Deusto Summer School 2023

Keep on learning to be part of the change
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The world and society experience a process of constant change. The new realities imply new challenges and opportunities that require our transformation, both professional and personal. Acquiring knowledge and developing skills are the basis not only to adapt to the new scenarios, but also to become agents of this societal transformation.

The program of the Deusto Summer School 2023 has the aim of bringing the current realities closer and providing the tools to face these new challenges of the society in different fields.

Deusto Summer School and Sustainable Development

The Deusto Summer School is closely linked to the Sustainable Development Goals promoted by the United Nations’ Agenda 2030. Thus, each course is aligned to one SDGs, showing the commitment of the University towards social transformation.

What makes the Deusto Summer School different?

- 100% online learning
- English and Spanish teaching
- Multidisciplinarity
- Certificate of participation
- Expert lecturers
- Deusto learning methodology applied to online learning
- International participants
- Special discounts

Reasons to enroll in the Deusto Summer School courses

- To develop new skills
- To improve your professional career
- To get into nowadays hot topics
- To enjoy by further learning about your favourite topics
Course planning

Deusto Summer School courses are organized as follows:

Introduction
Participants’ personal work. Different activities to get initiated into the topic of the course.

Course modules
In order to work on the content, the course is divided into three sections: three online live sessions of 1h30’ combined with online resources and activities before and/or after the video conferences.

Closing session
Video conference session to sum up the program, to solve questions that arose during the course and to provide general feedback.

How will you learn?

The methodology of the Deusto Summer School courses is based on the University of Deusto Learning Model (MAUD), adapted to distance learning. This model integrates the stages of contextualization, reflective observation, conceptualization, active experimentation and assessment. A methodology that enables autonomous learning and encourages the development of knowledge, skills, attitudes, capacities and values. This methodology guarantees a complete learning experience, so that every student can apply the acquired knowledge in the future.

To implement this methodology the following teaching resources are used:

- Combination of live video conference classes with online learning, through resources and activities on the university’s learning platform.
- Use of learning resources in different formats for the presentation of theoretical content. (videos, readings, maps…).
- Different learning activities to verify the acquisition of both theoretical and practical knowledge and the acquisition of skills.
- Follow up and assessment.
Which course do you choose?

- Practical Introduction to Reinforcement Learning
- Humanization in Healthcare
- Social Justice: Criminal Law, Women and Poverty
- Dual University Training: Beyond an Internship. The Deusto Model
Reinforcement learning is an automatic learning technique used to solve complex problems and applications in a wide variety of fields, such as automatic control, robotics, gaming and artificial intelligence. With the increase in processing power and data storage, reinforcement learning has become increasingly popular and it is essential for technology professionals looking to develop skills in artificial intelligence and machine learning.

This course is aligned with the Sustainable Development Goal 9 'Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation'. The current innovation cannot be understood without artificial intelligence, which includes reinforcement learning.

Aims of the course

The aim of this course is to introduce the participants to reinforcement learning and train them in the use of reinforcement learning algorithms on Python. At the end of the course, the participants will have the necessary skills to apply reinforcement learning in real problems and understand how reinforcement learning algorithms work.

Participant profile

The course is aimed at people who wish to acquire the basics of reinforcement learning technology by learning theory and practical experimentation. The program is open to both students and professionals in the areas of engineering and computer science, as well as people interested in the subject.

Requirements:

In order to participate in the course it is necessary to have basic programming skills, preferably in Python programming language.

Spanish B2 level is recommended.

KEY INFORMATION

Calendar ➤ Starting date: 19/06/2023
Ending date: 23/06/2023

Duration ➤ 8 hours

Language ➤ Spanish

SDG ➤ 9. Industry, Innovation and Infrastructure

Teaching Method ➤ Online

Maximum Number of Participants ➤ 30

Application Deadline ➤ 05/06/2023

Price ➤ 75 €
Program

- Introduction to reinforcement learning
- Fundamentals of reinforcement learning theory
- Basic reinforcement learning algorithms and application cases
- Advanced examples and new trends

Calendar of the course

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<th>MONDAY 19/06</th>
<th>TUESDAY 20/06</th>
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Lecturers

- Borja Sanz Urquijo. Professor and researcher at the Faculty of Engineering at the University of Deusto. Profile
Healthcare is moving forward to adapt to the biopsychosocial needs of patients. Today it is no longer enough to attend to the physical illnesses of those who come to the consultation, but it is also necessary to offer more complete care, taking into account all the characteristics of the patients and seeking an overall improvement. To this end, it is important to humanize health care work and to take into account the characteristics of both patients and their caregivers.

