



**MODULE / SYLLABUS**  
EDUCATION CYCLE 2024-2027

<b>Module/subject name:</b>	<b>ANATOMY</b>		
<b>Direction:</b>	<b>NURSING</b>		
<b>Level of study*:</b>	<b>I degree (bachelor's degree)</b> Second degree (master's)		
<b>Education Profile:</b>	<b>practical</b>		
<b>Type of study*:</b>	full-time / <b>part-time</b>		
<b>Type of activities*:</b>	mandatory <b>X</b> supplementary <input type="checkbox"/> elective <input type="checkbox"/> .		
<b>Year and semester of study*:</b>	Year of study*: I <input checked="" type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> .	Semester of study*: 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/>	
<b>Number of ECTS credits assigned</b>	<b>3,5</b>		
<b>Language of instruction:</b>	<b>Polish</b>		
<b>PSW Department Name:</b>	<b>Faculty of Health Sciences</b>		
<b>Contact (tel/email):</b>	tel. 55 279 17 68 e-mail: <a href="mailto:dziekanat@psw.kwidzyn.edu.pl">dziekanat@psw.kwidzyn.edu.pl</a>		
<b>Type of module/course relating to professional preparation*:</b>	<ul style="list-style-type: none"> <li>• basic sciences <input checked="" type="checkbox"/></li> <li>• social sciences and humanities <input type="checkbox"/></li> <li>• sciences in the fundamentals of nursing <input type="checkbox"/>.</li> <li>• specialty care sciences <input type="checkbox"/></li> </ul>		
<b>Person responsible for the module/subject:</b>			
<b>Person(s) in charge:</b>	According to the study plan		
<b>Forms of student workload</b>		<b>Student workload (number of teaching hours)</b>	
<i>Contact hours with an academic teacher (according to the study plan)</i>			
Lectures (W)		<b>45</b>	
Seminar (S)			
Conversations			
Exercise (C)		<b>30</b>	
Practical classes (ZP)			
<b>BUNA - independent work of the student (according to the study plan).</b>		<b>13</b>	
Student workload related to professional practice ( <i>according to the study plan</i> )			
<b>Total student workload - total number of</b>		<b>88</b>	
<b>Number of ECTS credits for the subject/module</b>		<b>3.5, including 0.5 BUNA</b>	
<b>Didactic methods</b>	<ul style="list-style-type: none"> <li>• Informative lecture with the use of multimedia presentations</li> <li>• exercises using anatomical models</li> <li>• self-study</li> </ul>		
<b>Assumptions and purpose of the subject</b>	<ul style="list-style-type: none"> <li>— Familiarize students with the basic elements of normal human body structure.</li> <li>— Acquisition of knowledge that can be used to learn about the function and compare changes in cases of pathology (disease).</li> </ul>		
<b>Teaching tools</b>	Blackboard and multimedia projector, charts. Medical teaching aids (phantoms and medical simulators, trainers and models, including anatomical models).		
<b>Prerequisites</b>	Basic knowledge of anatomy and physiology, at the high school level.		
<b>The matrix of learning outcomes for the module / subject in relation to methods of verification of achievement of the intended learning outcomes and the form of realization of learning activities</b>			
Symbol learning outcome	Students who pass the module (subject) know/understand/are able to:	Methods of verifying the achievement of the intended learning outcomes	The form of implementation of teaching activities * enter symbol
A.W1.	Discusses the structure of the human body in a topographical approach (upper and lower limbs, thorax, abdomen, pelvis, back, neck, head) and functional approach (skeletal and articular system, muscular system, circulatory system, respiratory system, digestive system, urinary system, sexual systems, nervous system, sense organs, common skin).	<i>Written and/or oral exam, project or oral response</i>	W/Ć/BUNA

A.U1.	He uses anatomical nomenclature in practice and applies knowledge of the topography of the organs of the human body.	<i>Written and/or oral colloquium</i>	Ć
O.K7.	Recognizes and recognizes his own limitations in knowledge, skills and social competence, and makes a self-assessment of deficits and educational needs.	<i>Observation, self-assessment</i>	W/Ć/BUNA

\*W-lecture; S-seminar; K-conversations; ZP-exercises; ZP-practical activities; PZ-internships; BUNA-student independent work.

