



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT) General Information

| | |
|---|--|
| Module title: | |
| Module type | Obligatory |
| Faculty PMU | Faculty of Medicine and Dentistry |
| Major | Medicine |
| Level of study | long-cycle (S2J) masters studies |
| Mode of study | full-time studies |
| Year of studies, semester | 1 st year: 1st and 2 nd semester of 1 st year |
| ECTS credits (incl. semester breakdown) | 22 |
| Type/s of training | Seminars: 70 h Practical: 110 h |
| Form of assessment* | <input type="checkbox"/> graded assessment: <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <input checked="" type="checkbox"/> final examination <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input checked="" type="checkbox"/> practical <input type="checkbox"/> oral |
| Head of the Department/ Clinic, Unit | prof. dr hab. n.med. Janusz Moryś |
| Tutor responsible for the module | Maciej Mularczyk PhD maciej.mularczyk@pum.edu.pl |
| Department's/ Clinic's/ Unit's website | Department of Normal Anatomy/ al. Powstańców Wlkp. 72/ 70-111 Szczecin, tel. 91 466 1481, http://anatomia.pum.edu.pl/ |
| Language | English |

* replace into where applicable

Detailed information

| | | |
|--------------------------------------|-------------|---|
| Module objectives | | The aim of teaching anatomy is to familiarize the student with the structure of the human body with the variability of its anatomical structures and their topographic arrangement, as well as their visualization in various imaging techniques. |
| Prerequisite /essential requirements | Knowledge | Demonstrates knowledge of human body structures: tissues and systems. Knows body structure in terms of topography and functions. Knows anatomical nomenclature (designation). Will explain the relationship between construction and activity. |
| | Skills | Can link the structure of organs with the function. |
| | Competences | Shows respect to human body during dissection activities. Shows respect for academic teachers and other students. Can co-operate with team members. |

Description of the learning outcomes for the subject /module

| No. of learning outcome | Student, who has passed the (subject) knows /is able to /can: | SYMBOL (Referring the standards) | Method of verification of learning outcomes* |
|-------------------------|--|----------------------------------|--|
| W01 | anatomical, histological and embryological nomenclature | A. W1 | ET, EPR, K, S |
| W02 | describe the structure of the human body in a topographical approach (upper and lower limbs, thorax, abdomen, pelvis, back, neck, head) and functional approach (osteoarticular system, muscular system, vascular system, respiratory system, digestive system, urinary system, genitals, nervous system and senses, skin) | A. W2 | ET, K |
| W03 | describe the topographical relations between particular organs | A.W3 | ET, K |
| U01 | explain anatomic background of physical examination | A. U1 | ET, K |
| U02 | draw conclusions about the relationships between anatomical structures on the basis of diagnostic tests, in particular in the field of radiology (plain radiographs, examinations using contrast agents, computed tomography and nuclear magnetic resonance imaging) | A. U2 | ET, K |
| U03 | use anatomical nomenclature in speech and writing | A. U3 | ET, EPR, K, S, |
| K01 | perceive and recognize their own limitations and self-assess educational deficits and needs | K.5 | O |

Table presenting LEARNING OUTCOMES in relation to the form of classes

| No. of learning outcome | Learning outcomes | Type of training | | | | | | |
|-------------------------|-------------------|------------------|---------|-------------------|------------------|-------------|------------|----------|
| | | Lecture | Seminar | Practical classes | Clinical classes | Simulations | E-learning | Other... |
| W01 | A. W1 | | X | X | | | | |
| W02 | A. W2 | | X | X | | | | |
| W03 | A. W3 | | X | X | | | | |
| U01 | A. U3 | | X | X | | | | |
| U02 | A. U4 | | X | X | | | | |
| U03 | A. U5 | | | X | | | | |
| K01 | K.5 | | | X | | | | |

| Table presenting TEACHING PROGRAMME | | | |
|-------------------------------------|----------------------------|--------------|-----------------------------------|
| No. of a teaching programme | Teaching programme | No. of hours | References to learning outcomes |
| Winter semester | | | |
| Seminars | | | |
| TK01 | Osteology and syndesmology | 9 | W01, W02, W03, |
| TK02 | Neck and thorax | 17 | W01, W02, W03 |
| TK03 | Abdomen and pelvis | 12 | W01, W02, W03 |
| Practical classes | | | |
| TK01 | Osteology and syndesmology | 16 | W01, W02, W03, U01, U02, U03, K01 |
| TK02 | Neck and thorax | 24 | W01, W02, W03, U01, U02, U03 K01, |
| TK04 | Abdomen and pelvis | 20 | W01, W02, W03, U01, U02, U03, K01 |
| Summer semester | | | |
| Seminars | | | |
| TK01 | Upper limb and lower limb | 12 | W01, W02, W03, |
| TK02 | Head and senses | 7 | W01, W02, W03 |
| TK04 | CNS | 13 | W01, W02, W03 |
| Practical classes | | | |

| | | | |
|------|---------------------------|----|--|
| TK01 | Upper limb and lower limb | 20 | W01, W02, W03, U01, U02, U03, K01, |
| TK03 | Head and senses | 16 | W01, W02, W03, U01, U02, U03, K01 |
| TK04 | CNS | 14 | W01, W02, W03, U01, U02, U03, K01 |

Booklist

Obligatory literature:

1. Drake RL., Vogl AW, Mitchell AWM. Gray's Basic Anatomy. Elsevier, 3rd Edition 20222. F.H. Netter, Netter Atlas of Human Anatomy: Classical Regional Approach, 8th Ed. Elsevier, 2022

Supplementary literature:

Hansen JT. Netter's Anatomy Coloring Book. Elsevier. 2021

Gould DJ. BRS Neuroanatomy. 6th Edition. Wolters Kluwer, 2019.

Student's workload

| Form of student's activity (In-class participation; activeness, produce a report, etc.) | Student's workload [h] |
|--|------------------------|
| | Tutor opinion |
| Contact hours with the tutor | 180 |
| Time spent on preparation to seminars/ practical classess | 50 |
| Time spent on reading recommended literature | 230 |
| Time spent on writing report/making project | - |
| Time spent on preparing to colloquium/ entry test | 80 |
| Time spent on preparing to exam | 120 |
| Other | |
| Student 's workload in total | 660 |
| ECTS credits for the subject (in total) | 22 |

Remarks

* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

S – practical skills assessment

O – student's active participation and attitude assessment