



CEU | *Universidad  
San Pablo*

## COURSES IN ENGLISH

ACADEMIC YEAR 2018/2019

THE  
PLACE  
TO “  
BE”



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# WHY STUDY AT CEU?



## More than 80 years of history

CEU San Pablo is a **prestigious** and **stable** educational institution with one of the largest **traditions** (more than **80 years of experience**) in private education in Spain. Our extensive **alumni network** is present in over **40 countries** around the globe.



## International vocation

We offer a multilingual education with degrees in **English** and **bilingual** modalities, as well as second language complementary courses. We also offer an extensive range of **international programs** and **mobility** agreements to study part of the career in some of **the best universities** of the world.



## Close to the professional world

We have more than **7,000 collaboration agreements** with top companies and institutions in Spain and abroad.



## Leaders in scholarships

We seek **talent** and **excellence**, which is why we are the private educational institution that **invests the most** in **scholarships** and study aids in Spain.



## Education in values

We prepare our students to be excellent professionals and, above all, **people of integrity**, educated in **Christian humanism** values.

# OUR CAMPUSES

## Moncloa

- School of Law
- School of Humanities and Communication Sciences
- School of Business and Economics

- + Aula Innova (Innova hall)
- + Debate sessions on the state of current legal, political and financial affairs
- + Courtroom simulation hall
- + Bloomberg hall
- + Television studios
- + Radio and sound recording studios
- + Editing and post-production rooms
- + Photo Laboratory
- + La Agencia (The Agency), OnCEULab and CEU Media
- + Institute of European Studies
- + Institute of Democracy Studies
- + Institute of Family Studies
- + Institute of Historic Studies
- + European Documentation Center

## Campus life

- Cultural Activities
- Sports
- Volunteering Opportunities
- Pastoral Services



# OUR CAMPUSES

## Montepríncipe

- Institute of Technology
- School of Pharmacy
- School of Medicine



- + Agreements with University Hospitals: HM Hospitales
- + University Dental Clinic
- + Clara Campal Comprehensive Cancer Center (HM CIOCC)
- + Associated clinics for internships in Physical Therapy and Psychology
- + Institute of Applied Molecular Medicine (IMMA)
- + Research and Teaching Laboratories
- + Metabolomics and Bioanalysis Center of Excellence (CEMBIO)
- + Architectural Prototyping and Innovation Workshops
- + Bioengineering Laboratory
- + Digital Fabrication (FabLab CEU), Habitability, and Development Laboratories



## Campus life

- Cultural Activities
- Sports
- Volunteering Opportunities
- Pastoral Services



# SCHOOL OF BUSINESS AND ECONOMICS

## Bachelor Degree in Business Administration

YEAR	SUBJECT	ECTS	SEM
1st	Fundamentals of Management	6	S1
	Economic Theory I	6	S1
	Mathematics I	6	S1
	Computer Science	6	S1
	History and Society	6	S1
	Introduction to Financial Accounting	6	S2
	Economic Theory II	6	S2
	Statistics I	6	S2
	Fundamentals of Marketing	6	S2
	Business Civil Law	6	S2
2nd	Business Management and Organization I	6	S1
	Macroeconomic and Monetary Theory	6	S1
	Modern Language	6	S1
	Financial Accounting	6	S1
	Economic Policy	6	S2
	Structure and International Market	6	S1
	Business Management and Organization II	6	S2
	Mathematics II	6	S2
	Cost Accounting	6	S2
	The Spanish and comparative tax systems	6	S2
3rd	Commercial Management and Administration	9	S1
	Business Finance	6	S1
	Balance Sheet Analysis	6	S1
	Statistics and Business Econometrics	9	S1
	Social Doctrine of the Catholic Church	6	S2
	Economic History	6	S2
	Financial Management	6	S2
	Financial Instruments	6	S2
	Operational Company Management	6	S2

## Bachelor Degree in Economics

YEAR	SUBJECT	ECTS	SEM
1st	Labour Law	6	S1
	Statistics I	6	S2
2nd	Social Doctrine of the Catholic Church	6	S1
	Macroeconomics I	6	S1
	Statistics II	6	S1
	Economy of the Public Sector	6	S1
	The Spanish Economy	6	S2
	Microeconomics I	6	S2
	World Economic History	6	S2
	Economic Policy I	6	S2
	Econometrics	6	S2
	Financial Operations	6	S1
3rd	Economic Policy II / International Economic Policy	6	S1
	Financial Management	6	S2
	Macroeconomics II / Global Macroeconomics	6	S2

