

# UCLM

English subjects & English Friendly

University of Castilla-La Mancha



2022 / 2023

Edited:

Vice-Rectorate for Internationalization

For further details of the information contained herein, please visit the university's website ([www.uclm.es](http://www.uclm.es)) or contact the Vice-Rectorate for Internationalization at the following e-mail address: [Vic.Internacionalizacion@uclm.es](mailto:Vic.Internacionalizacion@uclm.es)

## WELCOME TO THE UNIVERSITY OF CASTILLA-LA MANCHA

Founded in 1985, our University now offers 63 bachelor's degree programmes and 47 official master degrees programmes, all of which are in accordance with the standards of the European Higher Education Area (EHEA). Moreover, the UCLM proffers a wide selection of post-graduate courses and 18 PhD programmes.

Our institution, founded more than 25 years ago, has consolidated itself as a top university within the Spanish Higher Education System. The UCLM holds cooperation agreements and relations with nearly 1000 worldwide academic centers and institutions. This constitutes the perfect frame to let our students and professors go abroad and international students and professors come to UCLM. According to the statistics from 2019-2020, around 1200 worldwide students arrived at the UCLM to start or continue their education. Furthermore, the UCLM also offers Spanish language courses to international students and visitors.

Our institution is pleased to have these international programmes for non-native speakers. Moreover, the UCLM is proud of being able to have the confidence of worldwide professors and students, who each year select the UCLM for different purposes.

The UCLM has a motivated and experienced personnel that will help you to achieve your personal and academic objectives. You will be more than welcome at the University of Castilla-La Mancha. We will be



waiting for you to share some excellent and exchange experiences.

## Study in English

As an international institution that receives worldwide students and has international agreements with more than 1100 international institutions and organizations, the University of Castilla-La Mancha is clearly committed with its internationalization. In order to keep and increase this process, the UCLM has been working sternly on an internationalization strategy that will permit to improve and consolidate the UCLM position at the international tertiary education stage.

The aforementioned internationalization strategy is composed of numerous actions such as; the “Study Abroad Programme”, the Spanish courses for foreigners, the promotion of the UCLM, international initiatives and, obviously, the teaching in English.

From the UCLM, we understand perfectly the importance that Education in English has for our international status and reputation. Whereupon, we have started to develop an ambitious program towards the organization and implementation of teaching knowledge in English. So far, we have been able to reach a vast range of subjects taught in

English and we are still making a great effort to implement bilingual bachelors and master degrees and even some exclusively taught in English. In addition, the UCLM is developing a catalogue of subjects of the official degrees assigned as “English Friendly”, with the intention to facilitate the international students the class materials in English. Not only includes the possibility of performing English, but also the possibility of performing progress test and examinations in English, if they choose it.

The “English Friendly” program involves the voluntary commitment of the professorship to improve the monitoring of the classes by the international students. As well, it promotes the internationalization for the Spanish students with supporting documents for the study of the UCLM subjects in English.



In short, at the UCLM, international students will be capable of studying numerous disciplines of diverse fields of knowledge in English.

## Contact information

### International relations

The International Relations Office (ORI) and the Vice-Rectorate for Internationalization handle all international issues for the University of Castilla-La Mancha (UCLM). In this way, they are committed to facilitating relations with other international institutions of higher education and fostering international study and teaching opportunities among the university community.

Furthermore, they work to establish different international exchange programs for students, researchers, professors, and university administrative staff. In the case of students, such programs give them

the opportunity to take some academic credits of their degrees in those foreign academic institutions with which University of Castilla-La Mancha has signed an exchange agreement.

### Office of the Vice-Rectorate for Internationalization

Campus Científico y Tecnológico de la Antigua

Fábrica de Armas de Toledo

Avda. Carlos III, 21. 45071 - Toledo

Tfno: (+34) 925 26 88 08

Vic.Internacionalizacion@uclm.es

### International Relations Office

Director: Esperanza Aranda Peña

Tfno.: + (34)926 295300

ori@uclm.es

CAMPUS OF  
CIUDAD REAL





Ciudad Real is the most important site for the running of the University of Castilla-La Mancha. In this city is placed the Rector's Office and the most relevant decisions concerning the administration and management of the UCLM are decided in this venue.

Naturally, the vital centre of the UCLM has its own wonders. After all, Ciudad Real is the land of Don Quixote and it is surrounded by astonishing natural landscapes, some of which are included in the National Park list.

With regard to education, the Campus of Ciudad Real is, naturally, the most relevant campus within the University of Castilla-La Mancha. With around 7,375 students in accordance with the 2021 statistics, it offers a complete range of Bachelor's Degrees, Master's Degrees and other post-graduate studies for the best undergraduate and graduate education.

The Campus of Ciudad Real is divided into two venues: the main venue is, located in the city of Ciudad Real. A second venue is located in Almadén, a small town 100 kilometres away from Ciudad Real.

