

Courses taught in English

Academic Year 2020-2021

- [Architecture and Design](#)
- [Business and Economics](#)
- [Communication](#)
- [Education and Psychology](#)
- [Engineering](#)
- [Humanities and Social Sciences](#)
- [ISSA School of Management Assistants](#)
- [Law and International Relations](#)
- [Nursing](#)
- [Pharmacy and Nutrition](#)
- [Sciences](#)

Architecture and Design

COURSE	ECTS	Semester
Applied technologies I	3	Fall
Building Services	3	Fall
Contemporary Art and Architecture	3	Fall
Creative Lab I: Fashion, Product or Service	6	Fall
Design Studio V: Fashion, Product or Service	9	Fall
Design trends in Contemporary World	6	Fall
Oriented Design Studio I: Urban Architecture	7,5	Fall
Print Media Management	4,5	Fall
Progammng and Numerical Methods - Architecture	4,5	Fall
Project Management	3	Fall
Structural Design - Architecture	4,5	Fall
Urban Morphology - Architecture	3	Fall
Urban Regeneration - Architecture	4,5	Fall
Comprehensive Lab IV - Design	6	Spring
Construction Systems	3	Spring
Creative Traditions in History	6	Spring
Design Studio IV - Design	9	Spring
Design Studio VI - Architecture	7,5	Spring
Form and Industry - Design	6	Spring
Form and Industry (Proceedings)	6	Spring
Form and Matter (Properties)	6	Spring
Graphic Lab III - BIM	3	Spring
International Seminar I: Creative Architecture**	3	Spring
International Seminar I: Tech Architecture**	3	Spring
International Seminar I: Urban Architecture**	3	Spring
Structural Systems	3	Spring
The Legacy of the Craftmanship	6	Spring

This course is open for exchange students outside the School subject to prerequisites and capacity constraints

**This course is concentrated during first weeks of the semester

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Business and Economics

COURSE	ECTS	Semester
Business communication I	6	Fall
Business Ethics	3	Fall
Business models	3	Fall
E-commerce	6	Fall
Econometrics I	6	Fall
Entrepreneurship	3	Fall
European Financial Institutions	3	Fall
Financial Accounting I	6	Fall
Financial Statement Analysis	6	Fall
Firms Valuation Methods	6	Fall
Fundamentals of Finance	6	Fall
Industrial Organization	6	Fall
International legal foundations	4,5	Fall
International Trade	6	Fall
Investments in Financial Markets	6	Fall
Macroeconomics: Theory and Policy	6	Fall
Marketing I	6	Fall
Modern happiness studies	3	Fall
Principles of Microeconomics	6	Fall
Probability and Statistics I	6	Fall
Project management	6	Fall
Quality management	6	Fall
Sociology for the 21st Century	4,5	Fall
Strategic Management	6	Fall
Brand leadership	3	Spring
Business case analysis	6	Spring
Business Ethics	3	Spring
Business Policy	6	Spring
Compared political systems-Political fundamental concepts	4,5	Spring
Corporate governance	6	Spring
Marketing II	6	Spring
Entrepreneurial finance: mergers and acquisitions**	3	Spring
European Institutions	3	Spring
Family business management	6	Spring
Financial Accounting II	6	Spring
Financial Accounting III	6	Spring
Financial derivatives	6	Spring
Global Political Economy	6	Spring
Human resources	6	Spring



International Finance	6	Spring
International organizations	3	Spring
Luxury brands: innovation and management	3	Spring
Microeconomics: Theory and Policy	6	Spring
Money, banking and digital finance	6	Spring
Negotiation	3	Spring
Operations Management	6	Spring
Principles of Business Administration	6	Spring
Probability and Statistics II	6	Spring
Strategic marketing management***	3	Spring
Sustainability	6	Spring
Time series	6	Spring

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**Intensive course dates: January 11-February 22

***Intensive course dates: March 1-April 26

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Communication (FCOM)

