

CHEMICAL ENGINEERING (2021-22)

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|------------------------|-------------------------------------------|-----------------------------------------------------|
| Código: D089 | Fecha de aprobación: 26/12/2014 | Precio: 19,27 1st registration credits |
| Créditos: 90 | Título: Master (ECTS) | |

RAMA

Engineering and Architecture

PLAN

UNIVERSITY MASTER'S DEGREE IN CHEMICAL 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

EMPTY

EMPTY

MASTER IN CHEMICAL ENGINEERING

COMPULSORY SUBJECTS 63 créditos

| Curso | Título | Créditos | Subject |
|-------|------------|----------|---------------------------------------------------------------------------------------|
| 1 | COMPULSORY | 6 | 43260 - TRANSPORT PHENOMENA |
| 1 | COMPULSORY | 6 | 43261 - ADVANCED SEPARATION TECHNOLOGY |
| 1 | COMPULSORY | 6 | 43262 - PILOT PLANT LABORATORY |
| 1 | COMPULSORY | 4,50 | 43263 - ADVANCED CHEMICAL REACTORS |
| 1 | COMPULSORY | 4,50 | 43264 - PROCESS CONTROL AND INSTRUMENTATION |
| 1 | COMPULSORY | 3 | 43265 - SUPPLIES, PRODUCTS AND WASTES |
| 1 | COMPULSORY | 6 | 43266 - SYSTEMATIC METHODS FOR CHEMICAL PROCESS SYNTHESIS |
| 1 | COMPULSORY | 6 | 43267 - INTEGRATED MANAGEMENT AND INDUSTRIAL SAFETY |
| 1 | COMPULSORY | 6 | 43268 - PLANNING, LOGISTICS AND ORGANISATION IN THE CHEMICAL INDUSTRY |
| 2 | COMPULSORY | 3 | 43277 - R&D MANAGEMENT IN THE CHEMICAL INDUSTRY |
| 2 | COMPULSORY | 12 | 43279 - INTERNSHIPS |

OPTIONAL SUBJECTS 12 créditos

| Curso | Título | Créditos | Subject |
|-------|----------|----------|--------------------------------------------------------------------------------------------------|
| 1 | OPTIONAL | 3 | 43269 - ADVANCED THERMODYNAMICS OF PHASE EQUILIBRIA |
| 1 | OPTIONAL | 3 | 43270 - PLASTIC MATERIALS. ADVANCES IN TODAY'S PLASTIC INDUSTRIES |
| 1 | OPTIONAL | 3 | 43271 - COMPUTATIONAL METHODS IN CHEMICAL ENGINEERING |
| 1 | OPTIONAL | 3 | 43272 - ADVANCED GRAPHICAL COMPUTER AIDED DESIGN FOR CHEMICAL PLANTS |
| 1 | OPTIONAL | 3 | 43273 - ADVANCED TREATMENT OF EMISSIONS, DISCHARGES AND WASTE |
| 1 | OPTIONAL | 3 | 43274 - PERFORMANCE IN SERVICE AND MATERIALS SELECTION FOR THE CHEMICAL INDUSTRY |
| 1 | OPTIONAL | 3 | 43275 - STOCHASTIC AND MULTIVARIATE MODELLING |
| 1 | OPTIONAL | 3 | 43276 - ADVANCES IN NANOTECHNOLOGY |

MASTER FINAL WORK 15 créditos

| Curso | Título | Créditos | Subject |
|-------|--------------------|----------|-------------------------------------------|
| 2 | END OF MASTER WORK | 15 | 43278 - MASTER FINAL WORK |

Superado este bloque se obtiene
MASTER IN CHEMICAL ENGINEERING

MASTER IN CHEMICAL ENGINEERING

COMPULSORY SUBJECTS 63 créditos

| Curso | Título | Créditos | Subject |
|-------|------------|----------|---------------------------------------------------------------------------------------|
| 1 | COMPULSORY | 6 | 43260 - TRANSPORT PHENOMENA |
| 1 | COMPULSORY | 6 | 43261 - ADVANCED SEPARATION TECHNOLOGY |
| 1 | COMPULSORY | 6 | 43262 - PILOT PLANT LABORATORY |
| 1 | COMPULSORY | 4,50 | 43263 - ADVANCED CHEMICAL REACTORS |
| 1 | COMPULSORY | 4,50 | 43264 - PROCESS CONTROL AND INSTRUMENTATION |
| 1 | COMPULSORY | 3 | 43265 - SUPPLIES, PRODUCTS AND WASTES |
| 1 | COMPULSORY | 6 | 43266 - SYSTEMATIC METHODS FOR CHEMICAL PROCESS SYNTHESIS |
| 1 | COMPULSORY | 6 | 43267 - INTEGRATED MANAGEMENT AND INDUSTRIAL SAFETY |
| 1 | COMPULSORY | 6 | 43268 - PLANNING, LOGISTICS AND ORGANISATION IN THE CHEMICAL INDUSTRY |
| 1 | COMPULSORY | 3 | 43277 - R&D MANAGEMENT IN THE CHEMICAL INDUSTRY |
| 2 | COMPULSORY | 12 | 43279 - INTERNSHIPS |

OPTIONAL SUBJECTS 9 créditos

| Curso | Título | Créditos | Subject |
|-------|--------|----------|---------|
|-------|--------|----------|---------|

| 1 | OPTIONAL | 3 | 43269 - ADVANCED THERMODYNAMICS OF PHASE EQUILIBRIA |
|--------------------------|--------------------|----------|--------------------------------------------------------------------------------------------------|
| 1 | OPTIONAL | 3 | 43270 - PLASTIC MATERIALS. ADVANCES IN TODAY'S PLASTIC INDUSTRIES |
| 1 | OPTIONAL | 3 | 43271 - COMPUTATIONAL METHODS IN CHEMICAL ENGINEERING |
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| 1 | OPTIONAL | 3 | 43273 - ADVANCED TREATMENT OF EMISSIONS, DISCHARGES AND WASTE |
| 1 | OPTIONAL | 3 | 43274 - PERFORMANCE IN SERVICE AND MATERIALS SELECTION FOR THE CHEMICAL INDUSTRY |
| 1 | OPTIONAL | 3 | 43275 - STOCHASTIC AND MULTIVARIATE MODELLING |
| 1 | OPTIONAL | 3 | 43276 - ADVANCES IN NANOTECHNOLOGY |
| MASTER FINAL WORK | | | |
| | | | 18 créditos |
| Curso | Título | Créditos | Subject |
| 2 | END OF MASTER WORK | 18 | 43280 - MASTER'S DEGREE FINAL PROJECT |

Superado este bloque se obtiene

MASTER IN CHEMICAL ENGINEERING

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