Taking advantage of the mercury mining tradition of Almadén, the UCLM decided to place the Polytechnic School, here where students can study the Bachelor's Degrees in Mining Engineering and Industrial Engineering. In addition, Almadén boasts of having the world's largest mercury mine, and together with Idrija, it is the only place that holds the Heritage of Mercury awarded by UNESCO back in 2012.

INTERNATIONAL RELATIONS OFFICE – CIUDAD REAL CAMPUS

Edificio de Servicios Generales  
Avda. Camilo José Cela, s/n  
Tfno.: (+34) 926 295300  
[ori.cr@uclm.es](mailto:ori.cr@uclm.es)

## ► FACULTY OF LETTERS

### UNDERGRADUATE DEGREE PROGRAMME IN HISTORY

#### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
66014	German I	SA	C1	6
66021	German II	SA	C2	6
66203	Human and Physical Geography	1	C1	6
66216	The Golden Age of Spain	2	C2	6
66241	The Spanish Monarchy in Europe	SA	C1	6
66245	Contemporary America	SA	C1	6

#### Bilingual

Code	Name of the Subject	Year	Semester	ECTS
66014	German I	SA	C1	6
66021	German II	SA	C2	6

## UNDERGRADUATE DEGREE PROGRAMME IN THE HISTORY OF ART

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
66014	German I	SA	C1	6
66021	German II	SA	C2	6
66203	Human and Physical Geography	1	C1	6
66241	The Spanish Monarchy in Europe	SA	C1	6
66245	Contemporary America	SA	C1	6

### Bilingual

Code	Name of the Subject	Year	Semester	ECTS
66014	German I	SA	C1	6
66021	German II	SA	C2	6

## MASTER DEGREE PROGRAMME IN RESEARCH IN ARTS AND HUMANITIES

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
310366	Language, Society and Culture: Interdisciplinary Studies	1	C1	6
310367	Comparative Literature Studies and Popular Literary Genres	1	C1	6

## UNDERGRADUATE DEGREE PROGRAMME IN SPANISH LANGUAGE AND LITERATURE

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
66014	German I	SA	C1	6
66021	German II	SA	C2	6

### Bilingual

Code	Name of the Subject	Year	Semester	ECTS
66014	German Language I	SA	C1	6
66021	German II	SA	C2	6

## UNDERGRADUATE DEGREE PROGRAMME IN ENGLISH STUDIES

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
66014	German I	2	C1	6
66021	German II	2	C2	6
66035	German III	SA	C1	6
66051	Language and Literature from the Perspective of Genre	SA	C1	6
66052	Translation II	SA	C2	6
66053	Methodology of Language Teaching	SA	C2	6

## Bilingual

Code	Name of the Subject	Year	Semester	ECTS
66014	German I	2	C1	6
66021	German II	2	C2	6
66051	Language and Literature from the Perspective of Genre	SA	C1	6
66052	Translation II	SA	C2	6

## UNDERGRADUATE DEGREE GEOGRAPHY, TERRITORIAL DEVELOPMENT AND SUSTAINABILITY

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
66424	Hydrogeography and Soil Geography	3	C2	6
66427	Photointerpretation and Remote Sensing	2	C2	6
66451	Contemporary Thinking and Globalization	1	C1	6
66452	Physical Geography and Sustainability: The Earth System	1	C1	6
66453	Human Geography and Sustainability: Society and Territory	1	C1	6
66461	Geographic Analysis Techniques	2	C1	6
66465	Rural Spaces, Development and Sustainability	2	C2	6
66479	Project Work, Environmental Assessment for Territorial Development	4	C2	6

## DEGREE IN MODERN LANGUAGES AND LITERATURE: FRENCH AND ENGLISH

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
66014	German I	2	C1	6
66020	English Literature I	2	C2	6
66021	German II	2	C2	6
66035	German III	3	C1	6
66516	Second Foreign Language	3	C2	6

### Bilingual

Code	Name of the Subject	Year	Semester	ECTS
66008	Commentary of Literary Texts in English	1	C2	6
66014	German I	2	C1	6
66020	English Literature I	2	C2	6
66021	German II	2	C2	6
66516	Second Foreign Language	3	C2	6

# ► SCHOOL OF MINING AND INDUSTRIAL ENGINEERING

## UNDERGRADUATE DEGREE PROGRAMME IN ELECTRICAL ENGINEERING

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
56301	Calculus I	1	C1	6
56304	Computer Engineering	1	C1	6
56306	Calculus II	1	C2	6
56310	Strength of Materials	2	C1	6
56312	Electrical Technology	2	C1	6
56313	Materials Science	2	C1	6
56319	Manufacturing System and Industrial Management	2	C1	6
56354	Project Management	4	C2	5
56381	Digital Control	3	C2	6
56405	Circuit Theory	2	C2	6
56430	Industrial Instrumentation and Measurement	4	C2	6
56435	Quality Control	4	C2	6
56439	Power Engineering	4	C2	6
56500	Electronic Technology	2	C2	6



