Escola Superior de Tecnologia e Gestão de Viseu

Engenharia de Construção e Reabilitação

Politécnico
de Viseu

Engenharia
de Construção
e Reabilitação

Code	M207
Department	Civil Engineering Department
Degree	Mestre
Registry	Initial registry: R/A-Ef 3345/2011 from 18-03-2011 Changes registry: R/A-Ef 3345/2011/AL01 de 25-05-2016
Duration	2 year(s)
Regime	A acordar entre a Direção do Curso e os alunos
Course director	Gilberto Antunes Ferreira Rouxinol
Course Secretariat	Secretariado do Departamento de Engenharia Civil Tel.: +351 232 480 500 E-mail: rouxinol@estgv.ipv.pt Página web: http://dep.estgv.ipv.pt/departamentos/dcivil/

Curricular structure

1st Year - 1st Semester

	Contact hours				
Course unit	T	TP	PL	O	ECTS
6001-31821216 - Construction and Rehabilitation of Road Pavements	19,5	26	13	-	5
6001-31821214 - Durability and Rehabilitation of Reinforced Concrete Structures	19,5	39	-	-	5
6001-3182837 - Buildings	19,5	39	-	-	5
6001-3182397 - Mathematics Applied to Engineering	19,5	39	-	-	5
6001-31821215 - Soil Improvement and Foundations Strengthening	19,5	39	-	-	5
6001-31821217 - Urban Plan	19,5	39	-	-	5

T - Theoretical; **TP** - Theoretical and Practical; **PL** - Practical and laboratorial; **O** - Other types

1st Year - 2nd Semester

	Contact hours				
Course unit	T	TP	PL	O	ECTS
6001-3182119 - Steel Structures	19,5	39	-	-	5
6001-31821218 - Durability and Rehabilitation of Masonry and Wooden Structures	19,5	39	-	-	5
6001-31821219 - Traffic Engineering	19,5	39	-	-	5
6001-31821019 - Advanced Structural Analysis	19,5	39	-	-	5
6001-31821016 - Building Pathology and Rehabiliation	19,5	39	-	-	5
6001-31821515 - BIM Project	19,5	39	-	-	5

T - Theoretical; **TP** - Theoretical and Practical; **PL** - Practical and laboratorial; **O** - Other types

2nd Year - 1st Semester

	Contact hours				
Course unit	T	TP	PL	O	ECTS
6001-31821220 - Thermal Comfort and Energy Efficiency in Buildings	19,5	39	-	-	4.5
6001-31821221 - Management and Quality Assessment, Heritage and Environment	19,5	39	-	-	4.5
6001-3182862 - Hydrology and Water Resources	19,5	39	-	-	4.5
Option					4.5
6001-31821223 - Advanced Steel Structures	19,5	39	-	-	4.5
6001-31821222 - Earthquake Engineering and Structural Dynamics	19,5	39	-	-	4.5
6001-31821224 - Prestressed Concrete Structures	19,5	39	-	-	4.5

T - Theoretical; **TP** - Theoretical and Practical; **PL** - Practical and laboratorial; **O** - Other types

2nd Year - Anual

	Contact hours				
Course unit	T	TP	PL	O	ECTS
6001-31821002 - Dissertation/Project Work/Professional Work Placement	-	-	-	292,5	42

T - Theoretical; **TP** - Theoretical and Practical; **PL** - Practical and laboratorial; **O** - Other types

Scientific areas

Areas	ECTS
Civil Engineering	110.5
Mathematics	5
(*) Areas of optional course units	4.5
Total	**120** (*)

(*) Some course units are assigned to more than one scientific area. The total ECTS of the course is .

(*) Areas of optional course units	ECTS
Civil Engineering	13.5