



Post-graduate Certification: Expert in Road Safety Management and Administration



Intensive course 2020



INDEX:

The programme	6
Official Certification	7
Benefits	8
Objectives	9
Methodology	10
Syllabus	12
State-Of-The-Art Road Safety	13
Who is it aimed at?	14
Course Directors	15
Teaching faculty	16
General Information	18



The UN and RACE's Commitment to Road Safety

The United Nations Institute for Training and Research (UNITAR), a United Nations agency, and the Royal Automobile Club of Spain - RACE have created the world's first UN Training Centre for Road Safety.

The objective of this centre, which will be called CIFAL Madrid, is to promote the training of professionals through studies, seminars and postgraduate courses; events and conferences to be given with key speakers, good practices and the promotion of the best strategies for the prevention of traffic accidents, as well as collaborating with other countries in their respective projects.





20 CIFAL centres
400 training courses world-wide
37.744 beneficiaries working in the project

THE INTENSIVE PROGRAMME

The training of professionals in charge of improving road safety is the basis for road safety and mobility management. Their knowledge, a global vision of the problems, their capacity for analysis and their skills for correct management are, in the final analysis, fundamental for making the decisions necessary to reduce traffic accidents and improve circulation, whether as drivers or pedestrians, and involving society as a whole in the achievement of these objectives.

Road Safety management professionals should be responsible for adopting policies and strategies, acting in coordination with other institutions. Multiple factors are involved in traffic accidents, as well as analysis and intervention in the search for solutions from the point of view of infrastructures, vehicles, users, standards, the media... In this course we will try to respond to this diversity of subjects, with the practical vision of professionals and experts from the different disciplines.



1st promotion Alumni



OBTAIN YOUR POST-GRADUATE CERTIFICATION

The postgraduate course, Expert in Road Safety Management and Administration, is a European University certification developed with UNITAR and RACE through CIFAL Madrid. In the four-week academic programme, students from all over the world will learn about the efforts and initiatives that have been successful in reducing traffic accidents in Spain.

Upon obtaining this university Expert in Road Safety Management and Administration Certification, the student will be in possession of a training certificate endorsed by the following institutions:

- The United Nations' UNITAR
- The CIFAL Madrid Centre, under the direction of the Royal Automobile Club of Spain
- The European University

BENEFITS

The creation of the European University's own **Expert Certificate in Road Safety Management and Administration**, CIFAL Madrid RACE and UNITAR - UN, is intended, on the one hand, to enable students to share the knowledge and experience of leading professionals in the sector, which will undoubtedly provide them with a practical vision and a catalogue of "good practices", which, together with the academic framework, will allow for comprehensive training. On the other hand, the structure of the course offers reality-based training where all factors taken into account are related to form a global strategy which, in the case of Spain, has made it possible to reduce road accident rates

The academic programme is an in-person programme and will be taught on the Campus of the European University itself, which will facilitate the student's immersion in the subject and facilitate use of the resources offered by the university environment.

The course will enable the necessary training to be obtained, earning the university Certification of Expert in Road Safety Administration and Management. Through the different training modules, the student will obtain an integral vision of the problem, methods of analysis and research, areas of intervention and the strategies required to help reduce traffic accidents and their consequences.

In addition, the centre will bring together professionals from all over the world, creating a forum for sharing the implementation of actions and their results, as an example for other countries.

OBJECTIVES

- To promote the exchange of experience and knowledge among professionals in the sector, with the aim of creating synergies, increasing professional contacts and forming a group of reference for future projects.
- To provide professionals with a concrete solution to a real situation in each of their countries, through the implementation of an intervention project that will be worked on by the student along with the advice of professionals.

Competences that the Road Safety Expert will acquire

- Possess and understand knowledge in the areas of study, in this case Road Safety and Mobility, based on their training and previous experience, reaching a level of knowledge that includes cutting-edge aspects in this field.
- To know how to apply this knowledge to their work in a professional way
- To have the skills to develop and defend strategies, as well as to solve problems in the field of Road Safety.
- To have the ability to collect and interpret relevant data (usually within their area of professional development) to be able to establish Traffic and Road Safety policies and initiatives from scientific and technical perspectives.
- To be able to transmit information, ideas, problems and solutions to a specialized and non-specialized public.
- To develop the necessary learning skills to undertake further training with a high degree of autonomy.





METHODOLOGY

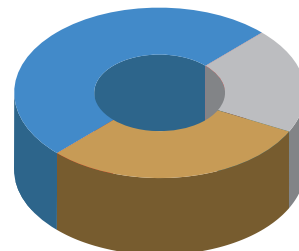
The structure of this course will allow for the acquisition of skills which can be used in day-to-day professional practice from the programme's outset. In addition to the theoretical agenda, visits have been prepared to centres and entities that are prominent in Road Safety and Management, such as the M-30 management system or the Operations Centre of the DGT, which will provide first-hand information on the experiences, innovations and ways of operating of the different organisations involved in traffic and the management of transport.

