

**COURSE DATA****Data Subject**

<b>Code</b>	35078
<b>Name</b>	Legal Medicine
<b>Cycle</b>	Grade
<b>ECTS Credits</b>	6.0
<b>Academic year</b>	2022 - 2023

**Study (s)**

<b>Degree</b>	<b>Center</b>	<b>Acad. year</b>	<b>Period</b>
1302 - Degree in Criminology	Faculty of Law	2	First term
1923 - D.D. in Law-Criminology	Faculty of Law	2	First term

**Subject-matter**

<b>Degree</b>	<b>Subject-matter</b>	<b>Character</b>
1302 - Degree in Criminology	16 - Legal medicine and forensic sciences	Obligatory
1923 - D.D. in Law-Criminology	3 - Year 2 compulsory subjects	Obligatory

**Coordination**

<b>Name</b>	<b>Department</b>
CASTELLO PONCE, ANA	265 - Prev. Medicine, Public Health, Food Sc., Toxic. and For. Med.

**SUMMARY**

Legal Medicine, is the area of the Medicine that is involved in the resolution of the problems of Law.

In addition to his care work, the doctors can be required like advisers of the Justice, elaborate an expert report on a determinate case.

Of the same form that the Medicine, the other areas of the Science have a slope as assistance of Law.

Legal Medicine devotes to know as they apply the knowledges that derive of the Medicine and the Sciences, to the resolution of legal cases.

It is therefore of practical theoretical character because in addition to the knowledges purchased in the



classes, is necessary to know using them in the real cases.

## PREVIOUS KNOWLEDGE

### Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

### Other requirements

No

## OUTCOMES

### 1302 - Degree in Criminology

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## LEARNING OUTCOMES

Know the scope and limits of the expert proof in Legal Medicine.

Know interpret a expert proof of the field of the Legal Medicine

Know collaborate with an expert in the realisation of a expert proof of the field of the Legal Medicine.

## DESCRIPTION OF CONTENTS

### 1. INTRODUCTION

Concept of Legal and Forensic Medicine. Classification by contents and by field of application. Importance of his study.

### 2. FORENSIC THANATOLOGY

Subject 2: Evolution of the corpse. Concept of Forensic Thanatology.

Subject 3: Evolution of the corpse. Study of the signs of death, his evaluation, the data that deduce of his determination (I)

Subject 4: Evolution of the corpse. Study of the signs of death, his evaluation, the data that deduce of his determination (II)

Subject 5: legal medical Problems in relation with the death. Classification of the types of death attending



to his origin and to the rapidity with which produces. Study of the signs of agony.

Subject 6: legal medical Problems in relation with the death. Time of death.

Subject 7: Evaluation of the injuries in the corpse. I diagnose differential between vital and no vital injuries.

### 3. FORENSIC PATHOLOGY

Subject 8: medical Study-legal of wounds(I)

Subject 9: medical Study-legal of the wounds(II)

Subject 10: mechanical Asphyxias. Concept of asphyxia. Classification of the different types of asphyxia. Forensic study of the suffocation.

Subject 11: mechanical Asphyxias. Forensic study of strangulation and hanging forensic study of the asphyxia by drowning.

Subject 12: Injuries and death produced by acute objects.

Subject 13: Injuries and death produced by firearms.

Subject 14: Forensic medical study of the attacks against the freedom and sexual indemnity.

Subject 15: Legal medical problems in relation with the recently born. Study of the violent death of the recently born. Diagnostic of the birth with life.

### 4. SEMINARS

1. Sources of information and bibliographic research in Legal Medicine and Forensic Sciences.
2. Seminar on forensic evidence in Legal Medicine and Forensic Sciences(I)
3. Seminar on forensic evidence in Legal Medicine and Forensic Sciences (II)
4. Seminar on Forensic Biology (I)
5. Seminar on Forensic Biology (II)
6. Seminar on Forensic Genetics (I)
7. Seminar on Forensic Genetics (II)
8. Seminar on forensic study of no biological samples (I)
9. Seminar on forensic study of no biological samples (I)
10. Seminar on legal medical Autopsy (I)
11. Seminar on legal medical Autopsy (II)
12. Study of practical cases: forensic medical Study of the injuries and death produced in relation with the traffic of vehicles.
13. Study of practical cases (II)
14. Study of practical cases (III)
15. Study of practical cases (IV)

