

# **ROAD AWARENESS FOR UNIVERSITY STUDENTS**

## **Driver awareness and road safety for college students**

### **Degree in Occupational Therapy**

#### **Academic year 2025-26**

**Code:** 805410.

**Module:** 5.

**Subject:** Complementary training.

**Subject type:** Elective.

**Aimed at:** students of all courses of the Occupational Therapy Degree.

**Department:** Public and Maternal and Child Health. Preventive Medicine and Public Health Teaching Unit.

**Credits:** 3 ECTS.

**Teaching period:** Second Semester.

**Start date:** February. The teaching days of the subject will be communicated with sufficient advance notice on the virtual campus and also by means of a notice on the virtual campus.

**Hours:** 16:00 to 20:00.

**Location:** Classroom 4 of the Department of Public and Maternal and Child Health and in different Units of the Municipal Police Corps related to traffic accidents.

**Number of students:** 30.

### **FACULTY**

**Coordinator:** Rodrigo Jiménez García      Email: [rodrijim@ucm.es](mailto:rodrijim@ucm.es)

**Teachers:** Rodrigo Jiménez García and Municipal Police personnel

### **SHORT DESCRIPTION**

The misuse of means of transportation and the inappropriate behavior of some road users causes accidents to occur and with them, all their negative aspects or consequences. The age group between 15 and 24 years is the most affected by traffic accidents. Young people have a rate of 75 deaths per million inhabitants. In 2013, 114 people died, while in 2014 there was a decrease of 8%, according to data from the General Directorate of Traffic. We are facing a sector of the population with a significant risk of suffering traffic accidents with specific characteristics such as: little driving experience, consumption of alcohol and other types of addictive substances, in addition to underestimation of the risk. To all this, we must add that their leisure patterns include nighttime hours, drinking, and other circumstances that make them more vulnerable, as will be seen in the development of the different contents of this subject. Information, training and road education must be considered as the basis and guarantee for Road Safety, hence all of us who are related to education and training must get involved, so that we join efforts to generate attitudes in people. and road values that promote safe mobility and a tolerant and peaceful coexistence between all road users as pedestrians, drivers or travelers. This reality motivated the signing of a collaboration agreement with the Complutense University of Madrid and the development of a Road Awareness program with the aim of contributing to reducing road accidents in this sector of the population and raising awareness of the public health problem they pose. the accidents. These courses are aimed at university students who are training to work as healthcare workers in the future, which will ensure that these future professionals become essential allies in the prevention of road accidents.

## COMPETENCES

They are those corresponding to the Module and Subject to which this subject belongs.

**General Competencies:** CG.01. CG.05. CG.07. CG.18

**Specific Competencies:** CE.M 5.1. CE.M 5.2. CE.M 5.3. CE.M 5.4. CE.M 5.5

## GOALS

### General

Inform the student of the keys to traffic in Madrid and identify risk situations prior to a traffic accident, mainly from the driver's perspective, and promote safe and preventive road attitudes, to avoid traffic accidents and their negative consequences.

### Specific

1. Know the characteristics of traffic in a large city and the incidence of unexpected circumstances.
2. Identify the different causes of traffic accidents associated with young drivers.
3. Identify the characteristics and technological resources of vehicles on active and passive safety and know the negative consequences derived from their incorrect use.
4. Participate in road awareness by acquiring safe mobility attitudes and habits that raise awareness and serve as an example.
5. Know the relationship between certain violations and traffic accidents.
6. Analyze the media and advertising message regarding the automobile.
7. Know the risk groups and the measures used to avoid their impact on accidents.
8. Recognize the opportunities that the exercise of pedagogy has in the current perception of traffic accidents. Fields of action, sensitive groups.
9. Know the magnitude of traffic accidents.
10. Raise awareness that the human factor is essential for the prevention of traffic accidents.

## TEACHING CONTENT

### THEORETICAL

#### 1.X-RAY OF THE TRAFFIC ACCIDENT IN MADRID

- a. Features of urban traffic: an excuse for the accident.
- b. The map of the traffic accident in Madrid.
- c. The causality of the accident and the human trigger.

#### 2. TRAFFIC ACCIDENT PREVENTION TACTICS: ROAD EDUCATION THE BEST RESOURCE TO AVOID ACCIDENTS:

- a.. Operational-police measures for the prevention of accidents in Madrid.
- b. Road education as a strategy to achieve traffic safety.
- c. Young people and traffic accidents.