We propose that classroom training should consist of three sessions per day, **from Monday to Thursday**, with classes of 2 hours each class. At the end of each day, there will be a time to answer questions, or to clarify issues that are better tailored to each individual case. In addition to the theoretical classes and practical visits, the educational development of the course is complemented by the execution of real projects, both individual and as a team, that can be oriented toward the problems and realities of each country, working on the basis of a scientific methodology.



The evaluation system will be based on the successful completion of the activities and knowledge gained from the course, with a scale allocated as follows:

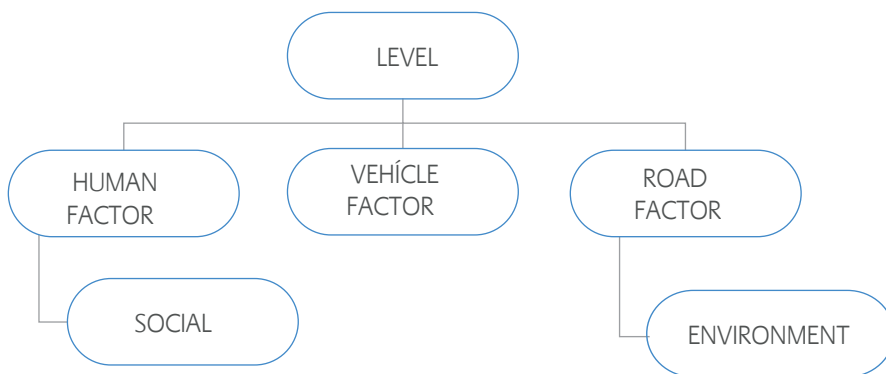
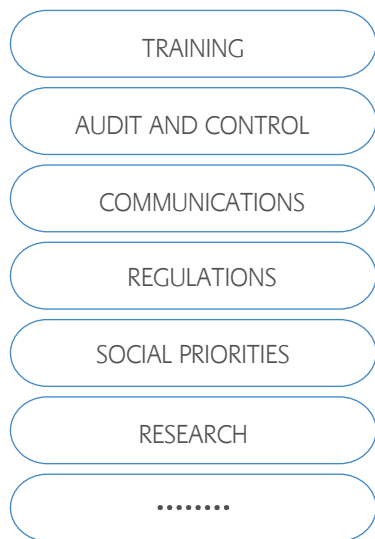
50%
End of
course
project



20% Acquiring
knowledge
through
continuous
assessment

30% Of the teamwork activity

Road Safety is multidisciplinary and requires the analysis of a number of factors. Therefore, the methodology of the course offers the study of different work areas, in which we try to reach a global dimension of the problem and offer solutions from different perspectives. These factors must be studied both individually and as a whole, taking their interrelationship with other fields into account, allowing for research plans to be developed with a broader, global vision in the application of preventive strategies.



To provide this training, the coaching team includes professionals from the different areas at each of the defined levels. Once the group is established, the particular needs of each student will be determined, offering a more specific support programme, which will be developed during the free days in order to prepare for the end of course project.



SYLLABUS

The course consists of four modules distributed over 20 days of course-work and 47 master classes, with national and international experts and professionals in:

- International Research and Projects
- Urban traffic and preventive policies.
- Road Safety Factors.
- Training, Regulations and Traffic Knowledge.

STATE OF THE ART IN ROAD SAFETY

The theoretical programme is complemented by visits to the following entities, where participants will be able to observe directly some of the topics dealt with in the theoretical sessions. The programmed visits are an important support to the teaching carried out in the classroom, as they permit the student to see the work in Spain of some of the entities referenced, the technology, the methods and processes that are used in each case.

Each visit has been scheduled according to the training programmed, with the following visits planned:



DGT

The General Directorate for Traffic of Spain



Madrid M-30 Tunnels

Operation center



Sonia Suárez
M-30



Jarama - RACE

RACE Driving School Course



Jorge Castellanos
RACE Seguridad Vial



AP-6 tunnel

Guadarrama tunnel AP-6
Villalba-Adanero



Cristina Zamorano
AUTOPISTAS

WHO IS IT AIMED AT?

The course is aimed at professionals dedicated to Road Safety Management, with an executive and decision-maker profile in the area of policy to be developed in their respective entities in the field of road safety, traffic, prevention and mobility.

- Public Institutions
- Private Institutions
- Automobile Clubs
- Centres for Research & Analysis
- Consultancies



COURSE DIRECTORS

The course is directed by a member of the European University and a member of the CIFAL Madrid RACE Centre, both with experience in the management of postgraduate training programmes and in coordinating activities focused on road safety.

