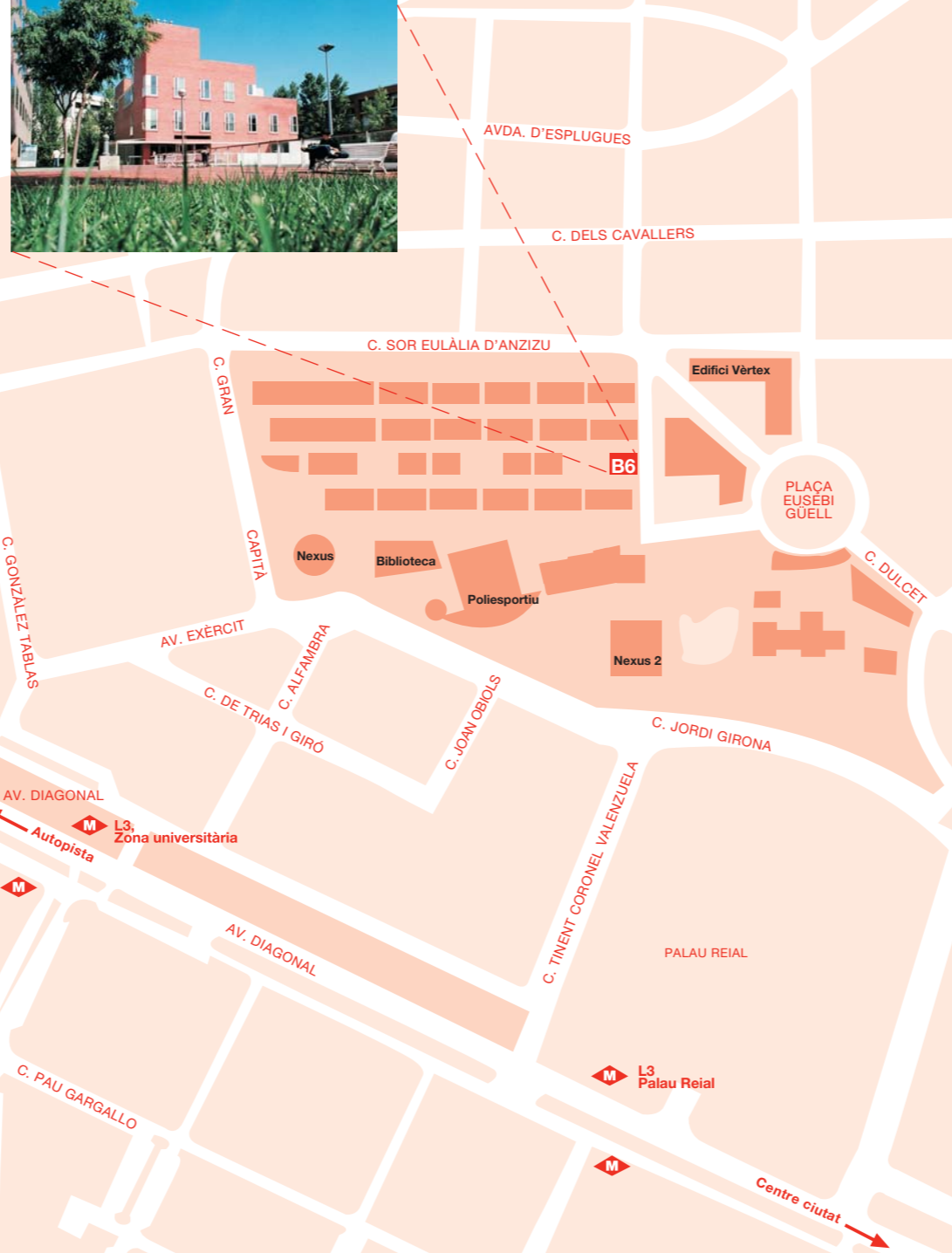


A world of possibilities... the FIB

Visit us, we are waiting for you

- > for an outstanding profession, with great social impact and high market demand
- > in a technological campus where the supercomputer Mare Nostrum is located
- > with completely adapted curricula to the European Space for Higher Education and innovative educational methodologies
- > with faculty leader in research
- > with an enriching university life within your reach



Barcelona School of Informatics

Edifici B6. Campus Nord UPC
C. Jordi Girona, 1-3
08034 Barcelona (Spain)

Contacts:

General
Phone +34 934 017 000
informacio@fib.upc.edu

International
Phone +34 934 010 737
fib.becari.internacionals@fib.upc.edu

www.fib.upc.edu
Fax +34 934 017 113



FIB

Facultat d'Informàtica
de Barcelona

UNIVERSITAT POLITÈCNICA DE CATALUNYA

Barcelona School of Informatics

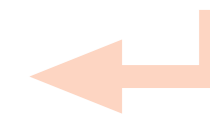
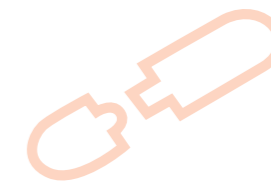
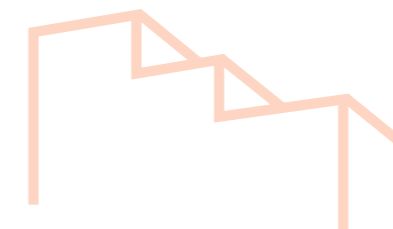
FIB | | | | | | |



FIB



www



What's the FIB?