ECTS: European Credit Transfer and Accumulation System | SEM: Semester | S1: Fall Semester | S2: Spring Semester

# SCHOOL OF BUSINESS AND ECONOMICS

## Bachelor Degree in Marketing and Sales Management

YEAR	SUBJECT	ECTS	SEM
3rd	Commercial Distribution	6	S1
3rd	Market reserach in Marketing I	6	S1
3rd	Commercial Logistics	6	S2
3rd	Consumer Behaviour	6	S2
4th	Advertising Management	6	S2
4th	International Marketing	6	S1
4th	E-Commerce	6	S2

ECTS: European Credit Transfer and Accumulation System | SEM: Semester | S1: Fall Semester | S2: Spring Semester

# SCHOOL OF HUMANITIES AND COMMUNICATION SCIENCES

## Bachelor Degree in Advertising and Public Relations

YEAR	SUBJECT	ECTS	SEM
1st	Theory of Communication and Information	9	A
	Anthropology	6	A
	Great Books	6	S1
	History and Society	6	S1
	Basics of Photography and Aesthetics	6	S1
	Writing for the Media I	6	S2
	Basics of Art and Design	6	S2
	Political and Cultural Thought	6	S2
	Communication and Marketing	6	S1
	Corporate Communication	6	S1
2nd	Contemporary Literature	6	S1
	Contemporary World History	6	S1
	Television	6	S1
	Social Doctrine of the Catholic Church	6	S2
	Writing for the Media II	6	S2
	Basics of Advertising	6	S2
	Creative Thinking	6	S2
	Radio	6	S2
	Ethics and Deontology	6	S1
	Law	6	S1
3rd	Contemporary History of Spain	6	S1
	Technology and the New Media	6	S1
	Art Direction	6	S1
	English	6	S2
	Corporate and Institutional Communication	6	S2
	Structure of the Communications and Advertising Sector	6	S2

YEAR	SUBJECT	ECTS	SEM
4th	Market Research	6	S2
	Advertising Production	6	S2
	Communication and Culture	6	S1
	Integrated Communication	6	S1
	Political Communication	6	S1
	Applied Legislation	6	S1
	Brand Management	6	S1
	Public Opinion	6	S2
	Strategic Communication	6	S2
	Media Planning	6	S2

ECTS: European Credit Transfer and Accumulation System | SEM: Semester | S1: Fall Semester | S2: Spring Semester | A: Fall and Spring Semester

# SCHOOL OF HUMANITIES AND COMMUNICATION SCIENCES

## Bachelor Degree in Journalism

YEAR	SUBJECT	ECTS	SEM
1st	Theory of Communication and Information	9	A
	Anthropology	6	A
	Great Books	6	S2
	History and Society	6	S2
	Basics of Photography and Aesthetics	6	S2
	Writing for the Media I	6	S1
	Basics of Art and Design	6	S1
	Political and Cultural Thought	6	S1
	English	6	S2
	Structure and Analysis of Information	6	S2
2nd	Contemporary Literature	6	S2
	Contemporary World History	6	S2
	Television	6	S2
	Social Doctrine of the Catholic Church	6	S1
	Writing for the Media II	6	S1
	Basics of Advertising	6	S1
	Journalistic Design	6	S1
	Radio	6	S1
	Ethics and Deontology	6	S1
	Law	6	S1
3rd	Contemporary History of Spain	6	S1
	Technology and the New Media	6	S1
	Journalistic Writing I	6	S1
	Journalistic Writing II	6	S2
	Documentation and Research Techniques	6	S2
	History of Journalism	6	S2

YEAR	SUBJECT	ECTS	SEM
4th	Radio and Television Journalism	6	S2
	Specialized Journalism I	6	S2
	Political Communication	6	S1
	Applied Legislation	6	S1
	Public Opinion	6	S2
	International Relations	6	S1
	Opinion Journalism	6	S1
	Specialized Journalism II	6	S2
	Business and Institutional Communication	6	S2

