

Master in Computer Architecture, Networks and Systems

PROGRAM

The Master in Computer Architecture, Networks and Systems (CANS) is organised by the Computer Architecture Department. The aim of the Master's Degree is to train researchers who will work internationally and be able to integrate themselves in any research and development centre – public or private, national or international – in the fields of computer architecture, high-performance computers, operating systems, computer networks and distributed systems.

All the subjects, except the Master Thesis, are optional, so students, in agreement with their supervisors, may specialise in the topics they prefer.

STRUCTURE

It is a 120 credits program intended to be developed in 2 years (4 semesters). Normally, the last semester should be devoted to the Master Thesis. Subjects are divided into Basic and Advanced. Basic ones are subjects of the current Informatics Engineering degree studies. Advanced topics are specifically provided for this Master by the Computer Architecture Department.

Depending on their background, students might be asked to register only for Advanced subjects. In this case, the program is reduced to 60 credits. In other cases, also some basic subjects are necessary, so the total number of credits is in the range 60-120.

CREDITS

120 ECTS

CAREER PROSPECTS

Graduates of this Master's Degree will be experts in different aspects of research in the fields of computer architecture, operating systems and networks, who will be qualified to work in:

- * Any business in the sector, particularly companies with R&D centres and/or companies that want to incorporate emerging technologies.

- * Public and private research centres.

- * University departments and centres with a doctoral program that enable doctoral theses to be produced.

TERM BEGINS

September.

FURTHER INFORMATION

Apart from the regular subjects, shorter courses given by prestigious external Professors are scheduled every year.

CONTACT

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