

## CIVIL ENGINEERING (2018-19)

<b>Código:</b> D081	<b>Fecha de aprobación:</b> 26/12/2014	<b>Precio:</b> 20,27 1st registration credits
<b>Créditos:</b> 120	<b>Título:</b> 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 2018-19

Leyenda: No ofertada Sin docencia

### MASTER'S DEGREE IN CIVIL ENGINEERING

#### COMPULSORY SUBJECTS

96 créditos

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

#### OPTIONAL SUBJECTS

24 créditos

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

Superado este bloque se obtiene

**MASTER'S DEGREE IN CIVIL ENGINEERING**

### SPECIALITY 1 STRUCTURAL ENGINEERING AND CONSTRUCTION

#### OPTIONAL SUBJECTS. SPECIALITY 1

18 créditos

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

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	<a href="#">49423 - MAINTENANCE AND OPERATION OF WATERWORKS</a>
2	OPTIONAL	3	<a href="#">49424 - COASTAL PROCESSES AND COASTAL PERFORMANCES</a>
2	OPTIONAL	3	<a href="#">49425 - URBAN HYDRAULIC ENGINEERING</a>
2	OPTIONAL	3	<a href="#">49426 - SOIL DECONTAMINATION</a>
2	OPTIONAL	3	<a href="#">49427 - MODELLING IN RIVER ENGINEERING</a>
2	OPTIONAL	3	<a href="#">49428 - MANAGEMENT AND OPERATION OF WWTP</a>

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	<a href="#">49429 - MARITIME TRAFFIC AND PORT PLANNING</a>
2	OPTIONAL	3	<a href="#">49430 - LOGISTICS AND FREIGHT</a>
2	OPTIONAL	3	<a href="#">49431 - MODELLING IN TRAFFIC ENGINEERING</a>
2	OPTIONAL	3	<a href="#">49432 - OPERATION AND MAINTENANCE OF RAILWAYS</a>
2	OPTIONAL	3	<a href="#">49433 - REQUESTS FOR MOBILITY STUDIES</a>
2	OPTIONAL	3	<a href="#">49434 - CONTEMPORARY MODELS OF URBAN DEVELOPMENT</a>

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

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- [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

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