The Barcelona School of Informatics (FIB) is, since the academic year 1977-78, the teaching institution of the Technical University of Catalonia (UPC) in charge of the university education in the fields of computer science, computer engineering, and related matters.

At present, UPC's teaching and research work is considered to be among the best in Europe, as demonstrated by its international prestige and its membership of the Cluster network. This network is made up of twelve of the foremost technological universities in Europe, and the FIB is a specially active collaborator.

The research and technology transfer work performed by staff in addition to their teaching work is the best possible guarantee for the quality and modernity of the education provided.

An updated and European curriculum

Since the academic year 2004-05, the FIB has launched a new curriculum that has allowed to improve the structure, to renew the contents of the subjects and, in addition, to adapt the education to the European Space for Higher Education. This new curriculum gives a special relevance to the practical orientation subjects and incorporates new educational methodologies such as project based learning.

Academic offer

The present degrees that are offered by the FIB are:

Degree in Informatics Engineering

The main goal of the Informatics Engineering degree is to give the student a broad base and an in-depth knowledge of several specific areas of computer science. The student can organise the elective part of his curriculum in order to obtain one of the profiles defined by the school, that at the moment are:

- High Performance Computer Architectures
- Software Engineering and Information Systems
- Fundamentals of Computation
- Information Management and Use
- Interfaces and System Integration

- Advanced Programming Techniques
- Telematic Networks and Operating Systems

According to its design, it is possible to complete this degree in five years.

Diploma in Computer Software

The Diploma in Computer Software aims to provide the student with professional skills in the field of information system engineering in every aspect of the technical design, setting up and maintenance of computer systems for organisations, with special stress on software components.

According to its design, it is possible to complete this diploma in three years.

Diploma in Computer Systems

The Diploma in Computer Systems aims to provide the student with professional skills in the field of information system engineering in every aspect of the setting up, the implant, and maintenance of computer systems, with special stress on hardware components.

According to its design, it is possible to complete this diploma in three years.

Master's Degree in Information Technology (MTI)

The Master's Degree in Information Technology is an academically oriented master's degree which provides graduates with a professional specialization. After one year of general training in informatics, the student receives an in-depth knowledge in the specialization of your choice during the second year. This master has a remarkable European and international vocation which means more than just adjusting learning processes to match the European Space for Higher Education trends. Specifically, the master will encourage the mobility of both students and instructors.

Relations with the business sector

While studying at the FIB, the students can also participate in work experience programmes in companies by means of educational cooperation agreements, complementing its academic training with first-hand experience in the professional world. The company establishes, in agreement with the FIB, the work plan and the learning objectives of the stay.

It is also interesting to notice that this working experience can take place either in our country or abroad, which improves the international profile of our students.

Engineering degrees and diplomas from the FIB are presently the most sought-after in the business sector of our country. Employment rates among our graduates are close to 100%, and the majority claim to be satisfied with the training received and the match between their professional life and their academic preparation.

Study abroad

The FIB is an active school as far as student mobility is concerned. By means of the bilateral agreements our students can take courses, develop projects or follow a double-degree in many prestigious universities abroad, not only in the informatics area but also in other areas such as business organisation, aeronautical technology (avionics), and knowledge management and cooperative work.

Furthermore, our school also hosts many foreign students that want to complete their studies at the FIB. These mobility programmes are designed to supplement the education of students allowing them to live in a different culture, which is vital given the internationalisation of the job market.

A reference of Informatics Education for the Spanish universities

- Honors 'Jaume Vicens Vives' to the teaching innovation 2005 granted by the 'Generalitat de Catalunya'.
- Award to the Teaching Quality 2005, granted by 'Consell Social de la UPC'.
- The UPC, leader in research in the area of Computer Science and Technology (Atlas de la Ciencia Española, 2005).
- Representative center of UPC for the obtaining of the quality seal EFQM (European Foundation for Quality Management), world-wide recognized.
- First in the ranking of the degree on Informatics Engineering (El Mundo, May 2005).

Associative life

The FIB' students have at their disposal a great associative, cultural, sports, and of leisure supply. Many of these activities are organized by students themselves through several associations. In addition, the UPC has a service of social activities for all the university community (l'Univers).