COURSE	Nº ECTS	Semester
Brand Management	6	Fall
Communication Skills for Journalists (Global Communication)	3	Fall
Contemporary political systems	6	Fall
Economics (Marketing)	6	Fall
Film and TV Marketing	3	Fall
History of Comunicación	6	Fall
Introduction to Advertising and Public Relations	6	Fall
Introduction to Branding	6	Fall
Introduction to Marketing	3	Fall
Marketing: historical and cultural perspectives	6	Fall
Media Economics	6	Fall
Multimedia communication	6	Fall
Principles of Business Administration	6	Fall
Principles of Microeconomics (Marketing)	6	Fall
Television studies	3	Fall
Advertising Culture	3	Spring
Corporate Communication	3	Spring
Developing projects for performing arts	3	Spring
Economics	6	Spring
Effective speaking and writing	3	Spring
English for film, tv and radio	3	Spring
Global Communication	3	Spring
History of Cinema	6	Spring
Innovation Methods	3	Spring
Introduction to screenwriting	6	Spring
Media Management	6	Spring
News design	3	Spring
Political Communication	6	Spring
Sales Management	3	Spring
Sociology	6	Spring
Strategies in fashion communication	3	Spring
Visual Culture	6	Spring

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Education and Psychology

COURSE	ECTS	Semester
Bilingual Education and CLIL	3	Spring
Character education	3	Spring
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Engineering (Tecnun)

COURSE	ECTS	Semestre
Computational Biology	4	Fall
Design Techniques & Creativity	4	Fall
Digital Signal Processing	6	Fall
Digital Systems	4	Fall
Electric Drives	6	Fall
Electromagnetic Compatibility Systems	4	Fall
Energy Technologies	4	Fall
European Studies	2	Fall
Fabrication of Electronic Systems	6	Fall
Fluid Power	4	Fall
Fresh Thinking	2	Fall
Genomics and Proteomics	6	Fall
Information Theory & Coding	6	Fall
Modelling & Simulation	4	Fall
Production Planning & Scheduling	4	Fall
Prototyping	6	Fall
Signal Theory	6	Fall
Transport Phenomena in Biomedical Systems	4	Fall
Vehicle Systems Engineering	6	Fall
Bachelor Thesis Project	12	Fall
Antennas and Propagation*	6**	Fall
Biomechanics & Biorobotics*	6**	Fall
Business Administration*	6**	Fall
CAD/CAM*	6**	Fall
Computer Architecture*	6**	Fall
Computer Programming II*	4**	Fall
Electronic Design*	6**	Fall
Material Science*	4**	Fall
Network Security*	4**	Fall
Renewable Energy*	4**	Fall
Electronic Communications	6	Spring
European Studies	2	Spring
Ergonomics	4	Spring



Fresh Thinking	2	Spring
Machine Components Design	4	Spring
Measurement & Instrumentation Systems	6	Spring
Optoelectronics and Optical Communications	4	Spring
Signal Processing	6	Spring
Software Engineering	4	Spring
Strength of Materials II	4	Spring
Tissue Engineering	4	Spring
Bachelor Thesis Project	12	Spring

*Subjects taught PARTIALLY in English

**full workload (if the student takes only the English part of the class the workload use to be lower

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Humanities and Social Sciences

COURSE	ECTS	Semester
Anthropology	6	Annual
Ethics	6	Annual
Information and communication technologies	6	Annual
Classic World	6	Fall
Contemporary world history	6	Fall
History and culture of the English speaking world	6	Fall
Images and culture	6	Fall
Introduction to logic	6	Fall
Knowledge and Reality	6	Fall
The business of Wine and Gastronomy in Northern Spain	6	Fall
Theory of Arts	6	Fall
World Literature	6	Fall
Worldviews and The Human Person	3	Fall
British and American literature	6	Spring
Cultural geography	6	Spring
Language and Communication	6	Spring
Literature and cinema	3	Spring
Literature and Popular Culture	3	Spring
Worldviews and Ethics	3	Spring

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ISSA School of Management Assistant

COURSE	ECTS	SEMESTER
Business Communication	6	Fall
Business Management I	12	Fall
Comunicación Empresarial I: Business Communication I*	6	Fall
Intercultural Communication	3	Fall
Marketing**	3	Fall
Organizational Behaviour	3	Fall
Translation (Spanish-English)	3	Fall
Business Management II	12	Spring