This course is aligned with the Sustainable Development Goal 3 “Ensure healthy lives and promote well-being for all at all ages”. The course will allow participants to learn how to improve the quality of care work and to assure the well-being of patients and caregivers.

Aims of the course

The main objective of the course is to serve as a guide for healthcare professionals to find areas where the overall delivery of care could be improved. With this course, healthcare professionals will acquire indispensable knowledge to perform their job by applying a humanistic criteria.

Participant profile

This course is addressed to:

- Professionals in the field of Health Sciences (Medicine, Nursing, Physiotherapy, Psychology, Podology…)

- Graduated and students in the last year of Bachelor or Master Degrees in the field of Health Sciences

B2 level of English is recommended

**KEY INFORMATION**

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<td>Price</td>
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Program

- Introduction to health humanization
- Cancer care from the patient experience perspective
- Health management for the health humanization
- Health humanization in the intensive care units
- Education and research for a humanized health care

Calendar of the course

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Lecturers

Course coordinated by Ander Urruticoechea Ribate, Fundación Onkologiko Fundazioa Director and professor at the University of Deusto. Profile
Traditionally, criminal law has been more severe with the most socioeconomically disadvantaged people. This severity is accentuated if the one who comes into contact with the law system is a woman. On the one hand, when she is accused of certain crimes, as in the case of *muleras*, who come from the most marginalized sectors of the society. On the other hand, when she is the victim of a crime, as it is not even two decades since the first crimes related to gender violence were included in the Penal Code. The purpose of this course is to study how criminal law deals with women, both as offenders and as victims.

This course is closely aligned with Sustainable Development Goal 16 “Peace, justice and strong institutions” and Goal 5 “Gender Equality”. This program will allow participants to reflect on the criminal law model that should be in place in societies that claim to be egalitarian.

### Aims of the course

- To approach the treatment given by the Spanish Criminal Code to gender violence
- To learn about Spanish jurisprudence in relation to *muleras*
- To identify the crimes that are typically committed by women and to reflect on the causes for their commission
- To expose the prison situation of women in Latin America and compare it with the situation in Europe
- To expose solutions to mitigate the discrimination suffered by poor women in the penal system

### Participant profile

The course is aimed at people interested in how criminal law handles those situations in which a woman, especially when she is in a disadvantaged socioeconomic situation, commits a crime or is the victim of a crime.

The course can be useful for legal professionals and social entities working in the field of social exclusion and gender violence.

It is also aimed at undergraduate and master’s degree students in the areas of law, criminology, social work, labor relations, human rights and international relations.

Requirements:

- No previous knowledge of criminal law is required
- Spanish B2 level is recommended

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1 *Mulera*: A person who hires others to transport small quantities of drugs concealed in their bodies. Source: [https://es.thefreedictionary.com/mulera](https://es.thefreedictionary.com/mulera)

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### KEY INFORMATION

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Program

- The criminalization of poverty and exclusion. Special reference to the poor and migrant women
- Women and drug trafficking. The treatment of the courts with the *muleras*
- Gender violence in the Penal Code: lights and shadows
- Prison and women in Latin America

Calendar of the course

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Lecturers

- **Demelsa Benito Sánchez.** Professor and researcher at the University of Deusto. [Profile](#)
- **Itziar Casanueva Sanz.** Professor and researcher at the University of Deusto. [Profile](#)
- **Soledad Gil Nobajas.** Professor and researcher at the University of Deusto. [Profile](#)
DUAL UNIVERSITY TRAINING: BEYOND AN INTERNSHIP. THE DEUSTO MODEL

In the current context, with great transformations to be faced at a global level, both educational entities and business organizations are destined to cooperate in the identification of joint learning processes that allow a better education, a training focused on real needs and, therefore, an improvement in quantity and quality of the employability of our young people. In this sense, dual training facilitates this approach and is experiencing significant growth, which undoubtedly will continue to increase in the coming years.