#### 3. ADMINISTRATIVE AND CRIMINAL LEGISLATION ON TRAFFIC ILLICIT:

- a.. Obligations in the event of a traffic accident.
- b. Mandatory documentation and technical reviews.
- c. Rights and duties of the pedestrian, the passenger of different means of transport and the driver in general.
- d. Traffic regulations: Road Safety Law, implementing regulations and legislative developments.

#### 4. THE TRAFFIC ACCIDENT, AN OPPORTUNITY FOR PEDAGOGY:

- a. Intensity of the problem.
- b. Groups of affected people (in training stages).
- c. Advertising and image of the automobile in the media, in advertising and in cinema.
- d. Low perception of risk. and
- e. Subsequent penalties for road behavior.

#### **PRACTICAL**

1. TECHNICAL VISIT to the TRAFFIC REPORTS UNIT. Calle del Plomo, 14
2. TECHNICAL VISIT to the SPECIAL TRAFFIC UNIT. Planetarium Avenue s/n
3. TECHNICAL VISIT to the ROAD AND CIVIC EDUCATION UNIT. Luis de Hoyos Sainz Street, 49

#### **TEACHING METHODOLOGY**

The methodology to be followed will be active and dynamic, encouraging student participation and encouraging deep reflection on the causes and consequences of traffic accidents. The use of guided debates and group dynamics will be included in this methodology. Different visits will be made to the Municipal Police offices responsible for the prevention of accidents, the study and analysis of their causes, as well as the preparation of police procedures regarding the commission of crimes in the context of traffic. Contacts will be established with non-governmental groups and associations, involved in the reduction of accidents, in order to analyze their different problems, learning "in situ" the pedagogical activity of road safety education monitors in schools and institutes.

#### **EVALUATION CRITERIA**

Given the characteristics of this subject, ATTENDANCE to all theoretical classes and technical visits is an ESSENTIAL REQUIREMENT to be able to pass the subject. Possible absences must be adequately justified. Those students who have a justified lack of attendance must complete complementary work, proposed by the teachers, in order to aspire to the maximum grade, otherwise they will only be able to obtain the maximum grade of passing.

With 2 or more absences it IS NOT POSSIBLE to pass the subject.

The exam will consist of 35 multiple choice questions and two open questions to be developed.

The multiple choice exam contributes 50% to the final grade, and the development questions contribute 25% each.

#### **BASIC BIBLIOGRAPHY**

- Alonso, F., Esteban, C., Calatayud C., Pastor J.C., Alamar B., Medina J.E., (2007). "Social Behavior in Traffic: Foundations for Intervention." Attitudes.
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- Organic Law 1/2015, of March 30, which modifies Organic Law 10/1995, of November 23, of the Penal Code.
- López-Muñiz M. (1995). "Traffic accidents. Problems and research." Madrid: Ed. Colex. Manso Pérez, V and Castaño Pardo, M (2008): "Education and Road Safety. The contribution of social agents in safe mobility." Madrid: Etrasa.
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- Royal Legislative Decree 339/1990, of March 2, which approves the Articulated Text of the Law on Traffic, Circulation of Motor Vehicles and Road Safety (In force until January 31, 2016).
- Royal Legislative Decree 8/2004, of October 29, which approves the consolidated text of the Law on civil liability and insurance in the circulation of motor vehicles (In force until January 1, 2016).
- Royal Decree 1428/2003, of November 21, which approves the General Traffic Regulations for the application and development of the articulated text of the Law on traffic, circulation of motor vehicles and road safety, approved by the Royal Decree Legislative 339/1990, of March 2.
- Royal Decree 818/2009, of May 8, which approves the General Regulations for Drivers (In force until December 31, 2015).
- Royal Decree 320/1994, of February 25, which approves the Regulation of Penalty Procedures regarding Traffic, Circulation of Motor Vehicles and Road Safety. (BOE 04-21-1994)
- Sanz Aludan, A. (2008). "Calming traffic. Steps for a new culture of urban mobility." Madrid: D.G. Planning; Publications Center, Ministry of Public Works.
- Valdés Rodríguez, E. and González Luque, J. C. (2013). "Behavior and first aid in case of a traffic accident." Madrid: General Directorate of Traffic.
- World Health Organization. (2004). "WHA57.10 Road safety and health." Eighth plenary session, May 22, 2004, Commission A, second report. Geneva: World Health Organization.
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- World Health Organization. Regional Office for Europe. (2009). "European status report on road safety: towards safer roads and healthier transport choices". Copenhagen: World Health Organization.
- World Health Organization. (2013). "Global status report on road safety 2013" Geneva: Department of Violence, Injury Prevention and Disability (VIP).