# UNDERGRADUATE DEGREE PROG. IN MECHANICAL ENGINEERING

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
56301	Calculus I	1	C1	6
56304	Computer Engineering	1	C1	6
56306	Calculus II	1	C2	6
56310	Strength of Materials	2	C1	6
56312	Electrical Technology	2	C1	6
56313	Materials Science	2	C1	6
56315	Mechanics of Deformable Solids	3	C1	6
56320	Metallic and Concrete Structures: Design and Calcu	3	C2	6
56322	Systems and Fluid Machines	3	C1	6
56324	Materials Engineering and Technology	3	C2	6
56325	Manufacturing Technology	3	C2	6
56327	Theory of Structures and Industrial Constructions	4	C1	6
56351	Metallic and Concrete Structures	4	C1	6
56353	Welding Engineering	4	C2	5
56354	Project Management	4	C2	5
56358	Metrology and Automation of Production	4	C1	6
56500	Electronic Technology	2	C2	6

## MINING AND ENERGY ENGINEERING DEGREE

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
19509	Advanced Mathematics	1	C2	6
19519	Mining Research	3	C1	6
19525	Environmental Technology	3	C2	6
19530	Geophysics and Geochemistry	4	C2	6
19548	Calculus	1	C1	6
19552	Stength of Materials and Theory on Structures	2	C1	6
19553	Electrical Technology and Electronic	2	C1	6
19559	Exploration Technology	4	C2	6
19561	Electrical Energy Systems	4	C1	6
19568	Metallurgy	4	C1	6
19604	Energy Engineering	4	C1	6

### Bilingual

Code	Name of the Subject	Year	Semester	ECTS
19522	Mimeral Deposits	3	C1	6
19525	Environmental Technology	3	C2	6

# ► FACULTY OF SCIENCE AND CHEMICAL TECHNOLOGY

## UNDERGRADUATE DEGREE PROGRAMME IN CHEMISTRY

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
57302	Physics	1	AN	12
57309	Organic Chemistry I	2	AN	9
57310	Physical-Chemistry I: Thermodynamics	2	C1	6
57315	Physical-Chemistry II: Introduction to Quantum Che	2	C2	6
57316	Instrumental Analysis II	3	C1	6
57301	Mathematics	1	AN	12
57306	Statistics and Computational Methods	1	C2	6
57328	Biochemistry	4	C1	6
57339	Work Placement	4	AN	12
57340	Undergraduate Dissertation	4	SD	6

# CHEMICAL ENGINEERING

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
57700	Fundamentals of Physics	1	AN	12
57701	Calculus and Differential Equations	1	AN	12
57702	Foundations of Chemistry	1	C1	6
57703	Introduction to Chemical Engineering	1	C1	6
57704	Algebra	1	C1	6
57705	Computer Applications in Chemical Engineering	1	C2	6
57706	Engineering Graphics	1	C2	6
57707	Statics	1	C2	6
57708	Economy and Chemical Industry	2	C1	6
57709	Inorganic Chemistry	2	C1	6
57710	Chemical Thermodynamics	2	C1	6
57711	Material and Energy Balances	2	C1	6
57712	Fluid Mechanics	2	C1	6
57713	Applied Chemical Kinetics	2	C2	6
57714	Organic Chemistry	2	C2	6
57715	Fundamentals of Mechanical Design	2	C2	6
57716	Heat Transfer	2	C2	6
57717	Thermal Engineering	2	C2	6
57718	Separation Operations	3	C1	6
57719	Chemical Reaction Engineering	3	C1	6

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
57720	Environmental Technonology	3	C1	6
57721	Materials in Chemical Engineering	3	C1	6
57722	Electrical Engineering and Electronics	3	C1	6
57723	Integrated Laboratory of Unit Operations and Chemical	3	C2	6
57724	Instrumentation and Control of Chemical Processes	3	C2	6
57725	Biochemical Engineering	3	C2	6
57726	Process and Product Engineering	3	C2	6
57727	Design of Equipment and Installations	3	C2	6
57728	Projects	4	C1	6
57729	Production Planning and Control and Industrial Org	4	C1	6
57730	Processes and Products Integrated Laboratory	4	C2	6
57731	Undergraduate Dissertation	4	SD	12
57732	Carbon, Oil and Petrochemical Technology	4	C1	6
57733	Unit Operations in Food and Pharmaceutical Industry	4	C1	6
57735	Environmental Monitoring	4	C1	6
57736	Techonologies for Water and Wastewater Treatment	4	C1	6
57737	Techonologies for the Treatment of Gaseous Effluent	4	C2	6
57738	Risk Analysis and Health and Safety in the Chemical	4	C2	6
57739	Renewable Energy and Energy Assessment of Chemical	4	C2	6
57742	Work Placement I	4	C1	6
57743	Work Placement II	4	C1	6
57744	Simulation of Chemical and Energy Preocesses	4	C1	6

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
57745	Management of Contaminated Residues and Soils	4	C2	6
57746	Simulation of Chemical and Environmental Processes	4	C1	6

