

ESTG STUDY OFFER 2022/23

BACHELORS

The courses available in English are depending on the number of attending students

Winter Semester	ECTS	Code	English/Tutorial	Summer Semester	ECTS	Code	English/Tutorial
Business Sciences				Business Sciences			
1st Year				1st Year			
Financial Techniques And Operations	5.0	LCE_TOF	Tutorial	Microeconomics	7.0	LCE_MI	Tutorial
Macroeconomics	5.0	LCE_MA	Tutorial	Human Resources	5.0	LCE_RH	Tutorial
Fundamentals Of Law	4.0	LCE_NFD	Tutorial	Accounting II	8.0	LCE_CII	Tutorial
Introduction To Business Sciences	3.0	LCE_ICE	Tutorial	Applied Mathematics II	6.0	LCE_MAI	Tutorial
Accounting I	8.0	LCE_CI	Tutorial	Information And Comunication Techniques	4.0	LCE_TIC	Tutorial
Applied Mathematics I	5.0	LCE_MAI	Tutorial	Sectorial Accounting	4.0	LCE_CS	Tutorial
2nd Year				2nd Year			
International Business And Trade	4.0	LCE_CNI	English	Groups Accounting	7.0	LCE_CS	Tutorial
Quantitative Methods I	5.0	LCE_MQI	Tutorial	Marketing	5.0	LCE_MAR	Tutorial
Management Accounting I	7.0	LCE_CAI	Tutorial	Quantitative Methods II	5.0	LCE_MQII	Tutorial
Financial Analysis	6.0	LCE_AF	Tutorial	Investment Projects	6.0	LCE_PI	Tutorial
Portuguese And European Economy	5.0	LCE_EPE	Tutorial	Labour Psychosociology	4.0	LCE_PT	Tutorial
Quality Management And Environmental Management	3.0	LCE_GQGA	Tutorial	Training Design And Management	3.0	LCE_CGF	Tutorial
3rd Year				3rd Year			
Production And Logistics Management	5.0	LCE_GPL	Tutorial	Corporate Finance	6.0	LCE_FE	Tutorial
Strategic Management	7.0	LCE_GE	Tutorial	Economics And Management Of Innovation	5.0	LCE_EGI	Tutorial
Business Economics	5.0	LCE_EE	Tutorial	Regional Development	5.0	LCE_DR	Tutorial
Ethics And Professional Deontology	2.0	LCE_EDP	Tutorial	Management Accounting II	7.0	LCE_CAI	Tutorial
Enterprise Information Systems	4.0	LCE_SIE	Tutorial	Business And Labour Law	6.0	LCE_DCT	Tutorial
Professional English	2.0	LCE_IT	English	Business Sciences Research Project	7.0	LCE_PIICE	English
Industrial Management and Logistic				Industrial Management and Logistic			
1st Year				1st Year			
Economics	8.0	LGIL_ECO	Tutorial	Marketing	6.0	LGIL_MKT	Tutorial
Introduction to Industrial Management	6.0	LGIL_IGI	Tutorial	Statistics	7.0	LGIL_ESTA	Tutorial
Programming Languages	5.0	LGIL_LP	Tutorial	Database Management Systems	5.0	LGIL_SGBD	Tutorial
Computational Mathematics and Applications	6.0	LGIL_MCA	Tutorial				
Fundamentals od Financial Accounting	5.0	LGIL_NCF	Tutorial				
2nd Year				2nd Year			
International Business And Trade	4.0	LGIL_CNI	English	Operational Management II	7.0	LGIL_GOII	Tutorial
Operational Management I	7.0	LGIL_GOI	Tutorial	Human Resources Management	3.0	LGIL_GRH	Tutorial
Operational Resesarch I	6.0	LGIL_IOI	Tutorial	Operacional Research II	6.0	LGIL_IOII	Inglès
Quantitative Methods for Decision Supporting	6.0	LGIL_MQAD	Tutorial	Logistics I	7.0	LGIL_LOGI	Inglès
3rd Year				3rd Year			
Business and Transportation Law	4.0	LGIL_DET	Tutorial	Project in Industrial Management and Logistics	22.0	LGIL_EST	English
Business Process Management	6.0	LGIL_GPN	Tutorial	English	3.0	LGIL_ENG	English
Logistics II	7.0	LGIL_LOGII	Inglès				
Information Systems	6.0	LGIL_SI	Tutorial				
Business Information Systems				Business Information Systems			
1st Year				1st Year			
Introduction to Programming	6.0	LSIG_IP	Tutorial	Business Law	3.0	LSIG_DN	Tutorial
Work and Management Process Sociology	3.0	LSIG_STPG	Tutorial	Operations Management	5.0	LSIG_GO	Tutorial
Information Systems Analysis	7.0	LSIG_ASI	Tutorial	Computational Mathematics	5.0	LSIG_MC	Tutorial
Introduction to Management and Information Systems	6.0	LSIG_NGSI	Tutorial	Introduction to Networks and Data Communications	5.0	LSIG_NRCD	Tutorial
Business Management and Accounting	5.0	LSIG_GCE	Tutorial	Object Oriented Programming	6.0	LSIG_POO	Tutorial
Professional English	3.0	LSIG_IT	English	Database Management Systems I	6.0	LSIG_SGBDI	Tutorial
2nd Year				2nd Year			
Business Process Management	6.0	LSIG_GPN	Tutorial	Software Development Project	7.0	LSIG_PDS	Tutorial
Software Quality	4.0	LSIG_QS	Tutorial	Information Extration Techniques	5.0	LSIG_TEI	Tutorial
Logistics	5.0	LSIG_LOG	Tutorial	Business Marketing	5.0	LSIG_ME	Tutorial
Operational Resesarch	5.0	LSIG_IO	Tutorial	Transdisciplinary Project	4.0	LSIG_PI	Tutorial
3rd Year				3rd Year			
Management Information Systems	7.0	LSIG_SIGE	English	Placement / Project	30.0	LSIG_EP	English
Business Strategy and Innovation	5.0	LSIG_JEE	Tutorial				
Commercial Management and Techniques	4.0	LSIG_GTC	Tutorial				
Personal and Organizational Skills	3.0	LSIG_DCPO	Tutorial				
Methods and Techniques for Data Analysis	6.0	LSIG_MTAD	Tutorial				