ECTS: European Credit Transfer and Accumulation System | SEM: Semester | S1: Fall Semester | S2: Spring Semester | A: Fall and Spring Semester

# SCHOOL OF HUMANITIES AND COMMUNICATION SCIENCES

## Bachelor Degree in Audiovisual Communication

YEAR	SUBJECT	ECTS	SEM
1st	Theory of Communication and Information	9	A
	Anthropology	6	A
	Great Books	6	S1
	History and Society	6	S1
	Basics of Photography and Aesthetics	6	S1
	Writing for the Media I	6	S2
	Basics of Art and Design	6	S2
	Political and Cultural Thought	6	S2
2nd	Audiovisual Narrative I	4.5	S1
	Audiovisual System I	4.5	S1
	Audiovisual Narrative II	4.5	S2
	Audiovisual System II	4.5	S2
	Contemporary Literature	6	S2
	Contemporary World History	6	S2
	Television	6	S2
	Social Doctrine of the Catholic Church	6	S1
	Writing for the Media II	6	S1
	Basics of Advertising	6	S1
	Radio	6	S1
	Ethics and Deontology	6	S1
	Law	6	S1
3rd	Contemporary History of Spain	6	S1
	Technology and the New Media	6	S1
	Single-camera Directing	6	S1
	Screenwriting	6	S2
	Photography and Lighting	6	S2

YEAR	SUBJECT	ECTS	SEM
4th	Television Production	6	S2
	Non-linear Editing and Graphic Design	6	S2
	English	6	S2
	Political Communication	6	S1
	Applied Legislation	6	S1
	Public Opinion	6	S2
	History of Audiovisual Communication	6	S1
	Postproduction	6	S1
	Television Direction I	6	S1
	Radio Production and Direction	6	S2
	Television Direction II	6	S2

ECTS: European Credit Transfer and Accumulation System | SEM: Semester | S1: Fall Semester | S2: Spring Semester | A: Fall and Spring Semester

# SCHOOL OF HUMANITIES AND COMMUNICATION SCIENCES

## Bachelor Degree in Digital Communication

YEAR	SUBJECT	ECTS	SEM
1st	Theory of Communication and Information	9	A
	Thought and Technology	6	A
	Writing for the Media I	6	S1
	Basics of Art and Design	6	S1
	Political and Cultural Thought	6	S1
	History and Society	6	S1
	Basics of Photography and Aesthetics	6	S1
	Structure and Analysis of Information	6	S2
	Contemporary Literature	6	S1
2nd	Contemporary World History	6	S1
	Television	6	S1
	Social Doctrine of the Catholic Church	6	S2
	Writing for the Media II	6	S2
	Basics of Advertising	6	S2
	Visual Communication and the New Media	6	S1
	Technologies for Web Design and Programming I	6	S1
	Radio	6	S2
	Ethics and Deontology	6	S1
3rd	Law	6	S1
	Contemporary History of Spain	6	S1
	English	6	S2
	Content Management and Storage in Internet	6	S2
	Digital Integration of Contents	6	S2
	On-line Strategic Communication	6	S2
	Technologies for Web Design and Programming II	9	A
	Creation and Management of Social Networks	9	A
	Technology and New Media	6	S1

YEAR	SUBJECT	ECTS	SEM
4th	Political Communication	6	S1
	Applied Legislation	6	S1
	Public Opinion	6	S2
	On-Line Marketing and Advertising	9	A
	Development of Multimedia Projects	9	A
	E-Commerce	6	S1
	Brand Management: Online Image and Reputation	6	S2

ECTS: European Credit Transfer and Accumulation System | SEM: Semester | S1: Fall Semester | S2: Spring Semester | A: Fall and Spring Semester

# SCHOOL OF LAW

## Bachelor Degree in Law

YEAR	SUBJECT	ECTS	SEM
1st	Economic Theory I	6	S1
	Fundamentals of Management	6	S1
	Computer Science	6	S1
2nd	Business Management and Organization	6	S1
	Macroeconomic and Monetary Theory	6	S1
	Great Books	6	S1
3rd	Constitutional Law of the EU	9	S1
	Social Doctrine of the Catholic Church	6	S1
	European Union Policies	9	S1
	European Single Market	9	S1
	Commercial Law I	9	S1
	Statistics and Econometrics for Business	9	S1
4th	Financial Accounting	6	S1
	European Competition Law	9	S1
	Political Philosophy and Law	6	S1
	Financial Management	6	S1
	Analysis of Financial Statement	6	S1