## UNDERGRADUATE DEGREE PROGRAMME IN FOOD SCIENCE AND TECHNOLOGY

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
58300	Physics	1	AN	9
58301	Mathematics	1	AN	9
58302	Biology	1	AN	9
58304	Principles of Food Science and Technology	1	C1	6
58305	Microbiology	1	C2	6
58306	Chemical Analysis	2	C2	6
58307	Raw Materials in the Food Industry	2	C1	6
58308	Human Physiology	1	AN	9
58309	Biochemistry	2	AN	9
58311	Organic Compounds and their Characterisation	2	AN	9
58312	Structure and Properties of Food Components	2	C1	6
58313	Food Analysis and Composition I	2	C2	6
58314	Unit Operations in the Food Industry	2	C1	6
58315	Food Technology I	2	C2	6
58316	Food Biotechnology	3	C1	6

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
58317	Food Analysis and Composition II	3	C2	6
58318	Sensory Analysis	3	C2	6
58319	Food Technology II	3	C1	6
58320	Food Hygiene I	3	C1	6
58321	Food Hygiene II	3	C2	6
58322	Economics and Management of the Food Industry	3	C2	6
58323	Quality Assurance and Food Laws and Standards	3	C1	6
58324	Human Nutrition	3	C1	6
58325	Community Nutrition and Dietetics	3	C2	6
58326	Meat Products	4	C1	6
58327	Dairy Products	4	C1	6
58328	Enology	4	C1	6
58329	(Edible) Oils and Fats	4	C1	6
58330	Food Toxicology	4	C1	6
58331	Undergraduate Dissertation	4	SD	12
58332	Work Placement	4	C1	6
58333	Alcoholic and Non-Alcoholic Beverages	4	C2	6
58334	Cereals and Derivatives	4	C2	6
58335	Food Packaging	4	C2	6
58336	Food and Health	4	C2	6
58337	Food Waste Characterization and Management in the Food Industry	4	C2	6

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
58338	General Chemistry	1	AN	12
58339	Advanced Chemistry	2	C1	6

## CHEMISTRY

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
57300	Foundations of Chemistry	1	AN	12
57301	Mathematics	1	AN	12
57302	Physics	1	AN	12
57303	Biology	1	C1	6
57304	Geology	1	C1	6
57305	Laboratory Basic Operations	1	C2	6
57306	Statics and Computational Methods	1	C2	6
57307	Foundations of Analytical Chemistry	2	C1	6
57308	Inorganic Chemistry I	2	AN	9
57309	Organic Chemistry I	2	AN	9
57310	Physical-Chemistry I: Thermodynamics	2	C1	6
57311	Gravimetric and Titrimetric Analysis	2	C1	6
57312	Instrumental Analysis I	2	C2	6
57313	Inorganic Chemistry II	2	C2	6



## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
57314	Organic Chemistry II	2	C2	6
57315	Physical-Chemistry II: Introduction to Quantum Chemistry	2	C2	6
57316	Instrumental Analysis II	3	C1	6
57317	Molecular Inorganic Chemistry	3	C1	6
57318	Organic Chemistry III	3	C1	6
57319	Physical-Chemistry III: Polyatomic Molecules and A	3	C1	6
57320	Structural Analysis	3	C1	6
57321	Instrumental Separation Methods	3	C2	6
57322	Inorganic Chemistry of Solid State	3	C2	6
57323	Amplified Organic Chemistry	3	C2	6
57324	Physical-Chemistry IV; Kinetics in Chemistry	3	C2	6
57325	Physical-Chemistry V: Electrochemistry and Macromo	3	C2	6
57326	Chemical Engineering	4	C1	6
57327	Science of Materials	4	C1	6
57328	Biochemistry	4	C1	6
57329	Projects and Management Systems	4	C2	6
57330	Undergraduate Dissertation	4	SD	12
57331	Applied Analytical Chemistry	4	C2	6
57332	Catalytic Processes	4	C2	6
57333	Chemistry and Atmospheric Pollution	4	C2	6
57334	Organic Products for Daily and Industrial Uses	4	C2	6
57335	Chemical Procedures for Industry	4	C2	6

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
57336	Industrial Microbiology	4	C2	6
57339	Work Placement	4	AN	12

## MASTER DEGREE PROGRAM IN CHEMICAL ENGINEERING

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
310740	Transport Phenomena	1	C1	6
310741	Process Analysis and Optimisation	1	C1	6
310742	Advanced Separation Operations	1	C1	6
310743	Process Dynamics, Plantwide Process Control	1	C1	6
310744	Integral Management of Wastes and Emissions in The Industry	1	C1	6
310745	Design and Operation of Heterogeneous Reactors	1	C2	6
310746	Chemical Technology. Primary Engineering Services	1	C2	6
310747	Professional Training	2	C1	6
310748	Quality Engineering	1	C2	6
310749	Planning, Logistics and Industrial Organisation	1	C2	6
310750	Safety and Knowledge Management in The Chemical Industry	1	C2	6
310751	Management in the Chemical, Energy and Environmental Industry	2	C1	6
310752	Emerging Technologies in Energy and Environment	2	C1	6
310753	Master Diploma Work	2	SD	12

