

Among the world's best 500 universities in the area of Life Sciences and Medicine **-QS World University Ranking by Subject-**.

The UAH is Spain's second best public university for teaching quality **-CYD Ranking-**.

First Spanish university to earn 5 stars according to international quality accreditation system **-QS Stars University Ratings-** (International Accreditation).

Among the World's Top Universities **-QS World University Ranking-** and **-Times Higher Education World University Ranking-**.

Top Spanish University for Employability **-MECD Report on University Student's Labour Insertion-**.

Among the World's Top Universities for Employability **-QS Graduate Employability Ranking-**.

Among the best universities in the world in Urban Campuses and Energy and Climate Change **-UI Greenmetric World University-**.

Campus of International Excellence in Smart Energy.

## PROFESSIONAL OPPORTUNITIES

- Chemistry.
- Energy technician.
- Waste treatment and management.
- Clinical analysis technician.
- Food safety and hygiene technician.
- Environmental professional activities: environmental consulting and audit, pollution prevention and control, etc.
- Oenology.
- Forensic research.
- Teaching in secondary schools, ongoing education centres, private schools, and universities.



## FACULTY OF BIOLOGY, ENVIRONMENTAL SCIENCES, AND CHEMISTRY

### SCIENCE AND TECHNOLOGY CAMPUS

Ctra. Madrid-Barcelona, km 33,600  
28805 Alcalá de Henares (Madrid)

[biologiencienciasambientalesyquimica.uah.es](http://biologiencienciasambientalesyquimica.uah.es)



#### INFORMATION CENTRE

900 900 411

[www.uah.es](http://www.uah.es)

[ciu@uah.es](mailto:ciu@uah.es)

  /UniversidadDeAlcala

  @UAHes

Degree in

# CHEMISTRY

Field of Knowledge:  
Sciences

WORLD HERITAGE



## GLOBAL CREDIT DISTRIBUTION

TYPE OF SUBJECT	ECTS
Basic training (Basic)	60,0
Compulsory (COM)	132,0
Optional (OP)	36,0
Cross-curricular	12,0
<b>TOTAL ECTS</b>	<b>240,0</b>

The updated offer of optional matters is available on the website of the Centre

Basic: Basic training;  
COM: Compulsory; OP: Optional

## COURSE PROGRAMME

FIRST YEAR	FIRST TERM			SECOND TERM		
		Type	ECTS		Type	ECTS
					Basic	12,0
					Basic	12,0
					Basic	9,0
		Basic	9,0	Numerical Calculus and Applied Statistics	Basic	6,0
	Basic	6,0	Chemical Bonds and Material Structures	Basic	6,0	
	<b>TOTAL ECTS</b>			<b>60,0</b>		

SECOND YEAR	FIRST TERM			SECOND TERM		
		Type	ECTS		Type	ECTS
					COM	15,0
					COM	12,0
					COM	12,0
		COM	6,0	Physical and Nuclear Chemistry	COM	6,0
			Biochemistry	COM	9,0	
	<b>TOTAL ECTS</b>			<b>60,0</b>		

THIRD YEAR	FIRST TERM			SECOND TERM		
		Type	ECTS		Type	ECTS
					COM	12,0
					COM	12,0
		COM	6,0	Introduction to Organic Synthesis	COM	6,0
		COM	6,0	Chemical Engineering	COM	9,0
			Materials Science	COM	6,0	
	<b>TOTAL ECTS</b>			<b>60,0</b>		

FOURTH YEAR	FIRST TERM			SECOND TERM		
		Type	ECTS		Type	ECTS
					OP	18,0
						12,0
					OP	18,0
				Undergraduate Dissertation	COM	12,0
	<b>CRÉDITOS TOTALES</b>			<b>60,0</b>		