Studying Data Science at ETSE-UV

— Highly practical training
— Small groups
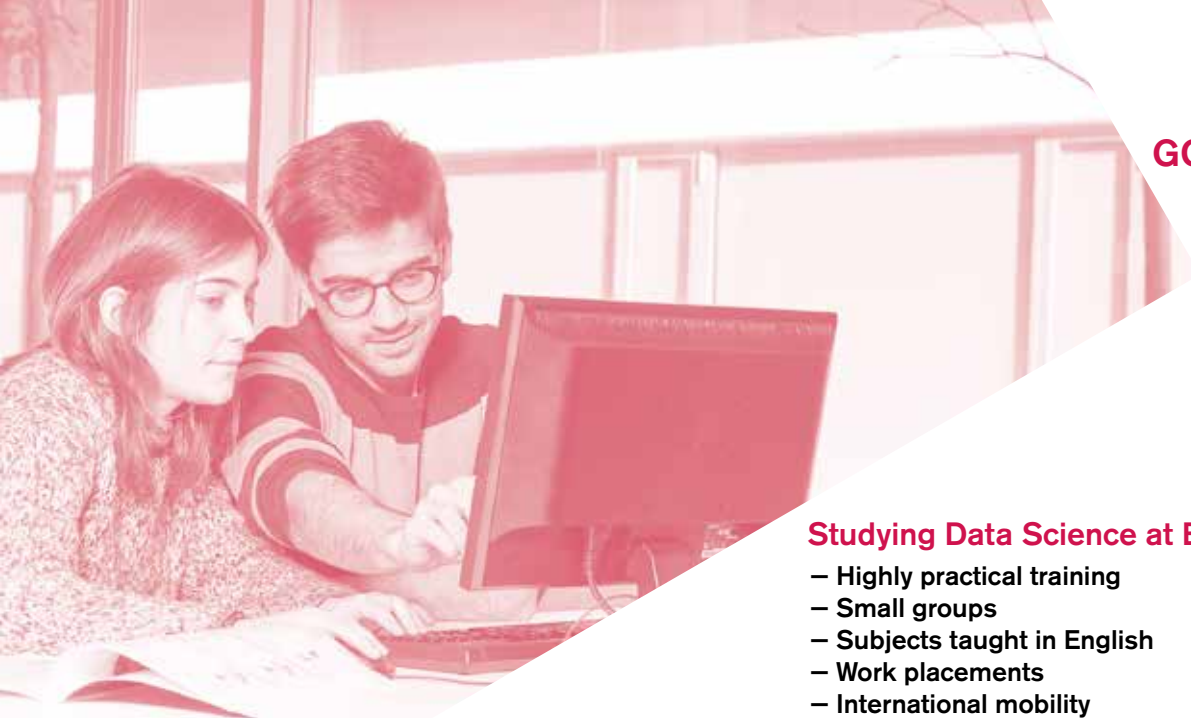— Subjects taught in English
— Work placements
— International mobility

What will you learn in this degree?

— Mathematics and statistics
— Programming and databases
— Signal processing
— Artificial intelligence and machine learning
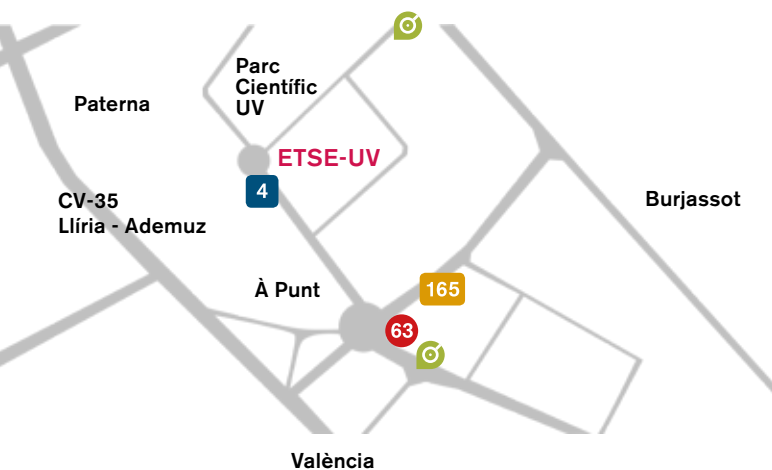— Applications in medicine, business, cybersecurity...

