

**Private Research**

Code: 101870  
ECTS Credits: 6

Degree	Type	Year	Semester
2502501 Prevention and Integral Safety and Security	OT	4	0

### Contact

Name: Miguel Ángel Robles Llorente  
Email: MiguelAngel.Robles@uab.cat

### Use of Languages

Principal working language: spanish (spa)  
Some groups entirely in English: No  
Some groups entirely in Catalan: No  
Some groups entirely in Spanish: No

### Prerequisites

This subject doesn't have any pre-requierments

### Objectives and Contextualisation

The main objective of the subject is focused on the most critical and contemporary aspects of the professional activity. This will take place through theoretical and practical application and reasoning the content and development of technical reports.

Specific formative objectives are:

- Improvement on learning and analyzing skills and their practical application.
- Develop a capability on project elaboration, design and management. Proficiency on searching and managing information.
- Develop a capability on analyzing, synthesizing and selecting critical information for a technical development of specific matters and its integration on security and investigation.
- To assimilate theoretical and practical tasks linked directly to the private investigator profession.
- To discern the relevance of the aspects involved in operative investigation and to be able to delimitate the way of acting according to the specific legislation.
- Development of critical and autocritical capacity. To perform professional activity according to ethical and deontological concepts.

### Competences

- Apply the legal regulations governing the sector of prevention and integral security.
- Assume the social, ethical and professional responsibility that derives from professional practice.
- Be able to adapt to unexpected situations.
- Carry out analyses of preventative measures in the area of security.
- Efficiently manage human resources.

- Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.
- Identify, manage and resolve conflicts.
- Plan and coordinate the resources of the three large subsystems that interact in questions of security: people, technology and infrastructures.
- Respond to problems applying knowledge to practice.
- Use the capacity for analysis and synthesis to solve problems.
- Work in institutional and interprofessional networks.

## Learning Outcomes

1. Apply the rules of professional practice for private security and private research.
2. Assume the social, ethical and professional responsibility that derives from professional practice.
3. Be able to adapt to unexpected situations.
4. Diagnose the situation of integral security in companies and organisations.
5. Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.
6. Identify, manage and resolve conflicts.
7. Plan and manage prevention and security in accordance with the prevailing legislation applicable in the sector.
8. Respond to problems applying knowledge to practice.
9. Select the minimum resources for efficient risk management.
10. Undertake collaborative management of private security plans.
11. Use the capacity for analysis and synthesis to solve problems.
12. Work in institutional and interprofessional networks.

## Content

The subject is divided in three parts:

Part 1 - Intellectual Property: Industrial Property and Author Rights.

Part2 - Personal Identification and Expert Investigation: Dactiloscopia, Lophoscopia and Footprints. - Biological Samples and their analysis: DNA. - Forensic Sound and Image. - Expert Inspection: Traces and custody chain. - Forensic ballistic. - Fire Technical Investigation.

Part 3 - Documentoscopia. - Forensic Calligraphy Expertise. - Handwriting as coadjuvant on documental security.

Lessons

Lesson 1.- Introduction to the subject. - Intellectual Property. Protection models on intellectual property.

Lesson 2.- Trademarks distinctive elements. Practice.

Lesson 3.- The protection of innovations (1). Practice.

Lesson 4.- Rights of author. Plagiarism. Practice.

Lesson 5.- Criminalistics. The scientific method and the work of the investigator.

Lesson 6.- Personal identification. Dactiloscopia. Lophoscopia. Expertise ocular inspection. Biometric identification. Footprints.

Lesson 7.- New advances on scientific investigation: forensic ballistics, genetics and general biology, the DNA, chemical analysis of remains and forensic entomology.

Lesson 8.- Expertise ocular inspection. Traces and custody chain.

Lesson 9.- Forensic acoustics. Spectrograms. Vocal Passport.

Lesson 10.- Technical investigation of fires.

Lesson 11.- Security elements on identification documents.

Lesson 12.- Security elements on currency. Plastic money.

Lesson 13.- Bank tickets: Euro and Dollar.

Lesson 14.-Graphoscopy: origin and laws on handwriting.

Lesson 15.- Origin and elements on signature.

Lesson 16.- Fake signatures: elements of identification.

## Methodology

Lectures will be conducted according to a magistral methodology where the teacher will expose the theoretical aspects of subject of study. On practical sessions the students will work individually or in team, discussing and solving specific cases. Theoretical knowledge will be evaluated through writing tests. Practical skills will be evaluated through elaboration of individual tasks.

Furthermore, every student will search for documentation and will elaborate personal work about lectures conducted during the course.

The tutorials with the Professor concluded by email.

## Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Magistral lessons with TICsupport and active participation of the students.	44	1.76	1, 4, 8, 5, 10, 9, 12, 11
Type: Supervised			
Support tutoring for elaboration of theoretical-practical and fieldworks.	12	0.48	3, 1, 8, 5, 7
Type: Autonomous			
Elaboration, exposition and debate of exercise and practical cases individually or in group.	94	3.76	2, 4, 8, 5, 6, 9, 12, 11

## Assessment

The main purpose of the proposed planning is to achieve the continuous evaluation of the student.

1. Writing tests: every student, individually, will take three writing tests, one for each part of the subject. Exams will be test type from 30 to 50 four-option questions, some of them with multiple right answers (this will be specified) There may be questions that require complete requirements or concepts. If it is suspended any written proof of block can recover in the final examination and if not approved shall attend the final examination of reassessment. These tests correspond to 40% of the final grade.

2. Individual theoretical-practical works: Simple works for each part of the subject or more complex ones will be proposed by teacher criteria. These will consist on practical application of most relevant theoretical aspects of each part, individually or in group. These works correspond to 30% of the final grade.
3. Practical fieldworks: works about practical aspects derived from a real situation related to the three parts of the subjects will be programmed, preferably in group. These will correspond to 30% of the final grade.

Formal writing, redaction, orthography and communicative skills will be evaluated as minimal requirements to pass the subject.

Every single evaluation test can be reviewed, by previous demand from the student.

Reevaluation final exam: continuous evaluation will not take place if one or more tasks are not presented. In this case the 100% of the final grade will come from the final examen on february. Passing this exam will correspond to a final grade of 5 in the subject.

To participate in the recovery the students must have been previously evaluated in a set of activities, the weight of which equals a minimum of two thirds of the total grade of the subject. However, the qualification that will consist of the student's file is a maximum of 5-Approved.

With no prejudice of additional disciplinary measures according to current academic legislation, irregularities committed by a student will be qualified as zero (0), e.g. plagiarize, copy or let copy... One of these activities during the evaluation will connote failing this evaluation test as zero (0). Evaluation activities failed this way will not be recoverable, so if any of these activities are needed to pass the subject, the subject will be failed directly with no opportunity to be recovered in the same course

## Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Individual theoretical-practical works	30%	0	0	3, 1, 8, 5, 7, 9
Practical fieldworks (in the classroom)	30%	0	0	4, 8, 5, 10, 7, 12, 11
Writing tests	40%	0	0	1, 2, 4, 8, 5, 6, 7, 9, 12, 11

## Bibliography

### Essential Bibliography

- ANTÓN BARBERÁ F. y DE LUIS TURÉGANO J.V., *Policía Científica (2 vols)*, Ed. Tirant lo Blanch, Valencia, 2004.

- BERCOVITZ RODRÍGUEZ-CANO R., *Comentarios a la Ley de Propiedad Intelectual*, Ed. Tecnos S.A., Madrid, 2007.

- ROBLES LLORENTE M.A. y VEGA RAMOS A., *Grafoscopia y Pericia Caligráfica Forense*, Ed. Bosch, Barcelona, 2009.

### Complementary Bibliography:

- ANTÓN BARBERÁ F. y MÉNDEZ VAQUERO F., *Análisis de textos manuscritos, firmas y alteraciones documentales*, Ed. Tirant lo Blanch, Valencia, 1998.

- ASSOCIATION LITTÉRAIRE ET ARTISTIQUE INTERNATIONALE, *La protección de las ideas*, Alai, Jornadas de estudio Sitges octubre 1992.

- GARCÍA PINDADO, M. y otros, *Identificación (tomo I)*, División de Formación y Perfeccionamiento del Cuerpo Nacional de Policía, Madrid, 1990.
- GAYET J., *Manual de la Policía Científica*, Ed. Zeus, Barcelona, 1962.
- LOCARD, E., *Manual de Técnica Policiaca*, Editorial José Montesó, Barcelona, 1963.
- ROBLES LLORENTE M.A., *La escritura y la firma manuscrita como elementos coadyuvantes de la seguridad documental*. Tesis doctoral UAB, 2015.
- SERRANO GARCIA P., *Grafística. Manual de Documentoscopia o examen y peritaje de documentos*, Imprenta Justo López, Madrid 1953.
- VEGA RAMOS A. y ROBLES LLORENTE M.A., *Grafoscopia. Identificación de escritura y firmas*. Ed. Cedecs, Barcelona, 2000.
- VILLEGAS E. M. y PRIETO MARTIN J., *Proceso gráfico: Graphic process*, Europol, Salamanca, 2003.
- *Glosario del Consejo de la Unión Europea de seguridad de los documentos:*

<http://prado.consilium.europa.eu/es/glossarypopup.html>

Información sobre Propiedad Intelectual:

<http://www.oepm.es>

<https://euipo.europa.eu>

<http://www.wipo.int>