

<b>Study program:</b> Integrated Academic Studies in Medicine
<b>Course title:</b> Dissection Techniques in Anatomy
<b>Teacher:</b> Biljana Đ. Srdić Galić, Dušica L. Marić, Mirela M. Erić, Siniša S. Babović, Bojana S. Krstonošić, Nikola M. Vučinić
<b>Course status:</b> elective
<b>ECTS Credits:</b> 3
<b>Condition:</b> Anatomy; Neuroanatomy
<b>Course aim</b> Understanding normal anatomical relationships and morphology of the human body using dissection techniques in anatomy.
<b>Expected outcome of the course:</b> Acquiring knowledge about the anatomy of human body through individual dissection of cadavers. Beside gaining the basic skills of dissection and how to prepare for practicing in dissection hall, the acquired theoretical and practical knowledge will make it easier for students to understand and follow further courses in medicine (pathological anatomy, surgery, maxillofacial surgery, otolaryngology, ophthalmology and forensic medicine).
<b>Course description</b> <i>Theoretical education</i> <ul style="list-style-type: none"> <li>- Introduction to the methods how to prepare the cadaver for dissection</li> <li>- Introduction to the basic dissection techniques in anatomy</li> <li>- Introduction to the techniques of preserving anatomical preparations</li> <li>- Human skeletal preparation techniques and their anthropological analysis</li> <li>- Dissection techniques of the thoracic wall and vertebra column</li> <li>- Dissection techniques of the thoracic cavity organs</li> <li>- Dissection techniques of the abdominal walls</li> <li>- Dissection techniques of the abdominal organs</li> <li>- Dissection techniques of the pelvic walls and organs</li> <li>- Dissection techniques of the upper extremity</li> <li>- Dissection techniques of the lower extremity</li> <li>- Dissection techniques of the head and neck</li> <li>- Dissection techniques of the senses organs and temporal bone</li> <li>- Dissection techniques of the central nervous system</li> <li>- Repetition of the acquired knowledge</li> </ul> <i>Practical education</i> <ul style="list-style-type: none"> <li>- Introduction to the methods how to prepare the cadaver for dissection</li> <li>- Introduction to the basic dissection techniques in anatomy</li> <li>- Introduction to the techniques of preserving anatomical preparations</li> <li>- Human skeletal preparation techniques and their anthropological analysis</li> <li>- Dissection techniques of the thoracic wall and vertebra column</li> <li>- Dissection techniques of the thoracic cavity organs</li> <li>- Dissection techniques of the abdominal walls</li> <li>- Dissection techniques of the abdominal organs</li> <li>- Dissection techniques of the pelvic walls and organs</li> <li>- Dissection techniques of the upper extremity</li> <li>- Dissection techniques of the lower extremity</li> <li>- Dissection techniques of the head and neck</li> <li>- Dissection techniques of the senses organs and temporal bone</li> <li>- Dissection techniques of the central nervous system</li> <li>- Repetition of the acquired knowledge</li> </ul>
<b>Literature</b> <i>Compulsory:</i> 1. Standring S, editor-in-chief. Grey's Anatomy – The Anatomical Basis of Clinical practice. 41 <sup>st</sup> ed. London: Elsevier Churchill

Livingstone; 2016.

2. Hansen JT. Essential Anatomy Dissector – following Grant’s method. 2<sup>nd</sup> ed. Philadelphia, Baltimor: Lippincot Williams & Wilkins; 2002.
3. Tubbs RS, Shoja MM, Loukas M. Bergman’s Comprehensive Encyclopedia of Human Anatomic Variation. New Jersey: John Wiley & Sons; 2016.
4. Rohen J., Yokochi C., Lutjen-Drecoll E. Anatomy - A Photographic Atlas.
5. Drake R, Vogl W, Mitchell A. Gray’s anatomy for students. 3<sup>rd</sup> ed. London: Elsevier; 2014.

*Additional:*

1. Outlines of lectures

<b>Number of active classes</b>	<b>Theoretical classes: 30</b>	<b>Practical classes: 15</b>	
<b>Teaching methods:</b> Lectures and practical classes			
<b>Student activity assessment (maximally 100 points)</b>			
<b>Pre-exam activities</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
Lectures	20	Written	40
Practices	40	Oral	
Colloquium			
Essay			