Master in Intelligent Interactive Systems

Big Data – Interactive Communication – Intelligent Robotics

Future emerging technologies will provide both interactivity and intelligence. The Master on Intelligent Interactive Systems (MIIS) addresses both of these trends, focusing on the design, analysis, and development of agents and robots that can interact intelligently with humans and other agents; agents that can perceive, plan, act, learn, and communicate.

The teachers are world-renowned scientists in Artificial Intelligence, Robotics, Machine Learning, Natural Language Interaction, Speech Technologies, and Big Data. The students can specialize in one of the three tracks (Big Data – Interactive Communication – Intelligent Robotics) offered by the Master and learn about languages, models, algorithms of interactive intelligent systems, and will be exposed to top level research in the area.

Who it is aimed at?

The master’s degree has a technical emphasis and students are assumed to be familiar with the language of mathematics and computer science. Degrees can be in Computer Science, Informatics, Computational Linguistics, Math, Physics, or Engineering, or they must provide a similar background.

Scholarship information

Information on scholarships can be found at:
www.upf.edu/dtic/masters/ and
www.upf.edu/masters-grants.

Research centers or companies collaborating with the master’s degree offer collaboration grants. Check the Master’s academic website for more information related to these grants.

Structure

The program is research oriented and is organized into three quarters where students take 30 credits in core courses, 10 credits in optional courses, and a 20 credit research project (thesis).

Students can choose their main courses from one of the three tracks of the Master, complementing them by further courses from the other tracks.

Thesis and internships

The master thesis will be developed in the context of one of the research groups of the Universitat Pompeu Fabra or in collaboration with our industrial partners. As part of their work, students, may perform internships in one of these research groups or in the industry.

www.upf.edu/mastersdegrees