

UNIVERSITY OF ZAGREB SCHOOL OF MEDICINE

Plan of the course

Forensic Medicine

Academic year **2016/2017**

izv. prof. dr. sc. Vedrana Petrovečki
izv. prof. dr. sc. Davor Mayer

I. COURSE AIMS

1. COURSE AIMS

- To give the students the basic theoretical principles from the field of forensic medicine, including the issues of tanatology, forensic traumatology, expert opinion and medical law
- To qualify students to perform external examination of dead body, to recognize signs of death, in order to certificate the fact of death
- To teach students to identify and characterize injuries on the body
- To teach students to recognize the cases of suspicious and non-natural death and to place a request for forensic autopsy
- To provide students with knowledge on proper sampling for toxicology analysis

II. COURSE STRUCTURE

Course hours:

Lectures: 27

Seminar: 17

Practicum: 16

Total hours: 60

1. COURSE STRUCTURE

Lectures (L): 27 hours

Seminars (S): 17 hours

Practicals (P): 16 hours

Total: 60 hours

Lectures will take place in hall: Department of Forensic Medicine and Criminology – Museum

Seminars will take place in hall: Department of Forensic Medicine and Criminology – Museum

III. PLAN OF THE COURSE AND COURSE SCHEDULE

BLOCKS OF THE COURSE

Number of blocks: 1

Block number	Start	End
1.	9.1.2017	20.1.2017

BLOCKS OF THE COURSE

Number of blocks: 1

Block number	Start	End
1.	9.1.2017	20.1.2017

BLOCKS OF THE COURSE SCHEME

Block 1

Date	Time	Group	Course hours type	Theme	Teaching staff
Monday 9.1.2017.	08:30-09:15; NEPOZNATO!!		Lectures	Course introduction	izv. prof. dr. sc. Vedrana Petrovečki
	09:15-11:30; NEPOZNATO!!		Lectures	Tanatology	izv. prof. dr. sc. Vedrana Petrovečki
	12:00-12:45; NEPOZNATO!!		Seminar	Physical injuries	Pero Bubalo, dr. med.
	12:45-13:30; NEPOZNATO!!		Seminar	Regional injuries	Pero Bubalo, dr. med.
Tuesday 10.1.2017.	08:30-10:00; NEPOZNATO!!		Practicum	Forensic autopsy	doc. dr. sc. Marija Baković, Pero Bubalo, dr. med., Petar Škavić, dr. med.
	10:00-10:45; NEPOZNATO!!		Seminar	Sudden natural death	doc. dr. sc. Marija Baković
	10:45-11:30; NEPOZNATO!!		Lectures	Medicolegal death investigation	izv. prof. dr. sc. Davor Mayer
	12:00-13:30; NEPOZNATO!!		Seminar	Crime scene investigation	dr. sc. Josip Pavliček
Wednesday 11.1.2017.	08:30-10:00; NEPOZNATO!!		Practicum	Forensic autopsy	Pero Bubalo, dr. med., Petar Škavić, dr. med., izv. prof. dr. sc. Davor Mayer
	10:00-10:45; NEPOZNATO!!		Lectures	Blunt force trauma	izv. prof. dr. sc. Davor Mayer
	10:45-11:30; NEPOZNATO!!		Lectures	Sharp force trauma	izv. prof. dr. sc. Davor Mayer
	11:30-13:00; NEPOZNATO!!		Practicum	Museum collection tour	doc. dr. sc. Marija Baković
Thursday 12.1.2017.	08:30-10:00; NEPOZNATO!!		Practicum	Forensic autopsy	Petar Škavić, dr. med., doc. dr. sc. Marija Baković, Pero Bubalo, dr. med.
	10:00-10:45; NEPOZNATO!!		Seminar	Injury assessment	prof. dr. sc. Davor Strinović
	10:45-11:30; NEPOZNATO!!		Lectures	Transportation injuries	prof. dr. sc. Davor Strinović
	11:30-12:15; NEPOZNATO!!		Seminar	Traffic accidents analysis	Petar Škavić, dr. med.
	12:15-13:00; NEPOZNATO!!		Seminar	PMI assessment	doc. dr. sc. Marija Baković
Friday 13.1.2017.	08:30-09:15; NEPOZNATO!!		Lectures	Forensic anthropology	dr. sc. Mario Šlaus
	09:15-10:00; NEPOZNATO!!		Seminar	Forensic anthropology	doc. dr. sc. Marija Baković
	10:00-11:30; NEPOZNATO!!		Practicum	Forensic anthropology	doc. dr. sc. Marija Baković
	11:45-12:30; NEPOZNATO!!		Seminar	Forensic odontology	Hrvoje Brkić