## MASTER'S DEGREE IN CHEMISTRY

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
310586	Advanced Instrumental Analysis Techniques	1	C1	6
311120	Laboratory and R+D+I Management Systems	1	C1	6
311121	Chemistry and Sustainable Development	1	C1	6
311122	Molecular Modelling	1	C1	6
311123	Advanced Structural Characterisation Techniques	1	C1	6
311124	Advanced Laboratory in Instrumental Techniques	1	C2	6
311126	External Practices	1	C2	12

## ► FACULTY OF MEDICINE OF CIUDAD REAL

## UNDERGRADUATE DEGREE PROGRAMME IN MEDICINE

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
34300	Human Anatomy I	1	C1	6
34303	Biology	1	C1	6
34305	Physiology	1	C2	6
34306	Histology	1	C2	6

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
34307	Psychology	1	C2	6
34308	Biotatistics: Fundamentals and Applications in Medicine	1	C2	6
34309	Human Anatomy II	1	C2	6
34310	Integrated Morphology, Structure and Function of T	2	AN	33

## ► FACULTY OF MEDICINE OF CIUDAD REAL

### UNDERGRADUATE DEGREE IN BUSINESS MANAGEMENT AND ADMINISTRATION

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
15310	FUNDAMENTALS OF NURSING 2	1	C2	6

## ▶ FACULTY OF LAW AND SOCIAL SCIENCES

### UNDERGRADUATE DEGREE IN BUSINESS MANAGEMENT AND ADMINISTRATION

#### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
54301	Basic Accounting	1	AN	9
54308	Financial Mathematics	1	C2	6
54309	International Economics	2	AN	9
54312	Business Investment and Finance	2	AN	9
54316	Principles of Marketing	2	C2	6
54317	Spanish Economy	3	C1	6
54320	Marketing Business Management	3	C1	6
54322	Business Taxation: Introduction and Personal Taxation	3	C2	6
54323	Econometric Methods and Modelling	3	C2	6
54326	Marketing Research	3	C2	6

#### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
54327	Strategic Management	4	C1	6
54333	European Union Economics	4	C2	5
54342	Marketing Communication	4	C2	5
54354	Business Venturing	4	C1	6
54356	Growth Strategies	4	C1	6

## Bilingual

Code	Name of the Subject	Year	Semester	ECTS
54327	Strategic Management	4	C1	6
54333	European Union Economics	4	C2	5

## UNDERGRADUATE DEGREE IN LABOUR RELATIONS AND HUMAN RESOURCES DEVELOPMENT

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
43300	Applied Foreign Language: English or Another European Language (French or Italian)	1	S1	6
43304	Introduction to Law: Regulations and Efficiency	1	S1	6
43307	Public Administration at Work and Administrative Procedure	1	S2	6
43312	Labour Law (part one)	2	S1	6
43317	Labour Law (part two)	2	S2	6
43321	Negotiation Strategies and Conflict Resolution	3	S1	6

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
43324	Health and Safety Law	3	C1	6
43332	Public Policies on Employment and Equality	4	C2	6
43344	European Labour Law	4	C1	5

# UNDERGRADUATE DEGREE PROGRAMME IN LAW

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
35302	Theory Of Law	1	AN	9
35304	Administrative Law I	1	AN	9
35310	Procedural Law I	2	AN	9
35313	Criminal Law II	2	C2	6
35317	Procedural Law II	3	C1	6
35318	European Union Law	3	C1	6
35325	Labor Law II	3	C2	6
35331	Argumentation And Strategic Negotiation	4	C2	5
35339	Law on International Cooperation Law For The Development Of Dev	4	C2	5
35345	Environmental Law	4	C2	5
35351	International Criminal Law	4	C1	5
35355	Public Law of The Economy	4	C2	5

## MASTERS DEGREE PROGRAMME IN BUSINESS INITIATIVE: ANALYSIS AND STRATEGIES

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
310776	Financing for Entrepreneurs and Smes	1	C1	6
310777	Tax Strategies for Small Size Businesses	1	C1	6
310778	Strategic Factors in The Management of New Business	1	C1	6
310779	Marketing Plan	1	C2	6
310780	Entrepreneurship and International Business	1	C2	6
310781	Entrepreneurship Policies	1	C1	6

## MASTERS DEGREE IN ECONOMIC DATA ANALYSIS AND MODELLING

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
311090	Exploratory Data Analysis in Business and Economics	1	C1	6
311095	Advanced Predictive Analytics	1	C2	6
311098	Applied Microeconometrics	1	C2	6



