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| **Naziv predmeta** | **Iznenadna smrt** |
| **Kod** | MFMI… | Godina studija | IV |
| **Nositelj/i predmeta** | prof. dr. sc. Marija Definis-Gojanović, dr. med. | Bodovna vrijednost (ECTS) | 2 |
| Suradnici | dr. sc. Kristijan Bečić, dr. med. | Način izvođenja nastave (broj sati u semestru) | P | S | V | T |  |
| 8 | 12 | 5 |  |
| Status predmeta | Izborni | Postotak primjene e-učenja  | 0 |
| **OPIS PREDMETA** |
| Ciljevi predmeta | Razumijevanje problematike iznenadne smrti i usvajanje znanja o vrstama, uzrocima, mehanizmu i učestalosti, s posebnim naglaskom na naglu prirodnu smrt, posebice kod dojenčadi, male djece, mladih osoba, pri fizičkim aktivnostima, medicinskim tretmanima i zahvatima te u osoba lišenih slobode. Shvaćanje dijagnostičkih postupaka u slučajevima iznenadne smrti. |
| Uvjeti za upis predmeta i ulazne kompetencije potrebne za predmet |  |
| Očekivani ishodi učenja na razini predmeta (4-10 ishoda učenja)  | Po završetku nastave studenti će moći:* navesti glavne uzroke iznenadne smrti odraslih i djece
* pojasniti mehanizme koji dovode do iznenadne smrti
* razlikovati prirodne iznenadne smrti od nasilnih smrti
* objasniti važnost obdukcije i drugih dijagnostičkih metoda
 |
| Sadržaj predmeta detaljno razrađen prema satnici nastave  | Predavanja* prirodna vs. nasilna smrt; iznenadna smrt: pojam, vrste, uzroci, podloga i mehanizam nastanka (P1 – 2 h)
* dijagnostičke metode – važnost obdukcija (P2 – 2 h)
* najčešće iznenadne prirodne smrti (P3 – 2 h)
* posebne teme (P4 – 2 h)

Seminari* razlikovanje iznenadne i nasilne smrti (S1 – 2h)
* upoznavanje s obdukcijama i ulogom mrtvozornika (S2 – 2 h)
* uzroci prirodne iznenadne smrti (S3 – 4 h)
* samostalni seminarski rad (S4 – 4 h)

Vježbe* uzrok, mehanizam i vrsta smrti (V1 – 1h)
* samostalno razlikovanje iznenadne i nasilne smrti (V2 – 1h)
* obdukcijske vježbe (V3 – 1h)
* mrtvozorstvo i iznenadna smrt (V4 – 1h)
* primjeri iznenadne smrti (V5 – 1h)
 |
| Vrste izvođenja nastave: | ☐ predavanja☐ seminari i radionice ☐ vježbe  | ☐ samostalni zadaci  |
|
| Obveze studenata | Nazočnost na nastavi 80% predavanja, 90% seminari i 100% vježbe |
| Praćenje rada studenata *(upisati udio u ECTS bodovima za svaku aktivnost tako da ukupni broj ECTS bodova odgovara bodovnoj vrijednosti predmeta):* | Pohađanje nastave |       |  |       |  |       |
| Seminarski rad |       |  |       |       (Ostalo upisati) |       |
| Pismeni ispit |       |  |       |       (Ostalo upisati) |       |
|  |       |  |       |       (Ostalo upisati) |       |
|  |       |  |       |       (Ostalo upisati) |       |
| Ocjenjivanje i vrjednovanje rada studenata tijekom nastave i na završnom ispitu | Pisani ispit / izrada seminarskog rada. |
| Obvezna literatura (dostupna u knjižnici i putem ostalih medija) | **Naslov** | **Broj primjeraka u knjižnici** | **Dostupnost putem ostalih medija** |
| Zečević D, ur. Sudska medicina i deontologija. Zagreb: Medicinska naklada; 2004. | >10 |  |
| Kumar V, Abbas AK, Fausto N: Robbins and Cotran Pathologic Basis of Disease. 7th ed. Philadelphia: Elsevier Saunders, 2005. |  | *online* |
| Dopunska literatura  | DiMaio VJ, DiMaio D: Forensic Pathology. 2nd ed. Boca Raton: CRC Press, 2001.Payne-James J, Busuttil A, Smock W: Forensic Medicine - Clinical and Pathological Aspects. San Francisco: GMM, 2003.Shepherd R: Simpson's Forensic medicine. 12th ed. London: Arnold, 2003. Berry CL: Pediatric Pathology. 3rd ed. London: Springer, 1996.  |
| Načini praćenja kvalitete koji osiguravaju stjecanje utvrđenih ishoda učenja | -Analiza kvalitete nastave od strane studenata i nastavnika, -Analiza prolaznosti na ispitima, -Izvješća Povjerenstva za kontrolu provedbe nastave, -Izvaninstitucijska evaluacija (posjet timova za kontrolu kvalitete Nacionalne agencije za kontrolu kvalitete, uključenje u TEEP). |
| Ostalo (prema mišljenju predlagatelja) |       |

