



Contabilidade
Engenharia Civil
Engenharia do Ambiente
Engenharia Eletrotécnica
Engenharia Informática
Engenharia Mecânica
Gestão Industrial
Gestão de Empresas
Gestão de Empresas (Pós-laboral)
Marketing
Tecnologias e Design de Multimédia
Turismo
Tecnologia e Design de Mobiliário

 Página Principal | Estudar | Oferta Formativa | Licenciaturas | **Engenharia do Ambiente**
Environmental Engineering


Code	9099
Department	Environmental Department
Degree	Licenciado (bachelor)
Registry	Initial registry: R/A-Ef 726/2011 from 18-03-2011 Changes registry: R/A-Ef 726/2011/AL01 de 23-06-2015 R/A-Ef 726/2011/AL02 de 03-03-2017
Duration	3 year(s)
Regime	Daytime
National entrance exams	One of the following groups: 02 Biology and Geology 16 Mathematics or 07 Physics and Chemistry 16 Mathematics
Course director	Pedro Agostinho da Silva Baila Madeira Antunes
Course Secretariat	Nuno Miguel Rodrigues Telephone: +351 232 480 500 miguel@estgv.ipv.pt

Oferta Formativa

 Licenciaturas
 Mestrados
 CTeSP
 Pós-Graduações
 Erasmus Students
 Disciplinas Isoladas
 Outras Formações

Candidaturas

 Matrículas
 Concurso Nacional De Acesso

 Matrículas
 Concurso Especial Vias Profissionalizantes

Inscrições Letivas

Departamentos/Área

Serviços Académicos

Serviços Informática

Biblioteca

 Redes Sociais
 Facebook / Instagram


▾ Curricular structure

1st Year - 1st Semester		Contact hours				ECTS
Course unit	T	TP	PL	O		
9099-31823 - Linear Algebra and Analytical Geometry	26	26	-	-	5	
9099-31821 - Mathematical Analysis I	26	26	-	-	5	
9099-3182852 - Dynamic of Terrestrial Systems	26	26	-	-	5	
9099-31821517 - Ecology and Nature Conservation	26	26	-	-	5	
9099-3182853 - Introduction to Environmental Engineering	26	26	-	30	5	
9099-318256 - General Chemistry	26	-	26	-	5	

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

1st Year - 2nd Semester		Contact hours				ECTS
Course unit	T	TP	PL	O		
9099-31826 - Mathematical Analysis II	26	26	-	-	5	
9099-31821518 - Applications to Environmental Engineering	13	13	26	-	5	
9099-318211 - General Physics	-	52	-	-	5	
9099-3182857 - Microbiology	13	13	26	-	5	
9099-3182315 - Organic Chemistry	26	-	26	-	5	
9099-3182314 - Statistical Data Treatment	-	26	26	-	5	

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

2nd Year - 1st Semester		Contact hours				ECTS
Course unit	T	TP	PL	O		
9099-3182515 - Transfer Phenomena	26	26	-	-	5	
9099-3182543 - Fluid Mechanics	26	26	-	-	5	
9099-3182863 - Methods in Chemical Analysis	-	13	39	-	5	
9099-3182101 - Numerical Methods	13	13	26	-	5	
9099-3182859 - Unitary Operations and Reactors	26	26	-	-	5	
9099-3182334 - Thermodynamics	26	26	-	-	5	

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

2nd Year - 2nd Semester		Contact hours				ECTS
Course unit	T	TP	PL	O		
9099-3182858 - Cartography and Geographic Information Systems	26	-	39	-	6	
9099-3182860 - Combustion and Gas Emission Control	26	39	-	-	6	
9099-3182862 - Hydrology and Water Resources	26	39	-	-	6	
9099-3182869 - Application Laboratories	13	13	39	-	6	
9099-3182861 - Water Pollution & Water Quality	26	39	-	-	6	

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

3rd Year - 1st Semester		Contact hours			ECTS
Course unit	T	TP	PL	O	
9099-3182325 - Acoustics and Noise Pollution	26	39	-	-	6
9099-3182865 - Waste Management and Treatment	39	26	-	-	6
9099-31821519 - Environmental Engineering Labs	13	13	39	-	6
9099-31821520 - Soil Pollution and Land Rehabilitation	26	-	39	-	6
9099-3182864 - Water Treatment	26	39	-	-	6
T - Theoretical; TP - Theoretical and Practical; PL - Practical and laboratorial; O - Other types					
3rd Year - 2nd Semester		Contact hours			ECTS
Course unit	T	TP	PL	O	
9099-31821521 - Sustainable Energy	39	26	-	-	6
9099-3182868 - Decision Support Tools	26	39	-	-	6
Option I					
9099-3182185 - Work Placement	-	-	-	13	12
9099-3182179 - Project Work	-	-	-	13	12
9099-3182867 - Air Pollution & Air Quality	26	39	-	-	6
T - Theoretical; TP - Theoretical and Practical; PL - Practical and laboratorial; O - Other types					

► **Scientific areas**