YEAR	SUBJECT	ECTS	SEM
1st	Theory of Law	9	S2
	Basic Principles of European Union Law	8	S2
	European Integration History	9	S2
	Fundamentals of Marketing	6	S2
	Economic Theory II	6	S2
2nd	European Legal System	9	S2
	International Public Law	6	S2
	Great Books	6	S2
	Mathematics II	6	S2
	Statistics I	6	S2
3rd	Introduction to Financial Accounting	6	S2
	Social Doctrine of the Catholic Church	6	S2
	EU Law Practicum	6	S2
	Management and Organization II	6	S2
	Cost Accounting	6	S2
4th	Commercial Law II	6	S2
	Business Operations Management	6	S2

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# INSTITUTE OF TECHNOLOGY

## Bachelor Degree in Architecture

YEAR	SUBJECT	ECTS	SEM
1st	Architectural form analysis I	6	S1
	Descriptive geometry I	6	S1
	Introduction to architecture	6	S1
	Fundamentals of mathematics in architecture I	3	S1
	Fundamentals of physics in architecture I	3	S1
	Anthropology	6	S1
	Architectural form analysis II	6	S2
	Descriptive geometry II	6	S2
	Architectural drawing I	6	S2
	Fundamentals of mathematics in architecture II	3	S2
	Fundamentals of physics in architecture II	3	S1 and S2
	History and society	6	S2
	Architectural design I	6	S1
	Architectural drawing II	6	S1
2nd	Solid mechanics	6	S1
	Building construction materials	6	S1
	Urban theory I	3	S1
	History of architecture I	3	S1
	Architectural design II	6	S1
	Drawing and geometry	3	S2
	Fundamentals of mathematics in architecture III	6	S2
	Structural systems	6	S2
	Urban theory II	3	S2
	History of architecture II	6	S2
	Architectural design III	6	S1
	Building construction I	6	S1
	Structural analysis I	3	S1 and S2
	Environmental systems	6	S1
	Urban design I	3	S1

YEAR	SUBJECT	ECTS	SEM
	Great books	6	S1
	Architectural design IV	6	S1
	Building construction II	6	S2
	Structural analysis II	3	S1 and S2
	Electrical and lighting systems	6	S2
	Urban design II	3	S2
	History of architecture III	6	S2
	Architectural design V	6	S1
	Dimensioning of structures	6	S1
	Mechanical systems	6	S1
	Urban planning	3	S1
	History of architecture	3	S1
	Social doctrine of the catholic church	6	S1
	Architectural design VI	6	S2
4th	Building construction analysis	6	S2
	Foundations	3	S2
	Urban planning II	3	S2
	Architectural composition	6	S2
	Modern language	6	S2
	Architectural design VII	6	S1
	Building construction design I	6	S1
	City and territorial planning I	3	S1
	Porfessional practice in architecture I	3	S1
	Advanced courses* (see below)	6	S1
	Architectural innovation workshop	6	S1
	Architectural design VIII	6	S2
	Building construction design II	3	S2
	Design of building structures	6	S2
5th	Design of environmental and mechanical systems	6	S2
	City and territorial planning II	3	S2
	Professional practice in architecture II	6	S2

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# INSTITUTE OF TECHNOLOGY

## Digital Fabrication for Architecture\*

FREEFORM MODELING - M1		
SUBJECT	ECTS	SEM
Rhinoceros basic	3	S1
Rhinoceros advanced	3	S1

MODELING & RENDERING - M2		
SUBJECT	ECTS	SEM
3DMAX modeling	3	S1
3DMAX + Vray rendering	3	S1

DESIGN & MAKE - M3		
SUBJECT	ECTS	SEM
Grasshopper basic	3	S1
Grasshopper advanced	3	S1

BUILDING & MODELING - M4		
SUBJECT	ECTS	SEM
Revit (BIM)	6	S1

GRAPHICS & DESIGN - M5		
SUBJECT	ECTS	SEM
Photoshop	3	S1
Illustrator	1,5	S1
InDesign	1,5	S1

DIGITAL DRAWING - M6		
SUBJECT	ECTS	SEM
Sketch up + digital drawing	4,5	S2
Flash	1,5	S2

