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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) |  | | | | | | | | | | | | | |