



TOTAL per year:												
	50	130										

Educational objectives (max. 6 items)

- C1.** Teaching students the normal structure of the human body with its functional aspects.  
**C2.** Teaching students the regional anatomy of all parts of the human body.  
**C3.** Teaching students the anatomical and basis of medical terminology.

Education result matrix for module/course in relation to verification methods of the intended education result and the type of class

Number of course education result	Number of major education result	Student who completes the module/course knows/is able to	Methods of verification of intended education results (forming and summarising)	Form of didactic class <i>**enter the abbreviation</i>
W1	A.W1	The student knows the english anatomical terminology.	Test, oral response	L, MC
W2	A.W2	The student knows the human body structure in descriptive and regional approaches	Test, oral response	L, MC
W3	A.W3	The student knows and describes the regional relationships of the organs and systems in a cadaver as well as in a living individual	Test, oral response	L, MC
U1	A.U3	The students can localize and identify the normal anatomical structures.	Oral response	L, MC
U2	A.U4	The student is able to identify the normal anatomical structures on the intravital images (USG, CT, MRI) in the basal degree	Oral response	L, MC

\*\* L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .

Please mark on scale 1-5 how the above effects place your classes in the following categories:

communication of knowledge, skills or forming attitudes:

Knowledge: 5

Skills: 3

Social competences: 3

Student's amount of work (balance of ECTS points)

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	180
2. Student's own work (self-study):	220
Total student's workload	400
ECTS points for module/course	13,5



Comments	
Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)	
<b>Lectures</b> The lectures are correlated with practical classes and apart from the information about the body structure provide the basic functional and clinical aspect of teaching deals. <ul style="list-style-type: none"><li>• The first semester: The introduction to the anatomical terminology. The structure of the bones and their joints. The axial skeleton – the structure, joints and mechanics. The skeleton of the upper limb – the structure, joints and mechanics. The pelvis as a delivery canal. The bones of the neurocranium and the facial skeleton. The joints of the skull and their changeability with the age. The division of the body on regions. The muscles, vessels and nerves of the head. The viscerocranium. The muscles, vessels, nerves and viscera of the neck. The structure of the axilla. The structure of the thoracic wall. The muscles, vessels and nerves of the upper limb. The muscles, vessels and nerves of the back. The muscles, vessels and nerves of the lower limb.</li><li>• The second semester : The thoracic cavity – division, location and structure of the viscera. The nerves and vessels of the thoracic wall. The diaphragm. The structure of the abdominal wall. The inguinal canal. The abdominal cavity – location of the viscera; the peritoneum. The structure of the abdominal viscera. The nerves and vessels of the abdominal cavity. The retroperitoneal space. The structure of the genito-urinary system. The structure of the pelvis wall. The nerves and vessels of the pelvis. The viscera of the true pelvis.</li></ul> The neuroanatomy: The development of the nervous system. The meninges, meningeal spaces and subarachnoid cisterns. The circulation of the cerebrospinal fluid. The cranial nerves. The blood supply of the central nervous system. The external structure of the brain. The olfactory system. The limbic system. The internal structure of the brain. The spinal cord – external and internal structure. The tracts of the central nervous system. The pyramidal and the extrapyramidal motor system. The reticular formation. The eye and related structures. The auditory and vestibular apparatus. The autonomic nervous system.	
<b>Seminars</b> Not applicable	
<b>Practical classes</b> Are performed in dissecting room with using the following methods: presenting of previously dissected material, dissection if possible, plastic models and computer teaching. Subjects of practical classes are the following: <ul style="list-style-type: none"><li>• In the first semester: osteology, arthrology and the regional anatomy of the head, neck, back, upper and lower limbs.</li><li>• In the second semester: neuroanatomy and regional anatomy of the thorax, abdomen and pelvis..</li></ul>	
<b>Other</b> Not applicable	
<b>Basic literature</b> (list according to importance, no more than 3 items) <ol style="list-style-type: none"><li>1. Moore K. L., Dalley A.F.; Clinically Oriented Anatomy; Lippincot Williams and Wilkins; fifth edition or newest; ISBN: 0-7817-3639-0</li><li>2. Young, Paul A; Young Paul H; Basic clinical neuroanatomy; Lippincot Williams and Wilkins; latest edition; ISBN 0-683-09351-7</li><li>3. Agur, Anne M.R.; Lee, Ming J.; Grant's atlas of anatomy; Williams and Wilkins, latest edition ISBN: 0-683-03701-3</li></ol>	

Additional literature and other materials (no more than 3 items)

1. Richard Drake; Gray's Anatomy for Students; 2005 Churchill Livingstone; ISBN 0443066124
2. James D. Fix; Neuroanatomy; Williams and Wilkins, latest edition, ISBN 0-683-03249-6
3. Any atlas of anatomy.

Didactic resources requirements (e.g. laboratory, multimedia projector, other...)

1. Human corpses and natural anatomical specimens
2. Artificial anatomical specimens
3. Multimedial anatomical presentations
4. Intravital diagnostic images of human body.

Preliminary conditions (minimum requirements to be met by the student before starting the module/course)

Basic knowledge of biological sciences.

Conditions to receive credit for the course (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)

**CREDIT**

Passing 4 periodical tests (two in course of each semester) on the level at least 66% possible points.  
Attendance at least 90%.

**EXAM**

Credit and passing the practical exam on the level at least 66% possible points. Passing the theoretical exam (test 66% / optionally oral).

<b>Grade:</b>	<b>Criteria</b> (only for courses/modules ending with an examination)
Very Good (5.0)	Level 91-100% points
Good Plus (4.5)	Level 86-90% points
Good (4.0)	Level 80-85% points
Satisfactory Plus (3.5)	Level 75-79% points
Satisfactory (3.0)	Level 66- 74% points

**Name and address of module/course teaching unit, contact: telephone and e-mail address**

.... Uniwersytet Medyczny Wrocław; Katedra i Zakład Anatomii Prawidłowej 50-368 Wrocław  
ul. Chałubińskiego 6a tel 71 784-13-31; 784-00-79

**Coordinator / Person responsible for module/course, contact: telephone and e-mail address**

Marek Syrycki MD PhD ; [marek.syrycki@umed.wroc.pl](mailto:marek.syrycki@umed.wroc.pl) 71/ 784-13-51



List of persons conducting specific classes: full name, degree/scientific or professional title,  
discipline, performed profession, form of classes.

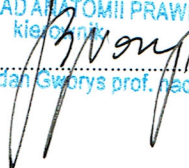
Marek Syrycki MD PhD  
Miroslaw Trzaska MD PhD  
Sławomir Wozniak MD PhD  
Zygmunt Domagała MD PhD

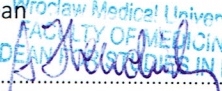
Date of Syllabus development

Syllabus developed by

.....30.06.2016.....

Marek Syrycki.....

Signature of Head of teaching unit  
Uniwersytet Medyczny we Wrocławiu  
KATEDRA I ZAKŁAD ANATOMII PRAWIDŁOWEJ  
Kierownik  
  
.....  
dr hab. Bohdan Gworys prof. nadzw.

Signature of Faculty Dean  
Wrocław Medical University  
FACULTY OF MEDICINE  
VICE-DEAN FOR STUDIES IN ENGLISH  
  
.....  
Prof. Andrzej Hendrich, PhD