DIGITAL FABRICATION - M7		
SUBJECT	ECTS	SEM
CNC, Makerbot, Vinyl, Arduino	6	S2

STRUCTURE & DESIGN - M8		
SUBJECT	ECTS	SEM
Structural dimensioning	3	S2
Structural analysis	3	S2

DIGITAL RESTORATION - M9		
SUBJECT	ECTS	SEM
Mapping	3	S2
Digital archaeology	3	S2

BUILDING & MODELING 2 - M10		
SUBJECT	ECTS	SEM
Revit advanced	6	S2

FREE COURSES S1		
SUBJECT	ECTS	SEM
Digital Manufacturing 1	1	S1
Digital Manufacturing 2	1	S1
Digital Manufacturing 3	0,5	S1

FREE COURSES S2		
SUBJECT	ECTS	SEM
Digital Manufacturing 4	1	S1
Digital Manufacturing 5	1	S1
Digital Manufacturing 6	0,5	S1

\* Non-official Degree. Fee-paying courses

ECTS: European Credit Transfer and Accumulation System | SEM: Semester | S1: Fall Semester | S2: Spring Semester | A: Fall and Spring Semester

# INSTITUTE OF TECHNOLOGY

## Bachelor Degree in Biomedical Engineering

YEAR	SUBJECT	ECTS	SEM
1st	Mathematical Foundations of Biomedical Engineering I	6	S1
	Mathematical Foundations of Biomedical Engineering II	6	S1
	Programming	6	S1
	English*	6	S1
	Chemistry	6	S1
	Waves, Electrostatics and Thermodynamics	6	S2
	History and Society	6	S2
	Algorithms and Data Structures	6	S2
	Mathematical Foundations of Biomedical Engineering III	6	S2
	Fundamentals of Biology*	6	S2
2nd	Dynamical Systems in Biomedical Engineering	6	S1
	Electromagnetism and Optics	6	S1
	Histophysiology *	6	S1
	Biochemistry and Molecular Biology *	6	S1
	Circuit Theory	6	S1
	Signals and Systems	6	S2
	Biostatistics I	6	S2
	Digital Electronics*	6	S2
	Anatomy and Physiology	6	S2
	Databases*	6	S2
3rd	Biostatistics II*	6	S1
	Pathophysiology and General Pathology	6	S1
	Random Signals*	6	S1
	Digital Signal Processing*	6	S1
	Projects in Biomedical Engineering I	6	S1
	Numerical Methods in Biomedical Engineering*	5	S2
	Imaging Techniques in Biomedicine	3	S2

YEAR	SUBJECT	ECTS	SEM
	Digital Systems*	7	S2
	Digital Image Processing*	6	S2
	Computer Architecture and Operating Systems	6	S2
	Projects in Biomedical Engineering II *	3	S2
4th	Genomics and Proteomics*	6	S1
	Telemedicine*	3	S1
	Biomedical Instrumentation *	3	S1
	Systems Biology*	3	S1
	Projects in Biomedical Engineering III *	3	S1
	Practicum *	6	S1
	Social Doctrine of the Church	6	S1
	Bioinformatics*	6	S1
	Biomedical Signals*	6	S2
	Decision Support Systems *	4.5	S2
	Data Mining in Biomedicine *	4.5	S2
	BSc Thesis*	12	S2

Courses marked with (\*) are taught in English, the rest are taught in Spanish. The courses taught in English may vary from year to year; please ask for details about what courses are taught in English each year.

ECTS: European Credit Transfer and Accumulation System | SEM: Semester | S1: Fall Semester | S2: Spring Semester | A: Fall and Spring Semester

# SCHOOL OF PHARMACY

## Bachelor Degree in Pharmacy

YEAR	SUBJECT	ECTS	SEM
1st	General Biology	9	S1
	General Chemistry	9	S1
	Mathematics	6	S1
	Inorganic Chemistry	6	S2
	Introduction to the Chemistry Lab	3	S2
2nd	Anthropology	6	S2
	Organic Chemistry I	6	S1
	Analytical Chemistry	6	S1
	Microbiology	9	S1
	Physical Chemistry	6	S1
	Great Books	6	S2
	Organic Chemistry II	6	S2
	Instrumental Techniques	6	S2
	Biochemistry	12	S2
	Immunology	3	S1
3rd	Parasitology	6	S1
	Food Science	3	S1
	Social Doctrine of the Catholic Church	6	S1
	General Pharmacology	6	S2
	Pharmaceutical Chemistry I	6	S2
	Pharmacology and Pharmacotherapy	6	S1
4th	Nutrition and Dietetics	6	S1
	Pharmaceutical Chemistry II	6	S1
	Clinical Biochemistry (only lab practices in English)	6	S1
	Toxicology	6	S2
	Clinical Pharmacy	6	S2
	End of Career Project (under request)	6	S1 and S2

