

CIVIL ENGINEERING (2021-22)

Código: D081	Fecha de aprobación: 02/04/2015	Precio: 19,27 1st registration credits
Créditos: 120	Título: Master (ECTS)	

RAMA

Engineering and Architecture

PLAN

UNIVERSITY MASTER'S DEGREE IN CIVIL ENGINEERING

TIPO DE ENSEÑANZA

Face-to-face

CENTROS DONDE SE IMPARTE

Polytechnic School

ESTUDIO IMPARTIDO CONJUNTAMENTE CON

Solo se imparte en esta universidad

FECHAS DE EXAMEN

[Acceda al listado de fechas de examen para esta titulación.](#)

PLAN DE ESTUDIOS OFERTADO EN EL CURSO 2021-22

Nodo inicial:

Leyenda: No ofertada Sin docencia

MASTER'S DEGREE IN CIVIL ENGINEERING

COMPULSORY SUBJECTS

96 créditos

Curso	Título	Créditos	Subject
1	COMPULSORY	4,50	49400 - ADVANCED DIFFERENTIAL CALCULUS
1	COMPULSORY	3	49401 - FIELD THEORY
1	COMPULSORY	6	49404 - MECHANICS OF CONTINUOUS MEDIA I
1	COMPULSORY	6	49405 - MECHANICS OF CONTINUOUS MEDIA II
1	COMPULSORY	6	49406 - GEOTECHNICAL ENGINEERING
1	COMPULSORY	4,50	49407 - ADVANCED DESIGN OF CONCRETE STRUCTURES
1	COMPULSORY	6	49408 - MIXED METAL AND CONSTRUCTION
1	COMPULSORY	6	49409 - HYDROLOGIC ENGINEERING
1	COMPULSORY	6	49411 - MARITIME ENGINEERING
1	COMPULSORY	6	49413 - ENGINEERING AND TRANSPORT INFRASTRUCTURE
2	COMPULSORY	3	49403 - NUMERICAL MODELLING IN CIVIL ENGINEERING
2	COMPULSORY	4,50	49410 - WATER TREATMENT TECHNOLOGIES
2	COMPULSORY	6	49412 - URBAN AND REGIONAL PLANNING
2	COMPULSORY	4,50	49414 - RESEARCH, DEVELOPMENT AND INNOVATION IN CIVIL ENGINEERING
2	COMPULSORY	4,50	49415 - MANAGEMENT, PLANNING AND PROJECT MANAGEMENT AND WORKS
2	COMPULSORY	3	49416 - PROJECT WORKSHOP
2	COMPULSORY	4,50	49443 - SIMULATION AND OPTIMIZATION IN CIVIL ENGINEERING
2	END OF MASTER WORK	12	49444 - MASTER'S FINAL WORK

OPTIONAL SUBJECTS

24 créditos

Curso	Título	Créditos	Subject
1	OPTIONAL	3	49435 - GIS APPLIED TO CIVIL ENGINEERING
1	OPTIONAL	3	49436 - GEOTECHNICAL CONDITIONS
1	OPTIONAL	3	49437 - PROFESSIONAL LEGISLATION AND MANAGEMENT IN CIVIL ENGINEERING
1	OPTIONAL	3	49438 - SPECIAL STRUCTURAL ELEMENTS DESIGN IN CIVIL ENGINEERING
1	OPTIONAL	3	49439 - DURABILITY AND SUSTAINABILITY STRATEGIES MATERIALS AND STRUCTURES
1	OPTIONAL	3	49440 - BEHAVIOR OF STRUCTURES VS. TEMPERATURE EXTREMES
1	OPTIONAL	3	49441 - HISTORY AND HERITAGE OF CIVIL ENGINEERING
1	OPTIONAL	3	49442 - INTERSECTION DESIGN
1	OPTIONAL	3	49445 - TOOLS FOR THE CONTEMPORARY TERRITORIAL STRATEGY
2	OPTIONAL	3	49417 - DESIGN AND CONSTRUCTION OF BRIDGES
2	OPTIONAL	3	49418 - DESIGN AND CONSTRUCTION OF TUNNELS
2	OPTIONAL	3	49419 - EARTHQUAKE RESISTANT CONSTRUCTION
2	OPTIONAL	3	49420 - ENLARGEMENT, STRUCTURAL REPAIR AND REINFORCEMENT
2	OPTIONAL	3	49421 - NEW CONSTRUCTION MATERIALS
2	OPTIONAL	3	49422 - LINEAR GEOTECHNICAL WORKS
2	OPTIONAL	3	49423 - MAINTENANCE AND OPERATION OF WATERWORKS
2	OPTIONAL	3	49424 - COASTAL PROCESSES AND COASTAL PERFORMANCES
2	OPTIONAL	3	49425 - URBAN HYDRAULIC ENGINEERING
2	OPTIONAL	3	49426 - SOIL DECONTAMINATION
2	OPTIONAL	3	49427 - MODELLING IN RIVER ENGINEERING
2	OPTIONAL	3	49428 - MANAGEMENT AND OPERATION OF WWTP
2	OPTIONAL	3	49429 - MARITIME TRAFFIC AND PORT PLANNING
2	OPTIONAL	3	49430 - LOGISTICS AND FREIGHT
2	OPTIONAL	3	49431 - MODELLING IN TRAFFIC ENGINEERING
2	OPTIONAL	3	49432 - OPERATION AND MAINTENANCE OF RAILWAYS
2	OPTIONAL	3	49433 - REQUESTS FOR MOBILITY STUDIES
2	OPTIONAL	3	49434 - CONTEMPORARY MODELS OF URBAN DEVELOPMENT