Date	Time	Group	Course hours type	Theme	Teaching staff
	12:30-13:15; NEPOZNATO!!		Seminar	Forensic radiology	doc. dr. sc. Marija Baković
Monday 16.1.2017.	08:30-10:00; NEPOZNATO!!		Practicum	Forensic autopsy	Pero Bubalo, dr. med., Petar Škavić, dr. med., doc. dr. sc. Marija Baković
	10:00-10:45; NEPOZNATO!!		Lectures	Asphyxia	prof. dr. sc. Davor Strinović
	10:45-11:30; NEPOZNATO!!		Lectures	Drowning	prof. dr. sc. Davor Strinović
	11:30-13:00; NEPOZNATO!!		Lectures	Gunshot injuries	izv. prof. dr. sc. Davor Mayer
Tuesday 17.1.2017.	08:30-10:00; NEPOZNATO!!		Practicum	Forensic autopsy	Pero Bubalo, dr. med., doc. dr. sc. Marija Baković, Petar Škavić, dr. med.
	10:00-10:45; NEPOZNATO!!		Lectures	Pregnancy-related deaths	prof. dr. sc. Davor Strinović
	10:45-11:30; NEPOZNATO!!		Lectures	Fatalities in childhood	izv. prof. dr. sc. Vedrana Petrovečki
	12:00-12:45; NEPOZNATO!!		Lectures	Forensic genetics	dr. sc. Ivana Furač
	12:45-13:30; NEPOZNATO!!		Seminar	Forensic genetics	dr. sc. Ivana Furač
Wednesday 18.1.2017.	08:30-09:15; NEPOZNATO!!		Lectures	Human identification	prof. dr. sc. Davor Strinović
	09:15-10:00; NEPOZNATO!!		Lectures	Mass disasters	prof. dr. sc. Davor Strinović
	10:30-11:15; NEPOZNATO!!		Lectures	Death in custody	prof. dr. sc. Davor Strinović
	11:15-12:00; NEPOZNATO!!		Lectures	Suicide vs. Homicide	izv. prof. dr. sc. Vedrana Petrovečki
	12:30-13:15; NEPOZNATO!!		Lectures	Medical malpractice	izv. prof. dr. sc. Vedrana Petrovečki
	13:15-14:00; NEPOZNATO!!		Lectures	Professional liability	izv. prof. dr. sc. Vedrana Petrovečki
Thursday 19.1.2017.	08:30-10:00; NEPOZNATO!!		Seminar	Forensic toxicology	izv. prof. dr. sc. Davor Mayer
	10:00-12:15; NEPOZNATO!!		Lectures	Forensic toxicology	dr. sc. Marina Nestić
	12:30-14:00; NEPOZNATO!!		Practicum	Forensic autopsy	doc. dr. sc. Marija Baković, Petar Škavić, dr. med., Pero Bubalo, dr. med.
Friday 20.1.2017.	08:30-10:00; NEPOZNATO!!		Lectures	The legal system	dr. sc. Marin Mrčela
	10:00-11:30; NEPOZNATO!!		Seminar	Expert opinion making	izv. prof. dr. sc. Vedrana Petrovečki
	12:15-13:00; NEPOZNATO!!		Seminar	Discussion/course evaluation	doc. dr. sc. Marija Baković

IV. EXAMINATIONS

Oral examination

V./I. LIST OF LECTURERS AND TEACHING STAFF

1. prof. dr. sc. Davor Strinović
2. izv. prof. dr. sc. Vedrana Petrovečki
3. izv. prof. dr. sc. Davor Mayer
4. doc. dr. sc. Marija Baković
5. Pero Bubalo, dr. med.
6. Petar Škavić, dr. med.
7. dr. sc. Ivana Furač
8. dr. sc. Marina Nestić
9. dr. sc. Mario Šlaus

V./II EXTERNAL ASSOCIATES:

1. Hrvoje Brkić
2. dr. sc. Marin Mrčela
3. dr. sc. Josip Pavliček

V./III UNTENURED LECTURERS:

VI. LITERATURE

A. Obligatory

1. Payne-James, Jones, Karch, Manlove. Simpson's Forensic Medicine. 13th ed., textbook, London: Hodder Arnold Publishers, 2011

B. Additional

1. Madea B. Handbook of Forensic Medicine. Wiley Blackwell, 2014
2. Dettmeyer R, Verhoff MA, Schütz HF. Forensic Medicine. Fundamentals and Perspectives. Springer, 2014
3. Cummings PM, Trelka DP, Springer KM. Atlas of Forensic Histopathology. Cambridge University Press, 2011
4. Saukko P, Knight B. Knight's Forensic Pathology. 3rd ed. London: Arnold Publishers, 2004
5. Payne-James J, Busuttill A, Smock W (ed.). Forensic Medicine – Clinical and Pathological Aspects. London: GMM, 2003
6. Hensge C, Knight B, Krompeche T, Madea B, Nokes L. The Estimation of the Time Since Death in the Early Postmortem Period. 2nd ed. London: Arnold, 2002
7. Di Maio DJ, Di Maio VJM. Forensic Pathology. 2nd ed. Boca Raton: CRC Press, 2001

Also of interest (in Croatian):

1. Škavić J, Zečević D. Načela sudskomedicinskih vještačenja. Zagreb: Naklada Ljevak, 2010
2. Zečević D et al. Sudska medicina i deontologija. 4th ed. Zagreb: Medicinska naklada, 2004
3. Zečević D (ed.). Vještačenje težine tjelesnih ozljeda u krivičnom postupku. Zagreb: Informator, 1985
4. Čović M, Zečević D (ed.). Vještačenja u cestovnom prometu. Zagreb: Informator, 1987