#### SAMPLE METHODS FOR VERIFICATION OF LEARNING OUTCOMES

**In terms of knowledge (lectures/lectures):** oral examination (*non-standardized, standardized, traditional, problem-based*); written examination - the student generates / recognizes the answer (*essay, report; short structured questions /SSQ/; multiple choice test /MCQ/; multiple response test /MRQ/; matching test; T/N test; answer completion test*),

**In terms of skills (exercises/conversations):** Practical exam; Objective Structured Clinical Examination /OSCE/; Mini-CEX (mini - clinical examination); Completion of an assigned task; Project, presentation.

**In terms of social competence:** reflective essay; prolonged observation by supervisor/teacher-in-charge; 360° assessment (feedback from teachers, colleagues, patients, other colleagues); Self-assessment (including portfolio)

**BUNA** - the student's own work is verified through an assessment of the degree of realization of the established learning outcomes: a test verifying the student's knowledge of the topics specified in the syllabus, but also through credit work, projects, presentations and any other mid-semester work.

#### TABLE OF PROGRAM CONTENT

Program content	Number of hours	Relation of learning outcomes to ACTIVITIES
<b>LECTURES, semester I</b>		
1. Anatomy and its divisions, elements of the structure of the human body (organ, system, apparatus).	4	A.W1. O.K7.
2. Circles of the human body. Axes of the plane, positions in space.	3	A.W1. O.K7.
3. Bone function, bone shape, bone macrostructure, bone properties: physical, biological and chemical.	4	A.W1. O.K7.
4. Structure of joints and their function in the body.	3	A.W1. O.K7.
5. Bones of the skull. Bones of the upper limb. Bones of the lower limb. Bones of the spine and thorax.	4	A.W1. O.K7.
6. Muscles of the upper limb. Muscles of the lower limb. Muscles of the trunk and abdominal cavity. Muscles of the face and neck.	4	A.W1. O.K7.
7. Blood system - general characteristics and division. Blood vessels - structure.	4	A.W1. O.K7.
8. Structure and function of arteries, veins and capillaries. Anatomical structure of the heart.	4	A.W1. O.K7.
9. Lymphatic system, urinary system, sexual system.	4	A.W1. O.K7.
10. Sensory organs: general characteristics and division.	3	A.W1. O.K7.
11. Gastrointestinal System.	4	A.W1. O.K7.
12. Respiratory System.	4	A.W1. O.K7.
<b>EXERCISES, semester I</b>		
Division of the skeleton, demonstration of individual bones, more important details of the axial skeleton.	3	A.U1. O.K7.
Detailed structure of the sacrum. The skull with special attention to the sutures and the fontanel of the skull.	3	A.U1. O.K7.
Connections within the pelvis. Connections within the axial and thoracic skeleton. Important connections between the bones of the upper and lower limbs.	3	A.W1. A.U1. O.K7.
Division and structure of the endocrine glands.	3	A.W1. A.U1. O.K7.
Division of the digestive system, glandular part of the digestive system. Structure of the atria and ventricles of the heart. Structure and role of heart valves.	3	A.W1. A.U1. O.K7.
Circulatory system. Difference in the structure of blood vessels and venous vessels. Visceral trunk, more important vessels of the abdominal cavity. The main venous vessels of the body. Venous sinuses of the skull (brain).	3	A.W1. A.U1. O.K7.
Genitourinary system. Female internal genital organs, uterus, ovaries, fallopian tubes. Male external and internal genital organs.	3	A.W1. A.U1. O.K7.
Nervous system. Basic types of nerve fibers. External structure of the spinal cord.	3	A.W1. A.U1. O.K7.
Autonomic nervous system. Cranial nerves - division, short course with extent of innervation. Peripheral nervous system.	3	A.W1. A.U1. O.K7.

