



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



COURSE OF URBAN ENGINEERING - 2020/1(curriculum 1)
OURO PRETO'S CAMPUS

CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL	CWL	CLASSES		SEM
					T	P	
ARQ700	GRAPHIC EXPRESSION I		60	72	4	0	1
BCC701	COMPUTER PROGRAMMING I		60	72	2	2	1
MTM700	DIFFERENTIAL AND INTEGRAL CALCULUS A		60	72	4	0	1
MTM730	ANALYTIC GEOMETRY AND LINEAR ALGEBRA		60	72	4	0	1
URB100	INTRODUCTION TO URBAN ENGINEERING SEMINARS		30	36	2	0	1
URB121	URBAN SYSTEMS		60	72	4	0	1
ARQ225			60	72	4	0	2
FIS130	PHYSICS I		60	72	3	1	2
MTM702	DIFFERENTIAL AND INTEGRAL CALCULUS B		60	72	4	0	2
PRO731			60	72	4	0	2
QUI701	FUNDAMENTAL CHEMISTRY		60	72	2	2	2
MEC134	APPLIED THERMODYNAMICS		60	72	2	2	3
MTM703	DIFFERENTIAL AND INTEGRAL CALCULUS C		60	72	4	0	3
PRO634	REGIONAL AND URBAN ECONOMICS		60	72	4	0	3
URB122			60	72	3	1	3
URB131	STOCHASTIC METHODS IN ENGINEERING I		60	72	3	1	3
CAT185	ELECTRODYNAMICS	ARQ700 BCC701 MTM700 MTM730 URB100 URB121	60	72	3	1	4
FIS134	PHYSICS IV	ARQ700 BCC701 MTM700 MTM730 URB100 URB121	60	72	3	1	4
URB113	INSTITUTIONS AND URBAN POLICIES	ARQ700 BCC701 MTM700 MTM730 URB100 URB121	60	72	3	1	4
URB132	STOCHASTIC METHODS IN ENGINEERING II	ARQ700 BCC701 MTM700 MTM730 URB100 URB121	60	72	3	1	4
URB140	APPLIED FLUID MECHANICS	ARQ700 BCC701 MTM700 MTM730 URB100 URB121	60	72	2	2	4
CIV610	STRENGTH OF MATERIALS	ARQ225 ARQ700 BCC701 FIS130 MTM700 MTM702 MTM730 PRO731 QUI701 URB100 URB121	60	72	2	2	5
URB133		ARQ225 ARQ700 BCC701 FIS130 MTM700 MTM702 MTM730 PRO731 QUI701 URB100 URB121	60	72	2	2	5
URB202	GEOTECHNICAL ENGINEERING I - SOIL MECHANICS	ARQ225 ARQ700 BCC701 FIS130 MTM700 MTM702 MTM730 PRO731 QUI701 URB100 URB121	60	72	3	1	5
URB226	URBAN GEOLOGY	ARQ225 ARQ700 BCC701 FIS130 MTM700 MTM702 MTM730 PRO731 QUI701 URB100 URB121	60	72	3	1	5
URB227	APPLIED HYDRAULIC	ARQ225 ARQ700 BCC701 FIS130 MTM700 MTM702 MTM730 PRO731 QUI701 URB100 URB121	75	90	4	1	5
ARQ240		ARQ225 ARQ700 BCC701 FIS130 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB121 URB122 URB131	60	72	2	2	6



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					T	P	
CIV600	BUILDING MATERIALS	ARQ225 ARQ700 BCC701 FIS130 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB121 URB122 URB131	60	72	2	2	6
URB203	GEOTECHNICAL ENGINEERING II - SOIL MECHANICS	ARQ225 ARQ700 BCC701 FIS130 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB121 URB122 URB131	60	72	4	0	6
URB204		ARQ225 ARQ700 BCC701 FIS130 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB121 URB122 URB131	60	72	3	1	6
URB231		ARQ225 ARQ700 BCC701 FIS130 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB121 URB122 URB131	60	72	4	0	6
URB110		ARQ225 ARQ700 BCC701 CAT185 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB140	180	180	0	12	7
URB205		ARQ225 ARQ700 BCC701 CAT185 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB140	60	72	4	0	7
URB208		ARQ225 ARQ700 BCC701 CAT185 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB140	60	72	3	1	7
URB222		ARQ225 ARQ700 BCC701 CAT185 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB140	60	72	3	1	7
URB232		ARQ225 ARQ700 BCC701 CAT185 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB140	60	72	4	0	7