Superado este bloque se obtiene
MASTER'S DEGREE IN CIVIL ENGINEERING

TUITION CONDITIONED

TUITION CONDITIONED

SPECIALITY 1 STRUCTURAL ENGINEERING AND CONSTRUCTION

OPTIONAL SUBJECTS. SPECIALITY 1

18 créditos

Curso	Título	Créditos	Subject
2	OPTIONAL	3	49417 - DESIGN AND CONSTRUCTION OF BRIDGES
2	OPTIONAL	3	49418 - DESIGN AND CONSTRUCTION OF TUNNELS
2	OPTIONAL	3	49419 - EARTHQUAKE RESISTANT CONSTRUCTION
2	OPTIONAL	3	49420 - ENLARGEMENT, STRUCTURAL REPAIR AND REINFORCEMENT
2	OPTIONAL	3	49421 - NEW CONSTRUCTION MATERIALS
2	OPTIONAL	3	49422 - LINEAR GEOTECHNICAL WORKS

Superado este bloque se obtiene

SPECIALITY 1 STRUCTURAL ENGINEERING AND CONSTRUCTION

SPECIALITY 2 ENGINEERING WATER, ENERGY AND ENVIRONMENT

OPTIONAL SUBJECTS. SPECIALITY 2

18 créditos

Curso	Título	Créditos	Subject
2	OPTIONAL	3	49423 - MAINTENANCE AND OPERATION OF WATERWORKS
2	OPTIONAL	3	49424 - COASTAL PROCESSES AND COASTAL PERFORMANCES
2	OPTIONAL	3	49425 - URBAN HYDRAULIC ENGINEERING
2	OPTIONAL	3	49426 - SOIL DECONTAMINATION
2	OPTIONAL	3	49427 - MODELLING IN RIVER ENGINEERING
2	OPTIONAL	3	49428 - MANAGEMENT AND OPERATION OF WWTP

Superado este bloque se obtiene

SPECIALITY 2 ENGINEERING WATER, ENERGY AND ENVIRONMENT

SPECIALITY 3 TRANSPORTATION ENGINEERING AND TERRITORY

OPTIONAL SUBJECTS. SPECIALITY 3

18 créditos

Curso	Título	Créditos	Subject
2	OPTIONAL	3	49429 - MARITIME TRAFFIC AND PORT PLANNING
2	OPTIONAL	3	49430 - LOGISTICS AND FREIGHT
2	OPTIONAL	3	49431 - MODELLING IN TRAFFIC ENGINEERING
2	OPTIONAL	3	49432 - OPERATION AND MAINTENANCE OF RAILWAYS
2	OPTIONAL	3	49433 - REQUESTS FOR MOBILITY STUDIES
2	OPTIONAL	3	49434 - CONTEMPORARY MODELS OF URBAN DEVELOPMENT

Superado este bloque se obtiene


SPECIALITY 3 TRANSPORTATION ENGINEERING AND TERRITORY

- [Verified Report](#)
- [Resolution from the Universities Council: Positive verification](#)
- [Resolution from the Universities Council \(CU\): Accreditation renewal](#)
- [Authorization from the Valencian Government](#)

Internal Quality Assurance System (SGIC) of the Title

- Structure of the Centre for Quality
 - [Comission of Internal Quality Guarantee](#)
 - [Other Commissions](#)
- [Handbook SGIC](#)
- [Procedures](#)
 - [Strategic \(PE\)](#)
 - [Key \(PC\)](#)
 - [Support \(PA\)](#)
 - [Measurement \(PM\)](#)
- [Management of the SGIC \(Access to ASTUA\)](#)

Follow-up of the Title

- [International quality label](#) 
- [Self-reports UA](#)
- [External reports AVAP](#)
- [Other reports](#)
- [Improvement Plans](#)
- [Progress and Learning Outcomes](#)

Information about the Centre	General information for students
<ul style="list-style-type: none"> • Polytechnic University College <p>Campus de San Vicente del Raspeig Ctra. de Alicante s/n 03690 San Vicente del Raspeig (Alicante) Telephone:+ 34 96 590 3648 Fax:+ 34 96 590 3644 eps@ua.es http://www.eps.ua.es</p> <ul style="list-style-type: none"> • Life Long Learning Centre (ContinUA) <p>Only for pre-enrolment formalities</p> <p>Germán Bernácer Building. Ground Floor Telephone: + 34 96 590 9422 Fax: + 34 96 590 9442 continua@ua.es https://web.ua.es/en/continua/</p>	<ul style="list-style-type: none"> • Grants and assistance • Accommodation • Student refectories and cafeterias • Transport • Emergency medical care • Insurance • Services for students with special needs • Student representation and participation • University student identity card (TIU) • Frequently asked questions
UA: General Regulations	+ Information about qualifications
<ul style="list-style-type: none"> • Academic regulations and procedures of the University of Alicante 	<ul style="list-style-type: none"> • Official State Gazette (BOE) on publication of course programmes • Own Web • Information pamphlet • Details title on the RUCT