEM
					T	P	
AMB112	APPLIED CARTOGRAPHY	ARQ700	60/0	72	2	2	
AMB301	AIR QUALITY MANAGEMENT	URB117	60/0	72	4	0	
CIV109	HYDRAULIC INSTALLATIONS	URB227	30/0	36	2	0	
GEO114	CLIMATOLOGY	FIS107 URB117 URB119 URB120	60/0	72	2	2	
GEP020	ENTREPRENEURSHIP AND COOPERATION NETWORKS IN PUBLIC AFFAIRS	ARQ225 ARQ700 BCC701 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB117 URB119 URB121	60/0	72	4	0	
GEP023	TECHNOLOGY AND INNOVATION IN PUBLIC ADMINISTRATION	ARQ225 ARQ700 BCC701 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB117 URB119 URB121	60/0	72	4	0	
GEP377	PROJECT CREATION AND MANAGEMENT	ARQ225 ARQ700 BCC701 FIS105 FIS106 FIS107 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB117 URB119 URB121	60/0	72	4	0	
LET966	INTRODUCTION TO THE BRAZILIAN SIGN LANGUAGE		60/0	72	2	2	
URB118	URBAN MOBILITY AND SUSTAINABLE DEVELOPMENT	ARQ225 URB101 URB121	60/0	72	4	0	
URB144	USE OF SANITATION SYSTEMS BY-PRODUCTS	URB114 URB130	60/0	72	2	2	
URB145	TRANSPORT SYSTEMS MANAGEMENT AND OPERATION	URB129	60/0	72	3	1	
URB146	APPLIED ROCK MECHANICS	URB108	60/0	72	3	1	
URB147	URBAN FLOODS PREVENTION AND CONTROL ENGINEERING	URB115	60/0	72	3	1	
URB301	URBAN MOBILITY AND SUSTAINABLE DEVELOPMENT	URB117	60/0	72	4	0	
URB400	SPECIAL TOPICS IN SUSTAINABLE SANITATION PROJECTS	URB227	60/0	72	3	1	
URB402	RESTRAINTS GEOTECHNICS	URB105 URB202	60/0	72	4	0	
URB408	GEOTECHNICAL INVESTIGATIONS	URB105 URB202	60/0	72	3	1	

CODE	ACTIVITIES	PREREQUISITE	CHARACTER	SWL	SEM
ATV102		0	MANDATORY	90	7
ATV103		0	MANDATORY	90	8
ATV104		0	MANDATORY	75	9
ATV101	ACADEMIC-SCIENTIFIC-CULTURAL ACTIVITY		MANDATORY	180	
ATV105		0	MANDATORY	160	
ATV106		0	MANDATORY	90	

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Required Courses Load		Work Load
Mandatory Disciplines		3000
Elective Disciplines		180
Optative Disciplines		0
Facultative Disciplines		0
Activities		685
Extensions		0
	Total	3865