

2nd best Spanish public university in the area of Civil Engineering -**U Multirank**- (ranking backed by European Commission)

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

The UAH is Spain's second best public university for teaching quality -**CYD 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 -**BIOENERGY & SMART CITIES**-.

PROFESSIONAL OPPORTUNITIES

- Management of building or rehabilitation projects.
- Adaptation to new requirements of sustainability and energy efficiency and optimisation of facilities.
- Building diagnostics and surveys.
- Restoration and conservation of Historical Heritage.
- Devising activity, reform, decoration, demolition projects, etc.
- Project Management / Facility Management.
- Research and development of technological innovations.

These professional opportunities can be developed both in the public and private sectors, as well as freelance.



Universidad
de Alcalá

SCHOOL OF ARCHITECTURE

GUADALAJARA CAMPUS EDIFICIO MULTIDEPARTAMENTAL

Calle Cifuentes, 28
19003 Guadalajara

arquitectura.uah.es



INFORMATION CENTRE

900 900 411

www.uah.es

ciu@uah.es

  /UniversidadDeAlcala

  @UAHes

Degree in

BUILDING SCIENCE AND TECHNOLOGY

Field of Knowledge:
Architecture and Engineering

WORLD HERITAGE



Universidad
de Alcalá

GLOBAL CREDIT DISTRIBUTION

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

SPECIALITIES

INTERVENTION IN HERITAGE:

- Intervention in the Structural Systems of Built Heritage.
- Intervention Techniques in Built Heritage.
- Diagnosis in Intervention in Built Heritage.

SUSTAINABILITY AND TECHNOLOGICAL INNOVATION:

- Environmental Rehabilitation. Construction Systems and Materials of Low Environmental Impact.
- Environmental Rehabilitation and Energy Efficiency.

CONSTRUCTION PROCESS MANAGEMENT:

- Site Management and Economic Production
- Introduction to Project and Facility Management.

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
	Fundamentals of Mathematics (Annual)			Basic 10,5		
	Fundamentals of Physics	Basic	9,0	Graphic Expression II	Basic	6,0
	Graphic Expression I	Basic	9,0	Topography	COM	6,0
Geology	Basic	6,0	Building I	COM	6,0	
			Business	Basic	7,5	
TOTAL ECTS			60,0			

SECOND YEAR	FIRST TERM			SECOND TERM		
		Type	ECTS		Type	ECTS
	Materials I	COM	6,0	Facilities	COM	6,0
	Fundamentals of Facilities	Basic	6,0	Law	Basic	6,0
	Structures I	COM	6,0	Structures II	COM	6,0
Geotechnics and Foundations	COM	6,0	Materials II	COM	6,0	
Building II	COM	6,0	Building Practices	COM	6,0	
TOTAL ECTS			60,0			

THIRD YEAR	FIRST TERM			SECOND TERM		
		Type	ECTS		Type	ECTS
	Budgets and Economic Control	COM	6,0	Evaluations and Expert Reports	COM	6,0
	Safety and Prevention	COM	9,0	Quality	COM	6,0
	Town Planning Organisation and Management	COM	9,0	Technical Projects	COM	9,0
Building III	COM	6,0	Intervention in Building	COM	9,0	
TOTAL ECTS			60,0			

FOURTH YEAR	FIRST / SECOND TERM		Tip	ECTS
	Cross-curricular I			6,0
	Cross-curricular II			6,0
	Optional Subject 1		OP	9,0
	Optional Subject 2		OP	9,0
	External Placement or Optional Subjects 3 and 4		OP	18,0
Undergraduate Dissertation		COM	12,0	
TOTAL ECTS			60,0	