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					T	P	
URB241		ARQ225 ARQ700 BCC701 CAT185 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB140	60	72	4	0	7
URB111		ARQ225 ARQ700 BCC701 CAT185 CIV610 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB133 URB140 URB202 URB226 URB227	120	120	0	8	8
URB211		ARQ225 ARQ700 BCC701 CAT185 CIV610 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB133 URB140 URB202 URB226 URB227	60	72	3	1	8
URB223		ARQ225 ARQ700 BCC701 CAT185 CIV610 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB133 URB140 URB202 URB226 URB227	60	72	3	1	8
URB228	WATER SUPPLY SYSTEMS	ARQ225 ARQ700 BCC701 CAT185 CIV610 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB133 URB140 URB202 URB226 URB227	60	72	3	1	8
URB230		ARQ225 ARQ700 BCC701 CAT185 CIV610 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB133 URB140 URB202 URB226 URB227	60	72	4	0	8
URB242		ARQ225 ARQ700 BCC701 CAT185 CIV610 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB133 URB140 URB202 URB226 URB227	60	72	4	0	8



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					T	P	
ARQ251		ARQ225 ARQ240 ARQ700 BCC701 CAT185 CIV600 CIV610 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB133 URB140 URB202 URB203 URB204 URB226 URB227 URB231	60	72	2	2	9
URB112		ARQ225 ARQ240 ARQ700 BCC701 CAT185 CIV600 CIV610 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB133 URB140 URB202 URB203 URB204 URB226 URB227 URB231	120	120	0	8	9
URB212		ARQ225 ARQ240 ARQ700 BCC701 CAT185 CIV600 CIV610 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB133 URB140 URB202 URB203 URB204 URB226 URB227 URB231	60	72	3	1	9
URB229	SANITARY SEWAGE SYSTEMS	ARQ225 ARQ240 ARQ700 BCC701 CAT185 CIV600 CIV610 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB113 URB121 URB122 URB131 URB132 URB133 URB140 URB202 URB203 URB204 URB226 URB227 URB231	60	72	3	1	9
ARQ252		ARQ225 ARQ240 ARQ700 BCC701 CAT185 CIV600 CIV610 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB110 URB113 URB121 URB122 URB131 URB132 URB133 URB140 URB202 URB203 URB204 URB205 URB208 URB222 URB226 URB227 URB231 URB232 URB241	60	72	2	2	10



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					T	P	
URB215		ARQ225 ARQ240 ARQ700 BCC701 CAT185 CIV600 CIV610 FIS130 FIS134 MEC134 MTM700 MTM702 MTM703 MTM730 PRO634 PRO731 QUI701 URB100 URB110 URB113 URB121 URB122 URB131 URB132 URB133 URB140 URB202 URB203 URB204 URB205 URB208 URB222 URB226 URB227 URB231 URB232 URB241	60	72	4	0	10

CODE	ELECTIVE DISCIPLINES	PREREQUISITE	SWL	CWL	CLASSES		SEM
					T	P	
AMB112	APPLIED CARTOGRAPHY	ARQ700	60	72	2	2	
URB301			60	72	4	0	
URB302			60	72	4	0	
URB305			60	72	4	0	
URB306			60	72	4	0	
URB308		URB122	60	72	4	0	
URB311			60	72	4	0	
URB312			60	72	4	0	
URB315			60	72	2	2	
URB320			60	72	2	2	
URB400	SPECIAL TOPICS ON SUSTAINABLE SANITATION PROJECTS	URB227	60	72	3	1	
URB401		URB202 URB203	60	72	4	0	
URB402	EARTH RETAINING STRUCTURES	URB202 URB203 URB211 URB212	60	72	4	0	
URB403		URB202 URB203 URB211 URB212	60	72	4	0	
URB404		URB202 URB203 URB205	60	72	4	0	
URB405		URB205	60	72	4	0	
URB408	GEOTECHNICAL INVESTIGATIONS	URB202 URB203	60	72	3	1	
URB410		URB202 URB203 URB205	60	72	3	1	
URB412		URB202 URB203	60	72	3	1	
URB415		URB202 URB203	60	72	3	1	
URB421		URB222 URB223	60	72	3	1	
URB422		URB222 URB223 URB421	60	72	4	0	
URB431			60	72	4	0	
URB432			60	72	4	0	
URB460	STREET LIGHTING		30	36	2	0	

CODE	ACTIVITIES	PREREQUISITE	CHARACTER	SWL	SEM
ATV101	ACADEMIC-SCIENTIFIC-CULTURAL ACTIVITY		MANDATORY	180	

Required Courses Load	Work Load
Mandatory Disciplines	3165
Elective Disciplines	300
Optative Disciplines	0
Facultative Disciplines	0
Activities	180
Total	3645



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