

68404 - Legal medicine and toxicology research

Información del Plan Docente

Academic Year	2016/17
Academic center	104 - Facultad de Medicina
Degree	530 - Master's in Introduction to Medical Research
ECTS	5.0
Course	1
Period	Indeterminate
Subject Type	Optional
Module	---

1.Basic info

1.1.Recommendations to take this course

1.2.Activities and key dates for the course

2.Initiation

2.1.Learning outcomes that define the subject

2.2.Introduction

3.Context and competences

3.1.Goals

3.2.Context and meaning of the subject in the degree

3.3.Competences

3.4.Importance of learning outcomes

4.Evaluation

5.Activities and resources

5.1.General methodological presentation

Learning ACTIVITIES

Will be carried out in three different stages

Along them, the student will gain in participation, prominence and autonomy in the learning process and the identification of ethical and legal issues different lines of biomedical research raise.

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Also on the relationship between the technical and scientific advances and the practical work in Forensic Medicine, Occupational Medicine and Toxicology

5.2.Learning activities

LEARNING ACTIVITIES

stage 1: Lectures on research issues of particular relevance.

stage 2: Interactive seminars. Firstly the teacher will update the main issues of the scientific subject for about 20minutes. Secondly, along the next 15 minutes an analysis of scientific articles will be carried out, finally 20 minutes will be dedicated to discussion and drawing conclusions.

stage 3: Working addressed: will be held in the classroom and at the end of each chapter. For 55 minutes, the student must analyze a research in Forensic Medicine from different perspectives (scientific, ethical, legal and judicial) or on Occupational Medicine or Toxicology. At that session discussion among peers will be opened and final conclusions will be presented.

Alternatively, will be offered to students the possibility of complementary activities on any of the content or issues analyzed, if necessary by using e-learning systems, virtual patients, etc.

5.3.Program

Program

1. INTRODUCTION TO SCIENTIFIC RESEARCH (FORENSIC MEDICINE, TOXICOLOGY AND OCCUPATIONAL MEDICINE)
- 2 . SCIENTIFIC RESEARCH ON FORENSIC GENETICS, POPULATION GENETICS AND ANTIC DNA
3. SCIENTIFIC RESEARCH ON OCCUPATIONAL MEDICINE
4. SCIENTIFIC RESEARCH IN TOXICOLOGY

5.4.Planning and scheduling

Teaching Schedule

MONDAY: 13,20,27 March ; TUESDAY:4,18, 25 April; MONDAY: 8,15 May.

5.5. Bibliography and recommended resources

Scientific research on Forensic Medicine:

<http://forensicsciencecentral.co.uk/history.shtml>

<http://www.geneticaforense.unizar.es/>

<http://www.medicinatrabajo.es/>

<http://www.virtualpatient-work.net>

http://www.virtualpatient-work.net/files/flyer_virtualpatient-work.net_updated_2012-09-14_.pdf

<http://www.fetoc.es/>

American Academy of Forensic Science

<http://www.aafs.org/>

Federal Bureau of Investigation

<http://www.fbi.gov/>

International Society for Forensic Genetics (ISFG)

<http://www.isfg.org/>

Forensic Science Society

<http://www.forensic-science-society.org.uk/index.html>

The American Society of Crime Laboratory Directors

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<http://www.asclid.org/>

Society of Forensic toxicologists

<http://www.soft-tox.org/>

Forensic Pathology

<http://www.autopsy-md.com>

Australian and New Zealand Forensic Science Society (ANZFSS)

<http://www.anzfss.org.au/>

Canadian Society of Forensic Science

<http://www.csfs.ca/>

Society of Forensic Engineers and Scientists

<http://www.forensic-society.org/>

Société de Médecine Légale et de Criminologie de France

<http://www.smlc.asso.fr/>

European Network of Forensic Science Institutes

<http://www.enfsi.eu/>

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Focus on Forensic. Forensic Education Website

<http://www.forensiceducation.com/>

College of American Pathologists

<http://www.cap.org/apps/cap.portal>

Forensic Medicine for Medical Students

<http://www.forensicmed.co.uk/>

Internet drug index

<http://www.rxlist.com>

Victorian Institute of Forensic Medicine

<http://www.vifm.org/>

Short Tandem Repeat DNA Internet DataBase

<http://www.cstl.nist.gov/div831/strbase/weblink.htm>

Reddy's forensic homepage

<http://www.forensicpage.com/>

Alan Barbour's Forensic Toxicology Page

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<http://www.abarbour.net/>

Crime Library

<http://www.crimelibrary.com/>

Zeno's Forensic Site

<http://forensic.to/forensic.html>

The Pathology Guy

<http://www.pathguy.com/>

Scientific Research on Occupational Medicine:

<http://www.emutom.eu>

<http://www.medicinatrabajo.es>

<http://www.virtualpatient-work.net>

http://www.virtualpatient-work.net/files/flyer_virtualpatient-work.net_updated_2012-09-14_.pdf

Comisión Nacional de Seguridad y Salud en el Trabajo :

<http://www.mtas.es/insht/cnsst/index.htm>

Salud laboral (Ministerio de Sanidad y Consumo):

<http://www.msc.es/ciudadanos/saludAmbLaboral/saludLaboral/home.htm>

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Asociación Española de Especialistas en Medicina del Trabajo:

<http://www.prevencionintegral.com/aeemt/>

Agencia Europea para la Seguridad y la Salud en el Trabajo:

<http://es.osha.europa.eu/>

Asociación de Mutuas de Accidentes de Trabajo:

<http://www.amat.es/>

European Foundation for the Improvement of Living and Working Conditions:

<http://www.eurofound.europa.eu/>

UEMS Specialist Section of Occupational Medicine:

<http://www.uems.net/>

Canadian Centre for Occupational Health and Safety

<http://www.ccohs.ca/resources/>

National Institute for Occupational Safety and Health (USA)

<http://www.cdc.gov/niosh/>

The American College of Occupational and Environmental Medicine:

<http://www.acoem.org/>

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Organización Internacional del trabajo

<http://www.ilo.org/public/spanish/index.htm>

The World Health Organization

http://www.who.int/topics/occupational_health/en