And, above all, to manage any kind of information.

Who is it addressed to?

— Baccalaureate students of Science and Technology
— Students from Higher Level Training Cycles in technical specialties
— Students interested in computer science, mathematics, statistics, and applied artificial intelligence
— Students with the ability to solve problems and propose solutions

ETSE-UV

Degree in Data Science

www.uv.es/etse

Parc Científic UV

Paterna

ETSE-UV

4

CV-35
Llíria - Ademuz

Burjassot

À Punt

165

63

València

Metrovalencia. Line 4 (TVV stop)
EMT. Line 63 (Xàtiva — Noves Facultats)
Metrobus. Line 165 (Quart de Poblet — Manises — Paterna — Burjassot)
Valenbisi Mibisi Bike lane València — Burjassot

Universitat de València
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Campus de Burjassot - Paterna

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@etseuv

www.uv.es/degree/datascience

UNIVERSITAT DE VALÈNCIA

We want to be your university and help you to be a future professional capable of acquiring, processing and extracting knowledge from huge amounts of data.
You will analyse numbers, images, video, text and all kinds of information with cutting-edge techniques from this multidisciplinary field: mathematics, statistics, computer science, artificial intelligence, health and business.

Accept the challenge.

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VNIVERSITAT ID VALÈNCIA

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Programme

The degree lasts 4 years (240 ECTS).

	Mathematics and Statistics	Informatics	Artificial Intelligence and Machine Learning	Healthcare, Business and Society
1°	· Mathematical Analysis · Algebra · Discrete Mathematics · Optimisation · Probability and Simulation	· Programming Fundamentals · Data and Algorithms Structure · Databases	· Data Processing	· Data, Science and Society
2°	· Statistical Inference · Linear Models	· Data Management · Data Storage Infrastructure · Network and Security · Parallel Programming	· Data Visualisation · Image Processing · Signals and Systems	· Data Legal Aspects
3°	· Time Series · Bayesian Models	· Innovation Management in Data Science	· Machine Learning · Grouping and Varieties · Natural Language Processing · Connectionist Models	· Business and Data Science · Quantitative Methods for Management · Statistics for Omics Data
4°		· Big Data	· Internet of Things	· Economy and Data Science

Optional Flexible and specialised training in the 4th year through optional subjects

Mathematics and Statistics	Informatics	Artificial Intelligence and Machine Learning	Healthcare, Business and Society
· Spatial and Geographical Analysis · Methods of Linear Algebra for Massive Data Matrices	· Audio and Voice Analysis and Processing · Web Analytics and Social Networks	· Deep Learning · Complex Dynamic Systems	· Health Data Analytics · Data-based Logistics · Finance and Data Science

Degree Final Project
Choose your subject and professor and/or a company.

International Mobility
Ample opportunities of international mobility. Agreements with +100 foreign universities.

Work placements
Choose your work placement among +60 sector companies. Minimum duration: 260 hours.

ETSE-UV

Degree in Data Science

GCD

UNIVERSITAT DE VALÈNCIA

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Career opportunities

— Data analyst
— Big Data specialist
— Artificial intelligence expert
— Business consultant
— Project manager
— Data architect

Connection with postgraduate studies

— Master's Degree in Data Science
— Master's Degree in Bioinformatics
— Master's Degree in Web Technology, Cloud Computing and Mobile Applications
— Doctoral Programme in Information Technologies, Communications and Computing

Other degrees at ETSE-UV

Multimedia Engineering
Telematics Engineering
Telecommunications Electronic Engineering

Computer Engineering
Chemical Engineering
Industrial Electronic Engineering

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