

# An international and interdisciplinary experience!

international environment.

The València Summer School 2018 "Challenges for the XXI century: data, information and communication" is open to international students from around the world interested in the areas of big data, cyber security, engineering, economics and journalism. You will experience academic and applied knowledge on these topics in an

We propose a multidisciplinary summer school taught in two locations of the Universitat de València: the Engineering School and the Faculty of Economics. Both campuses are very well connected with the city centre (bus, tram and underground) where you will enjoy the main attractions, museums, shops and a diversity of restaurants offering Mediterranean cuisine.

As part of the summer school, we also offer many social and cultural activities, to make you gain insights into the culture of Valencia.

#### The Valencia Summer School 2018 includes:

- > Instructions to access the City from the airport, train station, etc.
- > Campus facilities (i.e., hall of residences, canteen, etc).
- > Coffee breaks every day.
- > Access to library services.
- > Wi-fi on campus.
- > Social activities.

Challenges for the XXI century: data, information and communication

#### 4 ECTS credits

We are facing a data driven revolution, and this summer school aims to make you understand its scope. The objective of this summer school is to provide students with advanced knowledge in the exponential increase in data management and applications, which would mean a revolution for the Economy, Society, Culture and Education.

#### The course will deal with:

- > Data: a new paradigm.
- > Data and the firms.
- > Data analytics.
- > Open source tools.
- > Big data databases.
- > Cloud computing.
- > Open data.
- > Privacy and security institutional data.
- > Text mining and visualisation.
- > Applications in tourism and social sciences.
- > Gamification.
- > Consumer preferences managing.



## We are happy to welcome you to the Universitat de València!

A modern European University founded over five centuries ago, devoted to a wide range of disciplines (experimental sciences, engineering, health sciences, humanities as well as social, economic, education and legal sciences), cutting-edge research and culture pursuing education, learning and research at the highest international levels of excellence.

### For further information, please visit: www.uv.es/en

Valencia has a great location in Spain to enjoy a combination of good weather, culture, mountains, beaches and an impressive (old and new) city. Valencia is trade and culture, museums, magic, business, etc. It is one of the most active cities in Europe as regards fairs and conferences.



#### Prerequisite

Fluency in English as all courses are taught in English.

For course syllabus please see http://esdeveniments.uv.es/go/bigdatasummerschool