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Winter Semester				ECTS	Code	English/Tutorial	Summer Semester				ECTS	Code	English/Tutorial		
Informatics Engineering							Informatics Engineering								
1st Year							1st Year								
Programming Laboratory	7.0	LEI_LP	English	Software Engineering I	7.0	LEI_ESI	Tutorial								
Linear Algebra And Analytic Geometry	6.0	LEI_ALGA	Tutorial	Computational Mathematics I	6.0	LEI_MCI	Tutorial								
Introduction To Computer Systems	5.0	LEI_ISC	Tutorial	Discrete Mathematics	6.0	LEI_MD	English								
Programming Fundamentals	7.0	LEI_FP	Tutorial	Programming Paradigms	7.0	LEI_PP	English								
Applied Fisics	5.0	LEI_FA	Tutorial	Digital Systems And Computer Architecture	4.0	LEI_SDAC	Tutorial								
2nd Year							2nd Year								
Computational Mathematics II	6.0	LEI_MCI	English	Algorithm Analysis And Optimization	6.0	LEI_AAO	Tutorial								
Software Engineering II	7.0	LEI_ESII	English	Databases	6.0	LEI_BD	English								
Structured Processing Of Information	5.0	LEI_PEI	Tutorial	Web Programming	7.0	LEI_PAW	English								
Operating Systems	5.0	LEI_SO	Tutorial												
Data Structures	7.0	LEI_ED	English												
3rd Year							3rd Year								
Mobile And Ubiquitous Computing	6.0	LEI_CMU	English	Organizational Information Systems	4.0	LEI_SIO	Tutorial								
Computer Systems Administration	5.0	LEI_ASI	Tutorial	Final Project	18.0	LEI_PF	Tutorial								
Software Development Laboratory	7.0	LEI_LDS	Tutorial	Artificial Intelligence	5.0	LEI_IA	Tutorial								
Information Systems	6.0	LEI_SI	Tutorial	Fundamentals Of Management	3.0	LEI_NG	Tutorial								
Computer and Network Security							Computer and Network Security								
1st Year							1st Year								
Linear Algebra And Analytic Geometry	6.0	LSIRC_ALGA	Tutorial	Programming Paradigms	7.0	LSIRC_PP	English								
Professional English	3.0	LSIRC_IT	English	Discrete Mathematics	6.0	LSIRC_MD	English								
Introduction To Computer Systems	5.0	LSIRC_ISC	Tutorial	Digital Systems And Computer Architecture	4.0	LSIRC_SDAC	Tutorial								
Ethics And Legislation For Information Technologies	2.0	LSIRC_ELI	Tutorial	Computer Networks I	6.0	LSIRC_RCI	Tutorial								
Programming Fundamentals	7.0	LSIRC_FP	Tutorial	Informatic Security	7.0	LSIRC_SI	Tutorial								
Programming Laboratory	7.0	LSIRC_LP	English												
2nd Year							2nd Year								
Computer Networks II	7.0	LSIRC_RCI	Tutorial	Databases	6.0	LSIRC_BD	English								
Structured Processing Of Information	5.0	LSIRC_PEI	Tutorial	Applied Cryptography	5.0	LSIRC_CA	English								
Data Structures	7.0	LSIRC_ED	English	Web Programming	7.0	LSIRC_PAW	English								
Operating Systems	5.0	LSIRC_SO	Tutorial	Computer Network Planning And Projection	6.0	LSIRC_PPR	Tutorial								
3rd Year							3rd Year								
Computer Systems Administration	5.0	LSIRC_ASI	Tutorial	Computer Audit	6.0	LSIRC_AI	Tutorial								
Penetration Test And Ethical Hacking	7.0	LSIRC_TPHE	Tutorial	Fundamentals Of Management	3.0	LSIRC_NG	Tutorial								
Critical Systems	6.0	LSIRC_SC	Tutorial	Final Project	16.0	LSIRC_PF	English								
Information Security Management Systems	6.0	LSIRC_SGSI	Tutorial	Secure Programming	5.0	LSIRC_PS	Tutorial								
Occupational Safety and Environment							Occupational Safety and Environment								
1st Year							1st Year								
Technical Drawing	5.0	LSTA_DT	Tutorial	Anatomophysiology and Toxicology	5.0	LSTA_AT	Tutorial								
				Labour Psychosociology	4.0	LSTA_PT	Tutorial								
				Fundamentals of Occupational Safety and Hygiene	4.0	LSTA_FSHT	Tutorial								
2nd Year							2nd Year								
Environment I	4.0	LSTA_AMBI	Tutorial	Environment II	4.0	LSTA_AMBII	Tutorial								
Ergonomics	6.0	LSTA_ERG	Tutorial	Occupational Hygiene II	6.0	LSTA_HOII	Tutorial								
Occupational Hygiene I	6.0	LSTA_HOI	Tutorial	Equipments and Machines Safety	5.0	LSTA_SME	Tutorial								
Safety with Hazardous Chemical Agents	5.0	LSTA_SAQ	Tutorial	Information and Communication Techniques	5.0	LSTA_TIC	Tutorial								
Safety at Work	5.0	LSTA_ST	Tutorial												
3rd Year							3rd Year								
Assessment and Control of Risks	7.0	LSTA_ACR	Tutorial	Environmental Management System	4.0	LSTA_SGA	Tutorial								
Quality Management System	4.0	LSTA_SGQ	Tutorial	Ethics and Deontology	2.0	LSTA_ED	Tutorial								
Occupational Health and First Aid	6.0	LSTA_SOPC	Tutorial	Safety and Health Management Systems	4.0	LSTA_SGGST	Tutorial								
Safety in Construction	6.0	LSTA_SC	Tutorial	Training Design And Management	4.0	LSTA_CGF	Tutorial								

