

GEOLOGICAL ENGINEERING (2024-25)

Código: D088	Fecha de aprobación: 02/04/2015	Precio: 17,34 1st registration credits
Créditos: 90	Título: Master (ECTS)	

RAMA

Engineering and Architecture

PLAN

MASTER'S DEGREE IN GEOLOGICAL 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 2024-25

Nodo inicial:

Leyenda: No ofertada Sin docencia

MASTER IN GEOLOGICAL ENGINEERING

COMPULSORY SUBJECTS

63 créditos

Curso	Título	Créditos	Subject
1	COMPULSORY	4,50	49600 - CONTINUUM MECHANICS
1	COMPULSORY	4,50	49602 - GEOTECHNICAL STRUCTURES TECHNOLOGY
1	COMPULSORY	4,50	49612 - MATHEMATICAL MODELS IN ENGINEERING GEOLOGY
1	COMPULSORY	3	49613 - ADVANCED SOIL MECHANICS
1	COMPULSORY	4,50	49614 - MECHANICS OF ROCKS APPLIED TO ENGINEERING
1	COMPULSORY	3	49615 - HYDROGEOLOGY APPLIED TO ENGINEERING GEOLOGICAL
1	COMPULSORY	3	49616 - SEISMOLOGY APPLIED TO ENGINEERING GEOLOGY
1	COMPULSORY	3	49617 - GEOPHYSICAL PROSPECTING TECHNIQUES
1	COMPULSORY	3	49618 - GEOLOGICAL-ENVIRONMENTAL ENGINEERING
1	COMPULSORY	3	49620 - EARTHQUAKE ENGINEERING
1	COMPULSORY	3	49621 - SPECIAL GEOTECHNICAL ACTIONS
1	COMPULSORY	3	49622 - TUNNELS AND UNDERGROUND WORKS
1	COMPULSORY	3	49623 - INSTRUMENTATION IN ENGINEERING GEOLOGY
2	COMPULSORY	4,50	49619 - GEOGRAPHIC INFORMATION SYSTEMS AND SPATIAL PLANNING
2	COMPULSORY	3	49624 - DRAFT BLASTING AND DRILLING
2	COMPULSORY	4,50	49635 - PROJECT MANAGEMENT AND ENGINEERING GEOLOGY WORKS
2	COMPULSORY	6	49636 - RESEARCH TECHNIQUES IN ENGINEERING GEOLOGY

OPTIONAL SUBJECTS

15 créditos

Curso	Título	Créditos	Subject
1	OPTIONAL	3	49625 - STABILITY OF SLOPES AND HILLSIDES
1	OPTIONAL	3	49626 - GEOTECHNICAL MODELLING
1	OPTIONAL	3	49627 - ROAD GEOTECHNICAL
1	OPTIONAL	3	49628 - GEOTECHNICAL HYDRAULIC AND MARITIME
1	OPTIONAL	3	49629 - PATHOLOGY AND REPAIR OF GEOTECHNICAL CONSTRUCTIONS
1	OPTIONAL	3	49630 - ECONOMIC GEOLOGY
1	OPTIONAL	3	49631 - ORNAMENTAL ROCKS
1	OPTIONAL	3	49632 - GEOLOGY AND DEEP STORAGE RESERVOIRS
1	OPTIONAL	3	49633 - EXPLORATION AND EXTRACTION OF GROUNDWATER
1	OPTIONAL	3	49634 - HYDROGEOCHEMISTRY AND TRANSPORT OF POLLUTANTS IN AQUIFERS

MASTER FINAL WORK

12 créditos

Curso	Título	Créditos	Subject
2	END OF MASTER WORK	12	49637 - MASTER'S THESIS

Superado este bloque se obtiene

MASTER IN GEOLOGICAL ENGINEERING

CONDICIONADA

CONDICIONADA

SPECIALTY 1. GEOTECHNICAL ENGINEERING

OPTIONAL SUBJECTS

15 créditos

Curso	Título	Créditos	Subject
1	OPTIONAL	3	49625 - STABILITY OF SLOPES AND HILLSIDES
1	OPTIONAL	3	49626 - GEOTECHNICAL MODELLING
1	OPTIONAL	3	49627 - ROAD GEOTECHNICAL
1	OPTIONAL	3	49628 - GEOTECHNICAL HYDRAULIC AND MARITIME
1	OPTIONAL	3	49629 - PATHOLOGY AND REPAIR OF GEOTECHNICAL CONSTRUCTIONS

Superado este bloque se obtiene

SPECIALTY 1. GEOTECHNICAL ENGINEERING

SPECIALTY 2. GEOLOGICAL RESOURCES

OPTIONAL SUBJECTS

15 créditos

Curso	Título	Créditos	Subject
1	OPTIONAL	3	49630 - ECONOMIC GEOLOGY
1	OPTIONAL	3	49631 - ORNAMENTAL ROCKS
1	OPTIONAL	3	49632 - GEOLOGY AND DEEP STORAGE RESERVOIRS
1	OPTIONAL	3	49633 - EXPLORATION AND EXTRACTION OF GROUNDWATER
1	OPTIONAL	3	49634 - HYDROGEOCHEMISTRY AND TRANSPORT OF POLLUTANTS IN AQUIFERS

Superado este bloque se obtiene

SPECIALTY 2. GEOLOGICAL RESOURCES

- [Verified Report](#)
- [Resolution from the Universities Council: Positive verification](#)
- [Resolution from the Universities Council: 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

- [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