



Universidad
de Alcalá

INTERNATIONAL PROGRAMME ON COMPUTER SCIENCE

Polytechnic School

WELCOME

The International Programme on Computer Science at the Polytechnic School of the UAH is a bilingual undergraduate programme that provides a general view of Computer Science.

WE OFFER

Upon successful completion of the programme requirements, students will receive, in addition to their official transcript of grades, an official certificate of completion indicating that they have taken the International Programme on Computer Science.

The program can be taken in the 1st or 2nd semester. Optionally, students can take the full academic year.

More info:

<https://bit.ly/3eDCHJu>

sdeps.internacional@uah.es



INTERNATIONAL PROGRAM ON COMPUTER SCIENCE

PROGRAM DESCRIPTION

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ACADEMIC CALENDAR

The program can be taken on 1st or 2nd semester:

Fall semester (1st semester)

Start date of teaching: September 9

End date of teaching: December 20

Regular exam period¹: January 8 – January 20

Spring semester (2nd semester)

Start date of teaching: January 23

End date of teaching: May 14

Exam period¹: May 19 – May 21

(1) Attendance to exams in person is compulsory

LEARNING MODE OF STUDY:

Face-to-face	Number of ECTS	30-60
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SYLLABUS

Period	Course name	Course code	ECTS
1	Data Structures	780009	6
1	Advanced Operating Systems	780012	6
1	Databases	780016	6
1	Computer Network Architectures	780011	6
2	Project Management	780022	6
2	Software Engineering	780015	6
2	Advanced Databases	780020	6
2	Computer networks	780017	6
2	Advanced Programming	780014	6
2	Mobility supervised work¹	100222	6

¹ Mobility supervised work. <https://youtu.be/Mi3cA8yZeO0?feature=shared>

SCHEDULE -- 1 st semester					
Time	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-12:00		Data Structures			Computer Network Architectures
12:00-14:00					
14:00-15:00					
15:00-17:00		Databases		Advanced operating systems	
17:00-19:00					

SCHEDULE – 2 nd semester					
Time	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-12:00	Software Engineering	Advanced Databases	Computer networks		Computer networks
12:00-14:00					
14:00-15:00					
15:00-19:00	Project Management				

Additionally, students can take the course [Spanish \(6 ECTS\)](#).