

Study program : Integrated academic studies of Dentistry			
Type and level of studies: Integrated academic studies			
<b>Course unit: Forensic Dental Medicine</b>			
<b>Teacher in charge : Associate Prof. Suzana Matejic</b>			
Language of instruction : <i>English</i>			
ECTS: 3			
Prerequisites:			
Semester: <i>Summer Semester</i>			
<b>Course unit objective</b>			
Upgrade students' knowledge about hereditary and acquired characteristics of the teeth and applying students' knowledge in identification procedures.			
To provide the understanding of the role of teeth in the DNA identifications.			
Acquiring basic knowledge about the analysis of human bites			
Giving insight into the legal framework of dentists' work			
<b>Learning outcomes of Course unit</b>			
Upon completion of the course the student is expected to acquire basic knowledge about:			
-basic dental identification methods			
-basic analysis of traces of human bites			
-qualification of injuries of stomatognathic system			
- forensic significance of the responsibility and mistakes of the dentists.			
<b>Course unit contents</b>			
<i>Theoretical classes</i>			
The history of development of forensic dental medicine; Identification through dental methods, equipment and procedures; Post mortem dental characteristics; Dental documentation; Estimation of the age by dental methods; Sex determination methods for the analysis of the skull, jaw and teeth; The assessment of race by forensic anthropology methods; The specific characteristics of the teeth and jaw important for forensic identification, hereditary and acquired characteristics; DNA analysis in forensic dentistry; Mass destruction: the role of the dentist; Analysis of bite trace- collecting evidence, recording and interpretation; Forensic classification of dental trauma system; Jurisprudence and expertise; Dentists' Professional responsibility. The application of criminal law to dentists; Common mistakes in the work of dentists. Negligence dentists			
<i>Practical classes: Practice, other forms of teaching, study research work</i>			
Nomenclature and records in forensics. Labelling and loading of dental status; Dental Identification - procedure, preparation of the instruments and analysis; Post-mortem dental characteristics; Work on PM forms of Interpol;			
Visual, morphological, radiological, histological techniques of age assessment; Anthropologic methods of gender assessment; Writing forensic anthropological reports; Simulation Case Study: dental identification methods			
Mass suffering; A simulation case study: human bite; Dental trauma: writing reports, supporting documentation and supporting materials; Simulation of the courtroom: expert witness; Examples from practice;			
Simulation of the courtroom: Accused dentist			
<b>Literature</b>			
Stimson PG, Mertz CA, Forensic Dentistry, CRC Press LLC, 1997			
Whittaker DK, Mac Donald DG, A Colour Atlas of Forensic Dentistry, Wolf Medical Publications Ltd, England, 1998			
<b>Number of active teaching hours</b>			<b>Other classes</b>
Lectures: 02	Practice: 01	Other forms of classes: <i>mentoring system</i>	Independent work:
<b>Teaching methods</b>			
Lectures			
Practice			
<b>Examination methods ( maximum 100 points)</b>			
<b>Exam prerequisites</b>	<b>No. of points:</b>	<b>Final exam</b>	<b>No. of points:</b>
Student's activity during lectures	<b>30</b>	oral examination	
practical classes/tests		written examination	<b>70</b>

Seminars/homework		.....	
Project			
Other			
<b>Grading system</b>			
<b>Grade</b>	<b>No. of points</b>	<b>Description</b>	
<b>10</b>	<b>95-100</b>	Excellent	
<b>9</b>	<b>85-94</b>	Exceptionally good	
<b>8</b>	<b>75-84</b>	Very good	
<b>7</b>	<b>65-74</b>	Good	
<b>6</b>	<b>55-64</b>	Passing	
<b>5</b>	<b>0-54</b>	Failing	

**(Table 5.2) Course unit description**