## ► E.T.S. CIVIL ENGINEERS OF CIUDAD REAL

### UNDERGRADUATE DEGREE PROGRAMME IN CIVIL ENGINEERING

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
38300	Mathematical Instruments for Engineering I	1	C1	6
38301	Mathematical and Computational Tools for Civil Eng	1	C1	6
38302	Descriptive Geometry	1	C1	6
38303	Science and Technology of Civil Engineering Materials	1	C1	6
38304	Fundamentals of Physics	1	C1	6
38305	Mathematical Instruments for Engineering II	1	C2	6
38306	Statistics	1	C2	6
38309	Rigid Body Mechanics	1	C2	6
38310	Differential Equations	2	C1	6
38314	Applied Ecology in Civil Engineering	2	C1	6
38315	Hydraulic Engineering	2	C2	6
38316	Strength of Materials	2	C2	9
38320	Project Work: Tools for Land Use Analysis and Mana	3	C1	6
38322	Solid Mechanics	3	C1	6
38329	Project Work: Multi-Modal Hubs	4	C1	6
38330	Urbanization Projects: Urban Design and Facilities	4	C1	6
38331	Project Work: Urban and Territorial Development	4	C1	6

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
38332	Works Technology of Structures	4	C2	6
38333	Landscape and Environmental Assessment	4	C2	6
38338	Environmental Engineering	3	C1	6
38339	Fluvial Hydraulics	3	C2	6

## Bilingual

Code	Name of the Subject	Year	Semester	ECTS
38314	Applied Ecology in Civil Engineering	2	C1	6
38333	Landscape and Environmental Assessment	4	C2	6

## MASTERS DEGREE PROGRAMME IN ENGINEERING OF ROADS, CANALS AND PORTS

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
310803	Bridge Design and Construction	1	C2	5
310805	Ports and Coasts	1	C1	5
310811	Design Work: Design and Sizing of a Structure	2	C1	6

## Bilingual

Code	Name of the Subject	Year	Semester	ECTS
310806	Sanitary Engineering	1	C1	5
310820	Innovation and Research in Civil engineering	1	AN	6

## ► FACULTY OF EDUCATION OF CIUDAD REAL

### UNDERGRADUATE DEGREE IN EARLY CHILDHOOD EDUCATION

#### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
46378	Communicative Skills in English I	3	C2	6
46380	Communication Skills in English II	4	C1	6
47300	Developmental Psychology in Early Childhood	1	AN	9
47301	Motor Skills and Health in Early Childhood Education	1	C1	6
47304	Educational Process During The Preschool Stage	1	C2	6
47307	English Language and English Language Teaching I	1	AN	9
47312	Preschool Biology, Health and Nourishment	2	C2	6
47315	English Language and English Language Teaching II	2	C1	6
47334	Play Areas	4	C1	5
47364	Educational Treatment of Learning Difficulties and Specific Needs	4	C1	6
47377	Eit Methodology for Early Childhood Education	3	C1	6
47379	Early Childhood Education for Diversity	3	C2	6

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
47387	English Phonetics for Early Childhood Education	4	C1	6
47388	English Grammar and Discourse for Early Childhood Education	4	C1	6

## Bilingual

Code	Name of the Subject	Year	Semester	ECTS
46380	Communication Skills in English II	4	C1	6
47315	English Language and English Language Teaching II	2	C1	6

## UNDERGRADUATE DEGREE IN PRIMARY EDUCATION (CR)

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
46301	English Language and English Language Teaching I	1	AN	9
46319	Music Education	1	C1	6
46325	Teaching Natural and Social Sciences	4	C1	6
46328	French Language and French Language Teaching I	1	AN	9
46332	Vocal and Bodily Expression	4	C1	5
46337	Teacher Training and Professional Development in Physical Education (P.E.)	4	C1	6
46339	New Approaches to Games Teaching	4	C1	6
46350	English Language Teaching	3	C1	6
46352	Communication Skills in English	3	C2	6

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
46369	English Language and Culture	4	C1	6
46370	English Literature and Texts	4	C1	6
46371	English Phonetics and Oral Skills	4	C1	6
47362	History of Music	4	C1	5
47363	Musical Creative Practice	4	C1	5
47364	Educational Treatment of Learning Difficulties and Specific Learning Needs	4	C1	6
47367	Educational Development Communication Skills and Language	3	C2	6
47376	Music Languages	3	C1	6

## Bilingual

Code	Name of the Subject	Year	Semester	ECTS
46328	French Language and French Language Teaching I	1	AN	9
46369	English Language and Culture	4	C1	6

## UNDERGRADUATE DEGREE IN PRIMARY EDUCATION

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
46301	English Language and English Language Teaching I	1	AN	9
46319	Music Education	1	C1	6

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
46325	Teaching Natural and Social Sciences	4	C1	6
46332	Vocal and Bodily Expression	4	C1	5
46337	Teacher Training and Professional Development in Physical Education (P.E.)	4	C1	6
46339	New Approaches to Games Teaching	4	C1	6
46350	English Language Teaching	3	C1	6
46352	Communication Skills in English	3	C2	6
46369	English Language and Culture	4	C1	6
46370	English Literature and Texts	4	C1	6
46371	English Phonetics and Oral Skills	4	C1	6
47362	History of Music	4	C1	5
47363	Musical Creative Practice	4	C1	5
47364	Educational Treatment of Learning Difficulties and Specific Learning Needs	4	C1	6
47367	Educational Development Communication Skills and Language	3	C2	6
47376	Music Languages	3	C1	6

