

# COMPUTER SCIENCE and MANAGEMENT INFORMATION SYSTEMS



## Key Words

*Software development, software engineering, enterprise management, information system design, databases, complex architecture design, new information and communication technologies.*

## Objectives

*The department prepares future engineers who need a strong background in both software engineering and management and who, on graduating, apply for positions of responsibility in areas such as information systems design, large project management or the development of innovative technologies.*

## Employment sectors

*Our graduates apply for various jobs such as Information Systems Architect, Audit Engineer, Project Manager, Project Coordinator or Software Engineer, within domains such as banking and insurance, software development and software services, audit and management consultancy, telecommunications, public services.*

## Industrial Partnerships

Industrial partners are constantly involved in curriculum definition, in offering work placements, in defining industrial projects and presenting specialised lectures.

### Industrial placements :

- third year (1 to 2 months)
- fourth year (2 to 3 months)
- fifth year (4 to 6 months)

### Projects

Fourth and Fifth year : both in research laboratories and in industry.

These compulsory industrial placements and projects provide the students with the practical knowledge and know-how of the professional environment, as they put the students in real life technical situations.

They are carried out in regional, national and international industries and are directly linked to the potential job market.

## Research Partnerships

Students are taught by academics and lecturers who also carry out research activities in the laboratories of the University of Science (Montpellier 2), in collaboration with other national research institutes. Some of these research activities are carried out in collaboration with industrial companies through industrial contracts or national or European projects.

Consequently, students are taught advanced state of the art industrial technology. They may then work directly in Research and Development Departments, or enrol in PhD studies in Computer Science and Management in the 5<sup>th</sup> year of study.

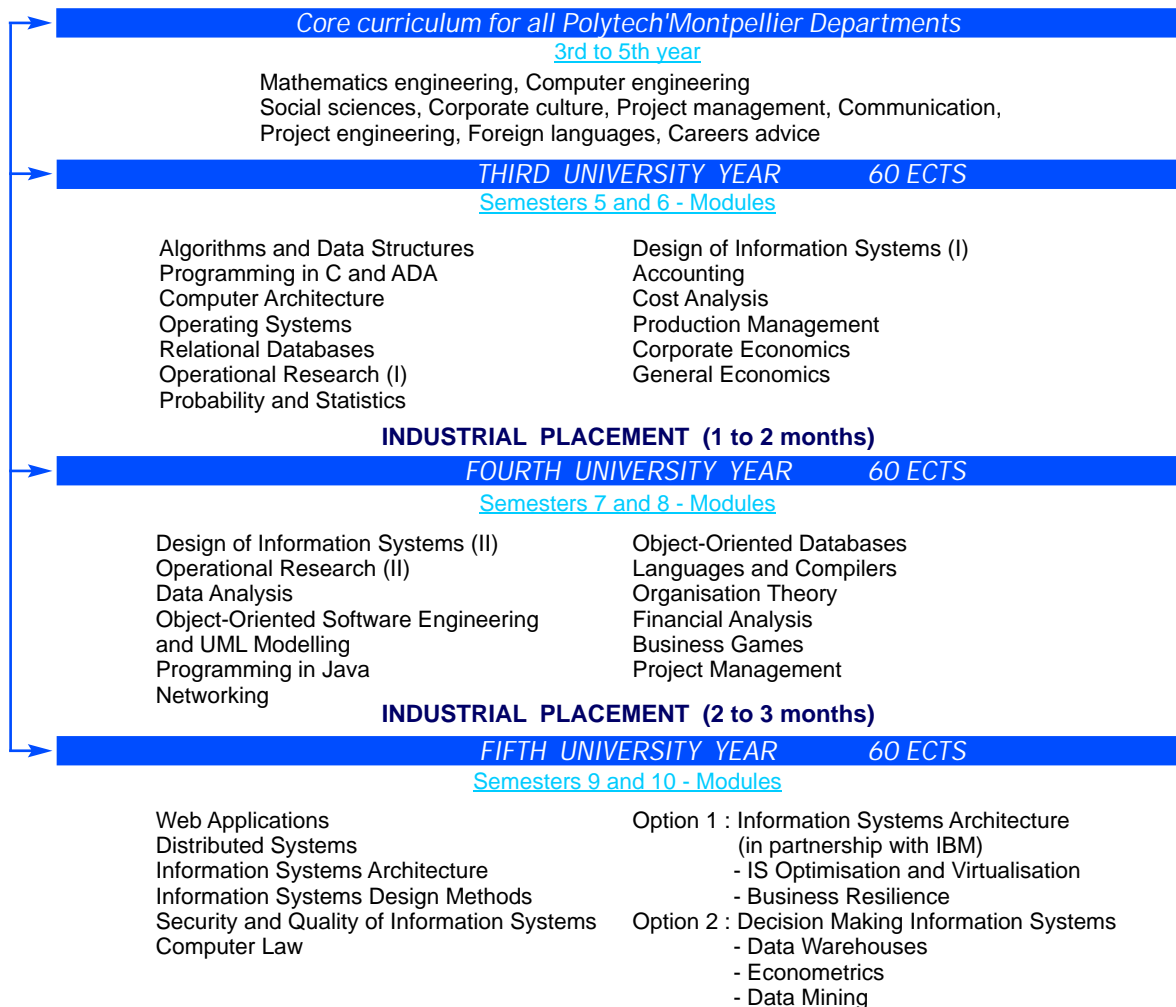
The Department has developed privileged relationships with regional and national technology transfer centres.

## Academic Partnerships

Polytech'Montpellier – UM2, France, has well-established agreements with several European and non-European universities. In particular, a double degree programme is available with the University of Cranfield, UK.



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It is also possible to specialise in one of our sister schools in the Polytech'network or in another engineering school in France or abroad.

**INDUSTRIAL PLACEMENT (4 to 6 months)**

**POLYTECH' MONTPELLIER also offers to foreign students who don't speak French the chance to study in their MUNDUS PROGRAMME.**

This is a special programme that enables foreign students who already have Master's level in their country of origin to come and spend a year learning intensive French and also specialised scientific subjects according to their choice of Speciality (Major). Upon successful completion of this year, they can join Years 4 and 5, and go on to obtain the prestigious French Engineering qualification.

For more details of this **MUNDUS PROGRAMME**, please contact us at the International Relations office : [relint@polytech.univ-montp2.fr](mailto:relint@polytech.univ-montp2.fr)



CONFERENCE DES GRANDES ECOLES

