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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Facultad de Informática

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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

Facultad de Informática

UNIVERSIDAD DE MURCIA

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 specialisms
- ❏ 50 places offered

Euro-Inf Master awarded by EQANIE

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
Metodologías y Tecnologías para la Gestión de Proyecto I+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
Técnicas Avanzadas para Sistemas Inteligentes	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
Ingeniería de Requisitos	6	2
Software Quality	6	2
Elective Courses	6	-

Mathematics applied to Information and Communications New 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