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Winter Semester				ECTS	Code	English/Tutorial	Summer Semester				ECTS	Code	English/Tutorial		
Legal Practice								Legal Practice							
1st Year								1st Year							
Administrative Law I				8.0	LSOL_DAI	Tutorial	Administrative Law II				7.0	LSOL_DAI	Tutorial		
Constitutional and European Union Law				7.0	LSOL_DCUE	Tutorial	Criminal and Administrative Offense Law				5.0	LSOL_DPCO	Tutorial		
Introduction to Law				8.0	LSOL_ID	English	Methods of Dispute Resolution				5.0	LSOL_MRL	Tutorial		
Financial Operations				3.5	LSOL_OF	Tutorial	Civil Law II				8.0	LSOL_TGDC	Tutorial		
2nd Year								2nd Year							
Declarative Civil Procedural Law				8.0	LSOL_DPCD	Tutorial	Executive Civil Procedural Law				6.5	LSOL_DPCE	Tutorial		
Family Law				5.0	LSOL_DF	Tutorial	Consumer Law				3.0	LSOL_SCONS	Tutorial		
Civil Law II (Contracts and Torts)				7.0	LSOL_DO	Tutorial	Law of Urban Planning				4.5	LSOL_DU	Tutorial		
Labour Law and Procedure				5.5	LSOL_DPT	Tutorial	Property Law				4.5	LSOL_DR	Tutorial		
Commercial Law				4.5	LSOL_DC	English	Corporate Law				5.5	LSOL_SC	Tutorial		
3rd Year								3rd Year							
Lease and Condominium Law				4.5	LSOL_AC	Tutorial	Ethics and Professional Deontology				3.0	LSOL_EDP	Tutorial		
Tax Law I				4.5	LSOL_DFI	Tutorial	Insolvency Law				3.0	LSOL_DINS	Tutorial		
Contracts Law				5.5	LSOL_DCON	Tutorial	Tax Law II				6.0	LSOL_DFII	Tutorial		
Judicial Practice and Procedural Costs				3.0	LSOL_PFCP	Tutorial	Register and Notary II				6.0	LSOL_RNII	Tutorial		
Register and Notary I				7.5	LSOL_RNI	Tutorial									