With national and international experience, the course directors are responsible for the academic coordination and follow-up of the course objectives.



Dr. Carlos Talayero Giménez de Azcárate

Industrial Engineer, PhD in Mechanical Engineering. Professor in the Department of Industrial and Aerospace Engineering of the European University, and Coordinator of the Degree in Industrial Systems Engineering. He also directs, at the same University, the Master's Degree in Automotive Engineering.



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Dr. Antonio J. Lucas García

Director of CIFAL Madrid RACE, the UNITAR Road Safety Training Centre - United Nations. PhD in Communications and Road Safety from the University of Valencia, Degree in Information Sciences, Graduate in Advanced Studies in Road Safety and Postgraduate in Road Safety Management and Administration. Member of the DGT Dissemination Committee since Director of RACE Institutional Road Safety matters.



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TEACHING FACULTY

The theoretical programme is complemented by visits to these entities, in which the participants will be able to observe some of the topics dealt with in the theoretical sessions directly. The programmed visits are an important support to the teaching that is carried out in the classroom, since they allow the student to see the work of some of the entities of reference in Spain, the technology, the methods and the procedures that are used in each different case.

A faculty of more than 40 teachers offering the best training:



Pere Navarro
Director General - DGT



Sonia Díaz de Corcuera
Directora de Tráfico
Gobierno Vasco



Álvaro Gómez
OBSERVATORIO SV- DGT



María Lidón Lozano
FORMACIÓN-DGT



Josep María Vallés
Smart Baby - Joie



Bartolomé Vargas
Fiscal Seguridad Vial



Ryta Cuypers
FIA Foundation



Robert Sauter
Automóvil Club ADAC - Alemania



José Miguel Trigos
PRP - Portugal



Oscar Gamazo
Congreso de los Diputados



Federico Jiménez de Parga
Ayto. de Madrid



Jacobo Díaz
AEC - IVIA



Francisco J. Sánchez-Ferragut
A.T. Guardia Civil



Alejandro Furas
LATINCAP



Roberto Llamas
Ministerio de Formento



José María Riaño
ANESDOR



Antonio Gómez
Policía Municipal de Madrid



Bienvenido Nieto
FETEVI



David Barrientos
NISSAN



Jacinto Pérez Miguel
CNAE



Arturo de Miguel
RACE Asistencia



Miryam Moya
Perito Judicial



Ignacio Ramos
EMT MADRID



Victoria de la Orden
Seguridad Vial Laboral



Carlos Arregui
CENTRO ZARAGOZA



Elena de la Peña
AEC



Enrique Miralles
AEC



Agustín Galdón
Tráfico y Tránsito



Francisco Alonso
INTRAS - Universidad Valencia



Luis Izquierdo
Abogacía Española



Mar Cogollos
AESLEME



Juan Carlos González Luque
Plan Nac. sobre drogas



Fernando Pérez
Medicina de Tráfico



Luis Ayala
As. Rescate y Emergencia



Juan José Alba
Universidad de Zaragoza



Francisco Casado Martínez
Jefatura de Centros Logísticos
del Ejército de Tierra



Irene Rivera
DGT



José Ignacio Lijarcio
Universidad Valencia
FESVIAL



Ángeles Miguel
RACE Abogada



Juan Portillo
ITV en TUV SUD

GENERAL INFORMATION

Post-graduate Certificate: Expert in Road Safety Management and Administration

Institutions: CIFAL Madrid RACE - European University - UNITAR (ONU)

Type: Face-to-face, with subject-matter support through a Virtual Campus

Duration: 4 weeks

Number of teachers: 44

Cost of course: 2.400 euros (scholarships can be applied for)

Number of Places: 30 students maximum

Subjects: Road Safety, Mobility, Accident Investigation, Prevention

Level: Advanced

Language: Spanish (in this first phase)

Estimated class time: 40 hours weekly

Requisites: Pre-inscription and candidate selection

Final end of course project: Yes

Inscription period: From november 5th to september 10th 2020 (CET)

Academic period: October 1st to 30th 2020 (both inclusive)



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European University

The European University is an innovative and prestigious educational institution with more than 16,000 students, which leads the Spanish private higher education market. Its mission is to provide its students with a comprehensive education, training leaders and professionals to be prepared to respond to the needs of the global world, providing value in their professions and contributing to social progress with an entrepreneurial spirit and ethical commitment. It is comprised of three university centres: European University of Madrid, European University of Valencia and European University of the Canary Islands. These centres are home to four Faculties and Undergraduate Schools, Advanced Training Cycles, as well as the European University Postgraduate School, the University Law School - Cremades & Calvo-Sotelo and the Real Madrid University School - European University.





Ayudamos a construir un mundo mejor
Helping to build a better world
Nous aidons à construire un monde meilleur



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