## Bilingual

Code	Name of the Subject	Year	Semester	ECTS
46328	French Language and French Language Teaching I	1	AN	9
46369	English Language and Culture	4	C1	6

# ► SCHOOL OF COMPUTER SCIENCE OF CIUDAD REAL

## DEGREE PROGRAMME IN COMPUTER SCIENCE ENGINEERING

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
42326	Requirements Engineering	3	C2	6
42327	Software Design	3	C2	6
42328	Database Development	3	C2	6
42329	Enterprise Information Systems	3	C2	6
42330	Software Engineering Processes	4	C1	6
42331	Quality of Software Systems	4	C1	6
42332	Software Project Management	4	C1	6
42333	Security of Software Systems	4	C1	6
42334	Operating Systems II	3	C2	6
42335	Microprocessor-Based System Design	3	C2	6
42337	Network Infrastructure Design	3	C2	6
42340	Network Security	4	C1	6
42341	Systems and Services Planning and Integration	4	C1	6
42345	Knowledge-Based Systems	3	C2	6
42346	Multi-Agent Systems	4	C1	6
42348	Data Mining	4	C1	6
42373	Vlsi design	4	C2	6
42395	Mobile Networks and Services	4	C2	6

## Bilingual

Code	Name of the Subject	Year	Semester	ECTS
42301	Physical for Computer Science	1	C1	6
42302	Programming Fundamentals I	1	C1	6
42.303	Computer Technology	1	C1	6
42304	Business Management Fundamentals	1	C1	6
42305	Algebra and Discrete Mathematics	1	C2	6
42306	Programming Fundamentals II	1	C2	6
42308	Computer Networks I	1	C2	6
42309	Information Systems	1	C2	6
42312	Data Structures	2	C1	6
42313	Operating Systems I	2	C1	6
42.315	Statistics	2	C2	6
42316	Programming Methodology	2	C2	6
42317	Concurrent and Real Time Programming	2	C2	6
42319	Databases	2	C2	6
42321	Intelligent Systems	3	C1	6
42323	Computer Architecture	3	C1	6
42324	Software Engineering II	3	C1	6
42358	Final Year Project (FYP)	4	SD	12
42366	Information Systems Auditing	4	C2	6
42386	Web System Development	4	C2	6
42392	Techniques of Automated Learning	4	C1	6
42393	Computer Graphics	4	C2	6



# MASTER DEGREE IN COMPUTER ENGINEERING

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
310604	Ict Infrastructure Planning and Management	1	S2	6
310606	Development of Intelligent Systems	1	S2	6
310608	Audit and Security Management	1	S1	6
310604	Planning and Management of Information and Communication Technology Infrastructures	1	C2	6
310606	Intelligent Systems Development	1	C2	6
310608	Audit and Security Management	1	C1	6
311045	Management of Information Technologies	1	C1	6
311046	Innovation and Digital Transformation	1	C1	6
311047	Cyber-Physical Systems	1	C1	6
311048	Virtual and Augmented Reality	1	C1	6
311049	High-Performance Computing	1	C2	6
311050	Process and Service Management	1	C2	6
311052	Professional Training	2	C2	6

# MASTERS DEGREE PROGRAMME IN COMPUTER ENGINEERING

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
310604	Planning and Management of Information and Communication Technology Infrastructures	1	C2	6
310606	Intelligent Systems Development	1	C2	6
310608	Audit and Security Management	1	C1	6
310610	Professional Training	2	C2	12
311045	Management of Information Technologies	1	C1	6
311046	Innovation and Digital Transformation	1	C1	6
311047	Cyber-Physical Systems	1	C1	6
311048	Virtual and Augmented Reality	1	C1	6
311049	High Performance Computing	1	C2	6
311050	Process and Service Management	1	C2	6

## ► E.T.S. OF AGRICULTURAL ENGINEERS OF CIUDAD REAL

### UNDERGRADUATE DEGREE PROGRAMME IN AGRICULTURAL AND FOOD ENGINEERING

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
60465	Hygiene and Microbiological Validation of Food Processes	4	C2	5
60467	Food Biotechnology	4	C2	5
60363	Physics I	1	C1	6
60364	Physics II	1	C2	6

### UNDERGRADUATE DEGREE PROGRAMME IN ENOLOGY

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
58502	Physics	1	C1	6
58530	Sensory Analysis II	4	C1	6
58531	Wine Culture and Wine Tourism	4	C1	6

## MASTERS DEGREE PROGRAMME IN AGRICULTURAL ENGINEERING

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
310671	Models of Production Systems in Animal Production	1	C2	6