### 5. COMPLEMENTARY ACTIVITIES

Complementary Activity: Seminar on Communication no verbal applied

Complementary Activity: Seminar on Forensic Toxicology



## WORKLOAD

ACTIVITY	Hours	% To be attended
Theoretical and practical classes	60,00	100
Study and independent work	24,00	0
Readings supplementary material	10,00	0
Preparation of evaluation activities	24,00	0
Preparing lectures	21,00	0
Preparation of practical classes and problem	11,00	0
<b>TOTAL</b>	<b>150,00</b>	

## TEACHING METHODOLOGY

Teaching is taught through a system of classes face-to-face, of a theoretical-practical nature.

In addition to adding work through the virtual classroom, where opinion forums will be proposed.

## EVALUATION

The evaluation consists of:

### 1. Examination:

Compulsory Proof. It corresponds to 70% of the final note

It contains 10 questions (six of theory and four questions) to develop in a maximum time of an hour and fifteen minutes. The questions will correspond so much to the agenda of both theory and seminars classes.

Five questions rated with a zero, is the suspense of the exam, regardless of the note corresponding to the remainder.

The use of correctors such as tipex or similar is not allowed. Its use assumes a score of zero (0) in the question.

### 2. Complementary activities:

It contributes with 30% of the final note. It consists of:

Fòrums d'opinió: la participació en els fòrums d'opinió que s'obriran a l'aula virtual, suposarà un increment de la nota de fins a un 30%. Es valorarà no sols el nombre de contribucions, sinó la seua continuïtat al llarg del curs i la seua qualitat.



The increase of the note by Forums, will apply only when the punctuation of the proof described in the section 1 (examination) will be approved.

The scores that correspond to the numerical value of the evaluation are as follows:

From 0 to 4.94 Suspense

From 4.95 to 6.94 Approved

From 6.95 to 8.94 Notable

From 8.95 Outstanding

- Upon review of the review-

Exam review will always read in its entirety, question by question.

## REFERENCES

### Basic

- Medicina Legal y Toxicología 6ª Ed. Juan Antonio Gisbert Calabuig. Barcelona: Ed. Masson; 2004
- ¿Qué dice el Forense? 3ª Ed. Fernando A. Verdú Pascual. Granada:Comares; 2014
- Què diu el Forense? 1ª Ed. Fernando A. Verdú Pascual. Valencia:Universitat de València; 2006
- Tratado de Medicina Legal y Ciencias Forenses. S. Delgado, F. Bandrés, J. Lucena (coordinadores). Madrid: Bosch; 2011
- Forensic Pathology 3ªEd. Saukko P, Knight B. Londres: H Arnold; 2004
- Del indicio a la evidencia. Técnicas de Criminalística. Fernando Verdú (coordinador), Mercedes Álvarez, Ana Castelló, Marcos Miquel, M. Carmen Negre, Hugo Rodriguez, Fernando Verdú Castillo. Granada:Comares; 2006
- El diagnóstico de la muerte. Fernando A. Verdú Pascual. Comares. Granada, 2015

### Additional

- Escena del crimen. Estudio medicolegal y criminalístico. Luis Alberto Kvitko. Buenos Aires:Ediciones La Rocca; 2006
- Manual de Química Forense. Ana Castelló Ponce. Granada:Comares; 2009
- El ADN y la identificación en la investigación criminal y en la paternidad biológica. Lorente JA, Lorente M. Granada: Editorial Comares; 1995
- Un detective llamado ADN: Tras las huellas de criminales, desaparecidos y personajes históricos. Jose A. Lorente Acosta. Editorial: Temas de hoy; 2004



- Huellas dactilares. Colin Beavan. Barcelona:Alba ed; 2001
- Forensic evidence: science and the criminal law. Terrence F. Kiely. Nueva York: CRC Press; 2001
- The Practice of Crime Scene Investigation. John Horswell. Nueva York: CRC Press;2004
- Maltrato y abuso sexual de menores. Una revisión crítica. Hugo Rodríguez Almada. Granada: Ed Comares; 2006