ECTS: European Credit Transfer and Accumulation System | SEM: Semester

## Bachelor Degree in Biotechnology

YEAR	SUBJECT	ECTS	SEM
1st	General Biology	9	S1
	General Chemistry	9	S1
	Mathematics	6	S1
2nd	Anthropology	6	S2
	Organic Chemistry	9	S1
	Microbiology	9	S1
	Bioinformatics	6	S2
	Great Books	6	S2
	Instrumental Techniques	6	S2
	Biochemistry	12	S2
3rd	Microbial Biotechnology	6	S1
	Molecular Biology (only lab practices in English)	6	S1
	Immunology	3	S1
	Bioanalytical techniques	3	S1
	Social Doctrine of the Catholic Church	6	S1
	Chemistry and Protein Engineering (only lab practices in English)	6	S1
4th	Genetic Engineering	6	S2
	Pharmaceutical Biotechnology Products	9	S1
	Nutrigenomics and Pharmacogenomics	6	S1
	End of Career Project (under request)	6	S1 and S2

ECTS: European Credit Transfer and Accumulation System | SEM: Semester | S1: Fall Semester | S2: Spring Semester | A: Fall and Spring Semester

# SCHOOL OF MEDICINE

## BACHELOR DEGREE IN DENTISTRY

### Practical training

- Latest generation clinical and preclinical facilities where one can gain knowledge and experience in a framework of cutting-edge dentistry.
- Voluntary work experience in dentistry clinics that have an agreement with the University or in our Universit Dental Clinic.
- Patient treatment based on scientific evidence from third year onwards.

### Practical training

- Latest generation clinical and preclinical facilities where one can gain knowledge and experience in a framework of cutting-edge dentist We arrange complementary activities in collaboration with renowned professionals such as seminars, courses, conferences, and congresses.
- We encourage student's scientific production, guiding them towards participation in internal and national congresses.
- Interdisciplinary and comprehensive training in the treatment of oral diseases, thereby promoting teamwork with other health professionals.
- Voluntary work experience in dentistry clinics that have an agreement with the University or in our Universit Dental Clinic.
- Patient treatment based on scientific evidence from third year onwards

First Year	ECTS
Human Anatomy	9
Antropology	6
Biology	6
Biochemistry	6
Physiology	6
History of Dentistry	3
Introduction to Investigation & Statistics	6
Introduction to Dentistry	6
Preventive Dentistry & Public Health	6
Psychology	6

### DETAILS OF OPTIONAL SUBJECTS

Subject	ECTS
Science and Trends in Dentistry	3
Primary Care in Dentistry	3
Management and Marketing of Dentistry Clinics	3
Language II	3
Basics of Healthcare Economics & Management of Medical Resources	3

Second Year	ECTS
Anesthesia & Reanimation	3
Oral Histology & Pathology	6
Biomaterials	6
Surgical Emergencies	3
Medical Emergencies	3
Pharmacology	6
Physiopathology & Surgial Basics	3
Social Doctrine of the Church	6
Modern Language	6
Immunology	3
Microbiology	3
General Pathology	6
Basic Periodontics	6

Third Year	ECTS
Gerodontology	2
Odontopediatry I	6
Orthodontics I	6
Orthodontics II	6
Dentistry for Special Patients	4
Surgical Oral Pathology I	6
Surgical Oral Pathology II	6
Pathology & Dental Therapeutics I	6
Pathology & Dental Therapeutics II	6
Prosthesis I	6
Prosthesis II	6

