

Academic Year: (2019 / 2020)

Review date: 06-05-2020

Department assigned to the subject: Criminal Law, Procedural Law and History Law Department

Coordinating teacher: ZAFRA ESPINOSA DE LOS MONTEROS, MARIA

Type: Electives ECTS Credits : 3.0

Year : 1 Semester : 0

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

For studies of this subject it is recommended to be introduced with the development of the evidential process in Criminal Law.

OBJECTIVES**BASIC SKILLS**

- Acquisition of the knowledge in Criminalistics that helps to develop ideas and to apply them in practice.
- Application of the knowledge in Criminalistics to the solution of legal problems in much broader contexts.
- Abilities to communicate clearly and without ambiguities with specialised and non-specialised audience.
- Learning skills that enable to continue studying in a manner that to large extent will be self-directed or individual.

GENERAL SKILLS

- Demonstration that the knowledge on basic research methods and principles of Criminalistics has been acquired.
- Management of information sources of the Criminalistics.
- Elaboration of scientific-legal texts and carrying out efficiently their analysis.
- Application of knowledge about Criminalistics in performance of legal functions.

SPECIFIC SKILLS

- Knowledge of the areas of the forensic science, its functions and utility from the perspective of the police, the judicial and forensic authorities.
- Knowledge procedures of collection of different types of proves, their transformation into legal evidences and their use in the trial from the perspective of the police, forensic, expert and the defence of the accused person.
- Knowledge the chain of custody of the evidence and relative conduct procedures of the police and judicial authorities.

DESCRIPTION OF CONTENTS: PROGRAMME

1. FORENSIC SCIENCE AND THE CRIME SCENE. CHAIN OF CUSTODY OF THE FORENSIC EVIDENCE.
 - Criminalistics in the world of science.
 - History and definitions of the branches of criminalistics.
 - Legality and the chain of custody.
 - The crime scene as the first element of the police investigation.
2. FORENSIC ENTOMOLOGY.
 - Definition and scope.
 - Insects as a source of information.
 - Method, investigation and forensic report.
3. FORENSIC GRAPHOLOGY
4. FORENSIC PHOTOS
 - Definitions and scopes.
 - New police photo.
 - The future of the forensic image: the infography.
 - High quality hearing of the law enforcement. Forensic acoustics as a method of identification.

- Method and investigation.
- 5. FORENSIC BALLISTICS.
 - Definition and scope.
 - Forensic ballistics, ballistics of effects and ballistics of injuries.
 - Types of arms and their relation with ammunition.
 - Bladed weapons. The relevance for forensics.
 - Identification, method and investigation.
- 6. IDENTIFICATION I: DACTILOSCOPIC DATA
 - Definition and scope.
 - Fingerprints, method, identification and their relevance for the police and forensics.
- 7. IDENTIFICATION II: DNA,
 - method,
 - identification and their relevance for the police and forensics.
 - Legality.

LEARNING ACTIVITIES AND METHODOLOGY

On-line part: presentation of theoretical material, case study and analysis of the case law using presentations, videos, notes, forums and on-line tutorships.

In-person part: seminar with invited speakers, resolution of doubts.

ASSESSMENT SYSTEM

Ordinary call:

- Case study or report- 40%
- Participation in forums - 30%
- Multiple choice test during the weeks in Madrid - 30%

Extraordinary call (June) IN-PERSON:

- 100% Exam (multiple choice or open questions) or case study/report

In any case, the absence in the presential phase of the course prevents from getting the title.

% end-of-term-examination:	30
% of continuous assessment (assignments, laboratory, practicals...):	70

BASIC BIBLIOGRAPHY

- De Guzmán, Carlos A. Manual de Criminalística (2ª Edición), B de F, 2011

ADDITIONAL BIBLIOGRAPHY

- 1994: García Andrade, José Antonio Lo que me contaron los muertos, Temas de Hoy, 1994
- 2003: Álvarez Saavedra, Félix José Diccionario de Criminalística, Planeta, 2003
- 2007: García-Pablos de Molina, Antonio Manual de Criminología, Tirant lo Blanch , 2007
- 2009: Owen, David El libro de los forenses. 50 crímenes resueltos por la ciencia, Océano Ámbar, 2009
- 2009: Soleto Muñoz, Helena La identificación del imputado : rueda, fotos, ADN...de los métodos basados en la percepción a la prueba científica, Tirant lo Blanch, 2009
- 2010: Azadón, María José y Robledo, María Mar Manual de criminalística y ciencias forenses: técnicas forenses aplicadas a la investigación criminal, Tebar, 2010
- 2012: De Antón y Barberá, Francisco y de Luis y Turégano, Juan Vicente Policía Científica (5ª Edición) (2 vols.) , Tirant lo Blanch, 2012
- 2013: Ibañez Peinado, José Técnicas de investigación criminal, 2ª edición, Dykinson, 2013
- 2013: Muñoz Sabato, Lluís Curso superior de probática judicial. Cómo probar los hechos en el proceso, La Ley, 2013
- 2013: Soleto Muñoz, Helena, Alcoceba Gil, Juan Manuel Protección de datos y transferencia de perfiles de ADN" en Las Bases de Datos Policiales de ADN, Dykinson, 2013
- 2014: Soleto Muñoz, Helena, Alcoceba Gil, Juan Manuel Perfiles de ADN y protección de los derechos del ciudadano? en Justicia penal y derecho de defensa (Un estudio hispanoitaliano sobre proceso penal

y garantías), Tirant lo blanch, 2014

- 2015: Alcoceba Gil, Juan Manuel ¿Tratamiento y transmisión de datos genéticos con fines de investigación penal en la UE?, Thomson Reuters Aranzadi, 2015, p. 609-652
- 2015: Bosquet, Sergio Criminalística forense, Tirant lo Blanch, 2015
- 2015: Ibáñez Peinado, José Métodos, técnicas e instrumentos de la investigación criminológica, Dykinson, S.L, 2015
- 2016: Soletto, Helena Garantías y errores en la investigación penal. Ciencia versus Memoria, Tirant lo blanch, 2016
- 2016: Soletto, Helena Parámetros europeos de limitación de derechos fundamentales en el uso de datos de ADN en el proceso penal, Revista General de Derecho Procesal, No. 38, 2016

BASIC ELECTRONIC RESOURCES

- Cuerpo Nacional de Policía . Comisaría General de Policía Científica:
http://www.policia.es/org_central/cientifica/com_cientifica.html
- Ministerio de Justicia . Instituto Nacional de Toxicología y Ciencias Forenses:
https://www.administraciondejusticia.gob.es/paj/publico/ciudadano/informacion_institucional/organismos/instituto_nacional_de_toxicologia_y_ciencias_forenses/!ut/p/c5/04_SB8K8xLLM9MSSzPy8xBz9CP0os3gzT1dTz6BgExPjUBcTA0_jsDDXAA9fAwNXI6B8JG55EwNidBvgAl6EdleDXItbRbAZfnkTlwLyBhB5PO7z88jPTdUvyA2NMMj01AUA6k8A_w!!/dl3/d3/L2dBIS9nQSEh/