|  |  |
| --- | --- |
| **Naziv predmeta** | **Zapisano u kostima** |
| **Kod** | MFMI… | Godina studija | 1 |
| **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 |  |
| 4 | 10 | 11 |  |
| Status predmeta | Izborni | Postotak primjene e-učenja  | 0 |
| **OPIS PREDMETA** |
| Ciljevi predmeta | Prepoznavanje i razlikovanje ljudskih koštanih ostataka, određivanje spola i dobi na kostima te prepoznavanje patoloških stanja na istima. |
| Uvjeti za upis predmeta i ulazne kompetencije potrebne za predmet |  |
| Očekivani ishodi učenja na razini predmeta (4-10 ishoda učenja)  | Studenti će nakon predmeta moći:* razlikovati ljudske i životinjske koštane ostatke
* odrediti spol na ljudskim koštanim ostacima
* odrediti dob na ljudskim koštanim ostacima
* prepoznati i evidentirati razna patološka stanja na kostima
 |
| Sadržaj predmeta detaljno razrađen prema satnici nastave  | Predavanja:* uvod u antropologiju i bioarheologiju (P1 – 2h)
* analiza koštanih ostataka, od zemlje do muzeja (P2 – 2h)

Seminar:* analiza nalazišta, areheologija vs. antropologija (S1 – 2h)
* ljudski koštani ostaci, specifičnosti i razlike od životinjskih (S2 – 2h)
* određivanje spola i dobi na ljudskim koštanim ostacima (S3 – 2h)
* patološka stanja na kostima (S2 – 4h)

Vježbe:* analiza groba, od kamena do kosti (V1 – 1h)
* osteološki materijal, razlika i priprema (V2 – 2h)
* analiza osteološkog materijala, određivanje spola i dobi (V3 – 3h)
* analiza osteološkog materijala, patološki nalazi (V4 – 3h)
* skupne antropološke analize (V5 – 2h)
 |
| Vrste izvođenja nastave: | ☐ predavanja☐ seminari i radionice ☐ vježbe ☐ *on line* u cijelosti☐ mješovito e-učenje☐ terenska nastava | ☐ samostalni zadaci ☐ multimedija ☐ laboratorij☐mentorski rad☐       (ostalo upisati) |
|
| 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 | 0,2 |  |       |  |       |
| Seminarski rad | 0,3 |  |       |       (Ostalo upisati) |       |
| Pismeni ispit | 1 |  |       |       (Ostalo upisati) |       |
| Praktični ispit | 0,5 |  |       |       (Ostalo upisati) |       |
|  |       |  |       |       (Ostalo upisati) |       |
| Ocjenjivanje i vrjednovanje rada studenata tijekom nastave i na završnom ispitu | Prisutnost, aktivnost tijekom nastave, pisani i praktični ispit |
| Obvezna literatura (dostupna u knjižnici i putem ostalih medija) | **Naslov** | **Broj primjeraka u knjižnici** | **Dostupnost putem ostalih medija** |
| Šlaus M, ur. Bioarheologija. Zagreb: Školska knjiga; 2006.Zečević D, ur. Sudska medicina i deontologija. Zagreb: Medicinska naklada; 2004. |       |  |
| Dopunska literatura  | Saukko P, Knight B: Knight's Forensic Pathology, 4th edition. Boca Raton: CRC Press, 2015. |
| 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) |       |

|  |  |
| --- | --- |
| **NAME OF THE COURSE** | **Carved in bones** |
| **Code** | MFMI… | Year of study | 1 |
| Course teacher | dr. sc. Kristijan Bečić, dr. med. | Credits (ECTS) | 2 |
| Associate teachers | prof. dr. sc. Marija Definis-Gojanović, dr. med. | Type of instruction (number of hours) | L | S | E | T |
| 4 | 10 | 11 |  |
| Status of the course | Elective | Percentage of application of e-learning |  |
| **COURSE DESCRIPTION** |
| Course enrolment requirements and entry competences required for the course | Identification and differentiation of human bone remains, determining the sex and age of the bones and the identification of pathological conditions on them. |
| Learning outcomes expected at the level of the course (4 to 10 learning outcomes) | Students will be able to:* differentiate between human and animal bone remains
* determine the sex of human bone remains
* determine the age of the human skeletal remains
* identify and record the various pathological conditions on the bones
 |
| Course content broken down in detail by weekly class schedule (syllabus) | Lectures:* introduction to Anthropology and Bioarchaeology (P1 - 2h)
* analysis of skeletal remains, from the ground to the museum (P2 - 2h)

Seminar:* analysis of the findings, archaeology vs. anthropology (S1 - 2h)
* human skeletal remains, specificities and differences of animal (S2 - 2h)
* determination of the sex and age on human skeletal remains (S3 - 2h)
* pathological changes on the bones (S2 - 4h)

Exercises:* analysis of the grave, from stone to the bone (V1 - 1h)
* osteological material – difference and preparation (V2 - 2h)
* analysis of skeletal remains, determination of the sex and age (V3 - 3h)
* analysis of skeletal remains, pathological findings (V4 - 3h)
* complete anthropological analysis (V5 - 2h)
 |
| Format of instruction | ☐ lectures☐ seminars and workshops☐ exercises ☐ *on line* in entirety☐ partial e-learning☐ field work | ☐ independent assignments☐ multimedia ☐ laboratory☐ work with mentor☐       (other) |
|
| 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 | 0,2 | Research |       | Practical training |       |
| Experimental work |       | Report |       | Practical exam | 0,5 |
| Essay |       | Seminar essay | 0,3 |       (Other) |       |
| Tests |       | Oral exam |       |       (Other) |       |
| Written exam | 1 | Project |       |       (Other) |       |
| Grading and evaluating student work in class and at the final exam | Class attendance, activity during seminars and exercises and written exam. |
| Required literature (available in the library and via other media) | **Title** | **Number of copies in the library** | **Availability via other media** |
| Šlaus M, ur. Bioarheologija. Zagreb: Školska knjiga; 2006. |       |       |
| Zečević D, ur. Sudska medicina i deontologija. Zagreb: Medicinska naklada; 2004. |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
| Optional literature (at the time of submission of study programme proposal) | Saukko P, Knight B: Knight's Forensic Pathology, 4th edition. Boca Raton: CRC Press, 2015. |
| 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) |       |