Bachelor's degree in Statistics (interuniversity UB-UPC degree)

The bachelor’s degree in Statistics, coordinated by the Universitat de Barcelona (UB) and with the UPC as a participant, will provide you with the training you need in statistics, probability, operations research, computer science and economics. The course will give you the necessary grounding to design methods for collecting and transforming data into valuable decision-making input for companies, organisations and institutions; to manage quality control and improvement processes; and to produce public opinion studies, statistical reports, epidemiological studies and clinical trials in the field of health care. The course is offered jointly with the University of Barcelona (UB), so students reap the rewards of a richer learning experience, benefiting from the combined expertise of UPC and UB teaching staff in engineering and technology, economics, and social and health sciences.

GENERAL DETAILS

Duration
4 years

Study load
240 ECTS credits (including the bachelor's thesis). One credit is equivalent to a study load of 25-30 hours.

Delivery
Face-to-face

Language of instruction
Check the language of instruction for each subject (and timetable) in the course guide in the curriculum.

Information on language use in the classroom and students’ language rights.

Fees and grants
Approximate fees per academic year: €1,107 (€2,253 for non-EU residents). Consult the public fees system based on income (grants and payment options).

Location
School of Mathematics and Statistics (FME)

Official degree
Recorded in the Ministry of Education's degree register

ADMISSION

Places
50

Registration and enrolment
What are the requirements to enrol in a bachelor's degree course?

Legalisation of foreign documents
All documents issued in non-EU countries must be legalised and bear the corresponding apostille.

PROFESSIONAL OPPORTUNITIES

Professional opportunities
- Health and natural sciences: health services, medicine, public health, pharmaceutical industry, clinical trials,
animal health, environment, life sciences, bioinformatics and agriculture.
- Data Science
- Economics and finance: actuarial science, insurance, banking, risk assessment and lending, stock markets, management of securities portfolios, financial analysis, market research, competitor analysis and pricing policy.
- Public administration: activities at official statistics institutes, demographic projections, studies of social trends and the labour market, optimal allocation of resources, etc.
- Industry and services (including informatics): experimental design, quality control, improvement of processes and products, logistics, inventory management, production planning, and optimal management of resources and energy systems.
- Teaching and research.

ORGANISATION: ACADEMIC CALENDAR AND REGULATIONS

Academic calendar
General academic calendar for bachelor’s, master’s and doctoral degrees courses

Academic regulations
Academic regulations for bachelor’s degree courses at the UPC

Language certification and credit recognition
Queries about language courses and certification

School of Mathematics and Statistics (FME)

CURRICULUM

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<tr>
<th>Subjects</th>
<th>ECTS credits</th>
<th>Type</th>
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<td><strong>FIRST COURSE</strong></td>
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<tr>
<td>Descriptive Statistics</td>
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<td>Fundamentals of Business Administration</td>
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<td><strong>SECOND COURSE</strong></td>
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<td>Probability and Stochastic Processes</td>
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