This course is aligned with Sustainable Development Goal 4 “Guarantee an inclusive, equitable and sustainable education and promote lifelong learning opportunities for all”. In particular, the program aims to share a model that improves the quality of education to favor access to the labor market.

**Aims of the course**

- To understand Dual University Training in the current demographic and labor context
- To embrace the Deusto Dual Training Model and, particularly, the principles on which it is based, as well as the fundamental decisions involved
- To know the agents that form the Dual Ecosystem at Deusto, as well as the different roles and their functions in the dual learning-education process
- To understand the role of the Escuela para la Facilitación Dual (School for Dual Facilitation), its objectives and services.
- To be able to promote, in a specific context, the opportunities that arise from dual training

**Participant profile**

- People from Higher Education institutions with strategic responsibilities in the scope of the planning of undergraduate or graduate training programs
- People from organizations of any sector, with responsibility in the field of selection and development of people who want to find new ways of identifying professionals for their projects
- People from educational centers (with access courses to vocational training or Higher Education), with responsibility in the field of career guidance of their students

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**KEY INFORMATION**

| **Calendar** | Starting date: 10/07/2023  
Ending date: 14/07/2023 |
| **Duration** | 8 hours |
| **Language** | Spanish |
| **SDG** | 4. Quality education |
| **Teaching Method** | Online |
| **Maximum Number of Participants** | 30 |
| **Application Deadline** | 26/06/2023 |
| **Price** | 75 € |
Program

- Reflection on the current context and major transformations. Why dual training and its impact on employability
- The Deusto Dual Training Model. Definition and Basic Principles
- Escuela de Facilitación Dual: mission and services
- How to implement a dual degree

Calendar of the course

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Lecturers

- **Irene Cuesta Gorostidi.** Director of Lifelong learning and Dual training Unit and professor at the University of Deusto. [Profile](#)
- **Ane Sagarrazu Zulaica.** Training and Communication Coordinator at Escuela para la Facilitación Dual at the University of Deusto. [Profile](#)
- **Uxue Gutierrez Rodriguez.** Online Training Coordinator Escuela para la Facilitación Dual at the University of Deusto. [Profile](#)
The faculties of the Universidad de Deusto offer the following courses:

### School of Social and Human Sciences

The School of Social and Human Sciences offers the following courses through its International Spanish Center - CIDE:

#### Global Studies and Spanish Summer Program
- **DATE:** 23/06/2023 - 27/07/2023
- **TEACHING METHOD:** On campus
- **LANGUAGE:** Spanish - English
- **MORE INFORMATION:** [https://www.deusto.es/en/home/study/courses/study-abroad/summer-programs](https://www.deusto.es/en/home/study/courses/study-abroad/summer-programs)

#### Summer Course for Teachers of Spanish as a Foreign Language
- **DATE:** 10/07/2023 - 28/07/2023
- **TEACHING METHOD:** On campus
- **LANGUAGE:** Spanish
- **MORE INFORMATION:** [https://www.deusto.es/en/home/study/courses/study-abroad/summer-programs](https://www.deusto.es/en/home/study/courses/study-abroad/summer-programs)

### Deusto Business School

Deusto Business School in collaboration with the Provincial Council of Bizkaia and Fineco organizes the course:

#### Summer Programme ESG Investment & Finances
- **DATE:** 13/06/2023 - 19/06/2023
- **LANGUAGE:** English
- **TEACHING METHOD:** On campus
- **MORE INFORMATION:** [https://www.deusto.es/en/home/study/courses/summer-school/sg-investment-finance](https://www.deusto.es/en/home/study/courses/summer-school/sg-investment-finance)
The leaflet is merely informative and can be subject to subsequent modifications.
Deusto Summer School 2023
Keep on learning to be part of the change

Avda. Universidades, 24. 48007, Bilbao
summerschool@deusto.es
deusto.es/deustosummerschool