## ▶ E.T.S. CIVIL ENGINEERS OF CIUDAD REAL

## UNDERGRADUATE IN INDUSTRIAL ELECTRONICS AND AUTOMAT. ENGINEERING

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
56307	Statistics	1	C2	6
56312	Electrical Technology	2	C1	6
56313	Materials Science	2	C1	6
56329	Engineering Projects	4	C1	6
56403	Mechanism and Structure Theory	2	C2	6
56412	Computer Controlled Systemas	3	C2	6
56504	Digital Electronics I	3	C1	6
56506	Industrial Robots	3	C2	6
56517	Signal Processing	4	C1	6
56518	Computer Architecture	4	C1	6
56521	Computer Vision	4	C2	6

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
56524	Applied Biomedical Engineering	4	C2	6
56522	Advanced Programming	4	C2	6
56536	Electronic Materials and Devices	4	C2	6

## UNDERGRADUATE DEGREE PROG. IN MECHANICAL ENGINEERING

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
56307	Statistics	1	C2	6
56309	Engineering Graphics II	2	C1	6
56312	Electrical Technology	2	C1	6
56313	Materials Science	2	C1	6
56322	Systems and Fluid Machines	3	C1	6
56324	Materials Engineering and Technology	3	C2	6
56329	Engineering Projects	4	C1	6
56364	Nuclear Engineering	4	C2	6
56365	Hydraulic Machines	4	C2	6
56366	Alternative Energy	4	C1	6
56367	Thermal Machines	4	C2	6
56369	Combustion Technology	4	C1	6
56370	Layout and Design of Industrial Facilities	4	C2	6

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
56376	Advanced Materials	4	C1	6
56388	Graphic Engineering	3	C1	6

## UNDERGRADUATE DEGREE PROGRAMME IN ELECTRICAL ENGINEERING

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
56307	Statistics	1	C2	6
56312	Electrical Technology	2	C1	6
56313	Materials Science	2	C1	6
56329	Engineering Projects	4	C1	6
56403	Mechanism and Structure Theory	2	C2	6
56412	Computer Controlled Systemas	3	C2	6
56447	Reliability and Total Quality Techniques	4	C2	6
56445	Mathematical Software for Electrical Engineering	4	C2	6
56460	Reliability for Electrical Pover Systems	4	C2	6

## MASTERS DEGREE PROGRAMME IN INDUSTRIAL ENGINEERING

### Bilingual

Code	Name of the Subject	Year	Semester	ECTS
310622	Machine Design	1	C1	6
310624	Structural and Machinery Engineering	1	C2	6
310626	Industrial Cooling	1	C1	6
310628	Process Control and Factory Automation	1	C2	6
310630	Project Management	2	C1	6
310631	Business Management	2	C1	6

## UNDERGRADUATE DEGREE PROGRAMME IN ELECTRICAL ENGINEERING

### English Friendly

Code	Name of the Subject	Year	Semester	ECTS
310221	Cell Mobility and Dynamics: Introduction to The Dynamics of Tumoral Growth	1	C1	6
310223	Mathematical Models in Ecology	1	C1	6
310260	Postgraduation Dissertation	1	SD	12
310934	Numerical Analysis of PDE and Aproximation	1	C1	6
310936	Physics of Complex Networks and Interdisciplinary Applications	1	C2	6
310938	Nonlinear Analysis and Differential Equations	1	C2	6

# CAMPUS OF ALMADÉN

## ► SCHOOL OF MINING AND INDUSTRIAL ENGINEERING

### UNDERGRADUATE DEGREE PROGRAMME IN ELECTRICAL ENGINEERING

English Friendly

Code	Name of the Subject	Year	Semester	ECTS
56301	Calculus I	1	C1	6
56304	Computer Engineering	1	C1	6
56306	Calculus II	1	C2	6
56312	Electrical Technology	2	C1	6
56313	Materials Science	2	C1	6
56354	Project Management	4	C2	5
56402	Electronics	2	C2	6
56405	Circuit Theory	2	C2	6
56412	Computer Controlled Systems	3	C2	6
56430	Industrial Instrumentation and Measurement	4	C2	6
56435	Quality Control	4	C2	6



# UNDERGRADUATE DEGREE PROG. IN MECHANICAL ENGINEERING

## English Friendly

Code	Name of the Subject	Year	Semester	ECTS
56301	Calculus I	1	C1	6
56306	Calculus II	1	C2	6
56310	Strength of Materials	2	C1	6
56312	Electrical Technology	2	C1	6
56313	Materials Science	2	C1	6
56415	Mechanics of Deformable Solids	2	C1	6
56320	Metallic and Concrete Structures: Design and Calculations	3	C2	6
56324	Materials Engineering and Technology	3	C2	6
56325	Manufacturing Technology	3	C2	6
56327	Theory of Structures and Industrial Constructions	3	C1	6
56351	Metallic and Concrete Structures	4	C1	6
56353	Welding Engineering	4	C2	5
56354	Project Management	4	C2	5
56358	Metrology and Automation of Production	4	C1	6