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LAW AND INTERNATIONAL RELATIONS

COURSE	ECTS	Semester
Business in a global context	6	Fall
Comparative political systems	6	Fall
Human rights and political thought (IR)	6	Fall
Human rights and political thought (IR-Law)	6	Fall
International communication and public opinion (IR/Law)	6	Fall
International contracts (IR)	6	Fall
International contracts (IR-Law)	6	Fall
International Law	6	Fall
International Relations in Africa	6	Fall
International Relations Theory (IR)	3	Fall
International Relations Theory (IR-Law)	3	Fall
International Trade	6	Fall
Introduction to Anglo-American Law and Case Analysis	3	Fall
Modern world history (IR)	6	Fall
Modern world history (IR/Law)	6	Fall
Political economy	6	Fall
Public Diplomacy (IR)	3	Fall
World Politics (IR)	6	Fall
World Politics (IR-Law)	6	Fall
Academic skills in English	3	Spring
Conflict analysis and resolution (IR)	3	Spring
Conflict analysis and resolution (IR-Law)	3	Spring
Cultural geography (IR)	6	Spring
Cultural geography (IR-Law)	6	Spring
English for business law	3	Spring
European Union Law (IR-Law)	6	Spring
European Union Law (IR)	6	Spring
International communication and public opinion (IR)	6	Spring
International Organization	6	Spring
International project management	3	Spring
International Relations	6	Spring
International security policy: international crimes, organized crime and international terrorism (IR)	6	Spring
International security policy: international crimes, organized crime and international terrorism (IR-Law)	6	Spring
Law and State	6	Spring
Law and the State	6	Spring
Public Diplomacy (IR-Law)	3	Spring
Sociology (IR)	6	Spring
Sociology (IR-Law)	6	Spring



The EU's Common Security and Defense Policy (IR)	6	Spring
The EU's Common Security and Defense Policy (IR-Law)	6	Spring
U.S. Constitutional Law	3	Spring

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NURSING

COURSE	ECTS	Semester
Management and legislation	3	Fall
Nutrition and Diet	3	Fall
Palliative Care	3	Fall
Philosophical fundamentals in Nursing	3	Fall
Adult Nursing Care II	6	Spring
Foundation of Scientific Methodology in Health Sciences	3	Spring
Geriatric Nursing Care	6	Spring
Metodological fundamentals in Nursing	3	Spring

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PHARMACY AND NUTRITION

COURSE	ECTS	Semester
New food products	3	Fall
Academic Skills in English	3	Spring
Environmental Toxicology and Public Health	6	Spring
International Trends in Pharmac. and Nutr. Sci.	3	Spring
Molecular Physiology	3	Spring
Nutrition and Health	3	Spring

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SCIENCES

COURSE	ECTS	Semester
Structural and Functional Biochemistry	6	Annual
Air Pollution	6	Fall
Cancer Biology	3	Fall
Computational Biology	6	Fall
Data Analysis	3	Fall
Ecology	6	Fall
Economics and the Environment	3	Fall
General Chemistry	9	Fall
General Chemistry (for Biochem., Biology and Env. Sci)	6	Fall
Global Change	3	Fall
Human Molecular Genetics	6	Fall
Mathematics	6	Fall
Physics	6	Fall
Soil and waste treatment	6	Fall
Basic computer sciences and bibliographical techniques	3	Spring
Basic Statistics	3	Spring
Biostatistics	6	Spring
Energy Management and Ecoefficiency	6	Spring
Enviromental management and audit systems	6	Spring
Environmental chemistry	6	Spring
Environmental education and communication	6	Spring
Fundamentals of environmental engineering	6	Spring
Genetic engineering	6	Spring
Genomics	3	Spring
Geology	6	Spring
Hydrology and Hydrogeology	3	Spring
Laboratory of Atomic and Molecular Structure	1,5	Spring
Physical Chemistry	6	Spring
Quantitative Analytical Chemistry	6	Spring
Radioactivity	3	Spring
Scientific research skills	3	Spring
Statistical Thermodynamics, Transport	6	Spring
Water treatment	6	Spring

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