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| **NAME OF THE COURSE** | **Sudden death** |
| **Code** | MFMI… | Year of study | IV,V |
| Course teacher | prof. dr. sc. Marija Definis-Gojanović, dr. med. | Credits (ECTS) | 2 |
| Associate teachers | dr. sc. Kristijan Bečić, dr. med. | Type of instruction (number of hours) | L | S | E | T |
| 8 | 12 | 5 |  |
| Status of the course | Elective | Percentage of application of e-learning |  |
| **COURSE DESCRIPTION** |
| Course enrolment requirements and entry competences required for the course |  |
| Learning outcomes expected at the level of the course (4 to 10 learning outcomes) | Upon completion students will be able to:* provide the main causes of the sudden death of adults and children
* explain the mechanisms that lead to sudden death
* distinguish between sudden natural death and violent death
* explain the importance of the autopsy and other diagnostic methods
 |
| Course content broken down in detail by weekly class schedule (syllabus) | Lectures* natural vs. violent death; sudden death: concept, types, causes and mechanism of (P1 - 2 h)
* diagnostic tests - the importance of autopsies (P2 - 2 h)
* the most common sudden natural deaths (P3 - 2 h)
* special topics (P4 - 2 h)

Seminars* distinguishing between sudden and violent deaths (S1 - 2h)
* introduction to the autopsies and the role of the coroner (S2 - 2 h)
* the most common causes of natural sudden death (S3 - 4 h)
* individual seminar papers (S4 - 4 h)

Exercises* cause, mechanism and manner of death (V1 - 1h)
* differentiation of sudden and violent deaths (V2 - 1h)
* autopsy exercises (V3 - 1h)
* coroner's role and sudden death (V4 - 1h)
* - examples of sudden death (V5 - 1h)
 |
| Format of instruction | ☐ lectures☐ seminars and workshops☐ exercises  | ☐ independent assignments |
|
| Student responsibilities | In accordance to Rules of studying and Deontological code for USSM students. |
| Screening student work *(name the proportion of ECTS credits for each* *activity so that the total number of ECTS credits is equal to the ECTS value of the course)* | Class attendance |       | Research |       | Practical training |       |
| Experimental work |       | Report |       |       (Other) |       |
| Essay |       | Seminar essay |       |       (Other) |       |
| Tests |       | Oral exam |       |       (Other) |       |
| Written exam |       | Project |       |       (Other) |       |
| Grading and evaluating student work in class and at the final exam | Written test / Paper |
| Required literature (available in the library and via other media) | **Title** | **Number of copies in the library** | **Availability via other media** |
| Zečević D, ur. Sudska medicina i deontologija. Zagreb: Medicinska naklada; 2004. | >10 |  |
| Kumar V, Abbas AK, Fausto N: Robbins and Cotran Pathologic Basis of Disease. 7th ed. Philadelphia: Elsevier Saunders, 2005. |       | online |
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| Optional literature (at the time of submission of study programme proposal) | DiMaio VJ, DiMaio D: Forensic Pathology. 2nd ed. Boca Raton: CRC Press, 2001.Payne-James J, Busuttil A, Smock W: Forensic Medicine - Clinical and Pathological Aspects. San Francisco: GMM, 2003.Shepherd R: Simpson's Forensic medicine. 12th ed. London: Arnold, 2003. Berry CL: Pediatric Pathology. 3rd ed. London: Springer, 1996.  |
| Quality assurance methods that ensure the acquisition of exit competences | * Teaching quality analysis by students and teachers
* Exam passing rate analysis
* Committee for control of teaching reports
* External evaluation
 |
| Other (as the proposer wishes to add) |       |