Fourth Year	ECTS
Pediatric Oral Surgery	6
Implantology	4
Esthetic Dentistry	3
Odontopediatry II	6
Orthodontics III	3
Orthodontics IV	3
Oral Medical Pathology I	3
Oral Medical Pathology II	3
Pathology & Dental Therapeutics III	6
Pathology & Dental Therapeutics IV	6
Advanced Periodontics	2
Prosthesis III	6
Prosthesis IV	6
Implant Prothesis	3

Fifth Year	ECTS
Maxillofacial Surgery	3
Forensic Dentistry	3
Integrated Dental Clinic I	12
Integrated Dental Clinic II	12
Advances in Temporomandibular Joint (TMJ) pathology	3
Ethics & Deontology	3
Community Dentistry	6
Radiology	3
Final Year Project I	3
Final Year Project II	3
Optional Subjects*	6

ECTS: European Credit Transfer and Accumulation System

# SCHOOL OF MEDICINE

## BACHELOR DEGREE IN PHYSIOTHERAPY

### Presentation

The CEU San Pablo University of Madrid started to offer university studies in Physiotherapy in 1998. As a result of our experience and adapting the studies to the European Higher Education Area, we have offered the Degree in Physiotherapy since 2010, a degree that lasts four years and is worth 240 ECTS credits. Work experience carried out in different hospitals and specialised clinics is undertaken throughout the four years of studies, with the aim to develop clinical skills and the integration of the student in the working world. In order to carry out their studies, each student is designated with a tutor who will advise them and guide them personally throughout the course of their academic progress.

### Objective of this Degree

The objective of the Degree in Physiotherapy is to provide our students with all of the necessary training to be able to perform numerous tasks as a physiotherapist, be that in the private sector (doctor's surgeries and clinics) or the public one (hospital network, social and health services, etc.), both nationally and internationally. Over the last few years, the demand for professionals in this sector has increased in order to cover the needs of a population that suffers occupational and traffic accidents, but which additionally, and thanks to the advances achieved, has a greater life expectancy rate therefore presenting a greater number and longer duration of chronic diseases. At our university, we are responsible for giving our students an excellent theoretical and practical training so that they are capable of taking care of their future patients in an optimum way and can develop a successful professional career.

First Year	ECTS	Second Year	ECTS	Third Year	ECTS	Fourth Year	ECTS
Anatomy of the Locomotor System	6	Practical Basis of Kinesitherapy	3	Medical & Surgical Conditions III	6	Physiotherapy in Obstetrics and Genital and Urinary Systems	3
Biology	6	General Pathology	6	Clinical Integration	4.5	Physiotherapy in Physical Activity and Sport	3
Anthropology	6	Physical Agents III	6	Physiotherapy in Diseases of the Central and Peripheral Nervous System	3	Physiotherapy in Geriatrics	3
Physiology	6	Statistics Applied to Health Sciences	6	Physiotherapy in Diseases of the Cardio-Respiratory System	3	Physiotherapy in Temporo-Mandibular dysfunction	3
Foundation of Physiotherapy	6	Psychosocial Sciences Applied to Physiotherapy	6	Physiotherapy in Diseases of the Cardiovascular System	3	Skeletal muscle physiotherapy techniques	3
General Anatomy I	3	Medical and Surgical Conditions I	3	Specific Methods in Adult Neurology	4.5	Social Doctrine of the Catholic Church	6
General Anatomy II	3	Public Health	3	Specific Methods in Infant Neurology	4.5	Physiotherapy Management	3
Biophysics	3	Specific Methods in Traumatology and Orthopaedics	4.5	Specific Methods in Circulatory Diseases	3.5	Prevention in Physiotherapy	3
Assessment in Physiotherapy	6	Manual Therapy I	4.5	Manual Therapy II	4.5	Final Year Project	6
Physical Agents I	4	Physiotherapy in Trauma and Orthopaedic Processes	6	Medical and Surgical Conditions IV	5.5	Clinical Practice III	18
Physical Agents II	4	Medical and Surgical Conditions II	3	Specific Methods in Diseases of the Cardio-Respiratory System	3.5	Clinical Practice IV	18
Principles of Kinesitherapy	4	Modern Languages	6	Legislation and Deontology in Physiotherapy	3		
Study of the Human Movement	3	Clinical Practice	3	Health Complementary Techniques	3.5		
				Clinical practice II	5		
				Research in Health Sciences	3		

ECTS: European Credit Transfer and Accumulation System



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