

## Facilities at the Faculty of Computer Science

- Library
- Computer labs for students
- Maker lab
- Study spaces (group study & seminar rooms)
- Living room
- Lockers

## Facilities at the University of Murcia

- 4,436 reading places in libraries
- +8,000 sport facility users
- 294 cultural activities (+32,000 participants)
- Wifi throughout the campus



## Contact

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## FACULTY OF COMPUTER SCIENCE

UNIVERSIDAD DE  
MURCIA



## BILINGUAL MASTER'S DEGREE IN NEW TECHNOLOGIES IN COMPUTER SCIENCE



## BILINGUAL MASTER'S DEGREE IN NEW TECHNOLOGIES IN COMPUTER SCIENCE

The Faculty of Computer Science is located in the Campus of Espinardo of the **University of Murcia** (Murcia, Spain). It provides high education level in Computer Science. The faculty offers one Bachelor's degree, two Master's Degrees and one Ph.D. programme.

- BSc in Computer Engineering (Spanish)
- MSc in New Technologies in Computer Science (bilingual)
- MSc in Big Data (Spanish)

The Faculty of Computer Science offers a bilingual (Spanish and English) Master's Degree in New Technologies in Computer Science (NTI) since 2012/2013.

MSc in New Technologies in Computer Science with **Euro-Inf Quality Label**, which is awarded by the "European Quality Assurance Network for Informatics Education" (EQANIE).

### Key Characteristics:

- 7 specialism
- 50 places offered

**F** Facultad de Informática



### Characteristics:

Lectures will be taught by highly qualified professors in English as second language. Our professors accredit international experience and participate actively in international projects and conferences.

### Recommendations:

At least B1 in English

#### Common courses

Title	ECTS	Semester
Methodologies and Technologies for Project Management R + D + I	6	1
Master's Thesis	18	2

#### Intelligent and knowledge technologies with applications in medicine

Title	ECTS	Semester
Sistemas de Información Biomédicos	6	1
Semantic Web	6	1
Inteligencia de Negocio	6	1
Análisis Inteligente de Datos	6	2
Advanced Techniques for Intelligent Systems	6	2
Elective Courses	6	-

#### Industrial Informatics

Title	ECTS	Semester
Automatización Industrial	6	1
Sistemas de Eventos Discretos e Híbridos	3	1
Procesamiento de Imágenes	3	1
Mathematical Foundations of Computer Vision and Image Analysis	3	1
Fundamentos Matemáticos de Señales y Sistemas	3	1
Sistemas de Control y Robótica	6	2
Visión Artificial	6	2
Elective Courses	6	-

#### Networks and Telematics

Title	ECTS	Semester
Basic Communication Technologies	6	1
Wireless Networks	6	1
Security and Trust in Distributed Systems	6	2
Network Integration	6	2
(Option 1) Development Technologies for Ubiquitous Systems	6	1
(Option 2) Sensor technologies for heterogeneous environments	6	1
(Option 3) Mobility-Supporting Services	6	2
Elective Courses	6	-

**High Performance Architectures and Supercomputing**  
(only in Spanish)

#### Engineering ubiquitous computing environments

Title	ECTS	Semester
Sensor technologies for heterogeneous environments	6	1
Development Technologies for Ubiquitous Systems	6	1
Wireless Networks	6	1
Adaptive Ubiquitous Systems	6	2
Mobility-Supporting Services	6	2
Elective Courses	6	-

#### Software Technologies

Title	ECTS	Semester
Desarrollo de Software Dirigido por Modelos	6	1
Semantic Web	6	1
Current Trends in Web	3	2
Distributed Software and Software-as-a-Service	3	2
Requirements Engineering	6	2
Software Quality	6	2
Elective Courses	6	-

#### Mathematics applied to Information and Communications Technology

Title	ECTS	Semester
Foundations of Secure Communications	3	1
Mathematical Foundations of Computer Vision and Image Analysis	3	1
Fundamentos de Modelado de Sistemas Complejos	3	1
Fundamentos Matemáticos de Señales y Sistemas	3	1
Elective Courses	12	-

**Semester 1:** from September to January; **Semester 2:** from February to July