Sensory organs.	3	A.W1. A.U1. O.K7.
<b>BUNA - independent student work, semester I</b>		
1. The venous network of the ulnar fossa region. The venous system of the lower limb.	1	A.W1. A.U1. O.K7.
2. Discopathies in the context of the morphological structure of the spine.	2	A.W1. A.U1. O.K7.
3. Morphological structure of the gluteal region, its practical significance.	1	A.W1. A.U1. O.K7.
4. The skin and its appendages as an organ.	1	A.W1. A.U1. O.K7.
5. The mammary gland, its structure about the evaluation of breast self-examination.	1	A.W1. A.U1. O.K7.
6. Elements of the endocrine system.	2	A.W1. A.U1. O.K7.
7. Morphological differences of the nephron and the neuron.	1	A.W1. A.U1. O.K7.
8. The more important muscles of the human body.	2	A.W1. A.U1. O.K7.
9. Differences of venous and arterial circulatory systems.	2	A.W1. A.U1. O.K7.

#### LITERATURE LIST

##### Primary Literature:

- Bruska M., Cizek B. (ed.), *Wozniak. Human anatomy*, Edra Urban & Partner Publishing House, Wrocław 2020.

##### Supplementary literature:

- Sobotta J., *Atlas of Human Anatomy T. 2, Internal organs of the thorax, abdomen and pelvis*, issue 24, Edra Urban & Partner, Wrocław 2019.
- Sobotta J., *Atlas of Human Anatomy Vol. 3, Head, neck and nervous system*, 24th edition, Edra Urban & Partner, Wrocław 2019.

#### Manner of passing and forms and basic evaluation criteria/examination requirements

##### Method of crediting

- Exam - lectures
- Passing grade - exercises
- Credit without grade BUNA

##### Forms and criteria for passing

CREDIT FOR THE SUBJECT - THE SUBJECT ENDS WITH AN EXAM

##### Lecture:

The basis for obtaining a pass/fail is:

- Attendance 100%; confirmed by an entry on the attendance list,
- possible 10% absence balanced in a manner individually agreed with the class instructor,
- Active participation in lectures (joining the discussion initiated by the lecturer, showing interest in the issues discussed during the lecture),

##### Exercises

The basis for obtaining credit for a grade is:

- Attendance 100%; confirmed by an entry on the attendance list,
- Active participation in exercises (joining the discussion initiated by the lecturer, showing interest in the issues discussed during the exercises,)
- Positive evaluation of the colloquium - a test containing single-choice, multiple-choice and completion questions For a complete, correct answer, the student receives 1 point, incorrect or no answer 0 points, a minimum of 60% of correct answers qualifies for a passing grade.

##### BUNA evaluation criteria - independent student work,

Preparation of an essay on a selected topic in the subject area.

Evaluation criteria	Evaluation: zal/nzal
Compliance of the content of the work with the subject of education	
Substantive evaluation of the work	
Evaluation of the selection and use of sources	
Evaluation of the formal side of the work (footnotes, language)	
*(recommendations for work).	

(evaluation)

(signature)

\* if any of the criteria is not met, correct the work according to the lecturer's recommendations.

**FINAL EXAM IN THE SUBJECT**

- In order to be admitted to the exam it is necessary to obtain a pass in lectures and exercises and to pass BUNA (project).
- The exam is in the form of a written test, multiple-choice test /MCQ/ with one correct answer (each correct answer is 1 point, no answer or incorrect answer 0 points, a minimum of 60% correct answers qualifies for a passing grade).

**Grading criteria for the test**

Evaluation	Very Good (5.0)	Good plus (4.5)	Good (4.0)	Sufficient plus (3.5)	Sufficient (3.0)	Unsatisfactory (2.0)
% of correct answers	93-100%	85-92%	77-84%	69-76%	60-68%	59% and below

**FINAL COURSE GRADE:**

- The exam constitutes 60% of the final grade in the course
- The remaining 40% is the average of the grades of the other forms of classes

The final grade is recalculated according to the criteria:

3.0 -3.24 - sufficient (3.0)

3.25 -3.74 - sufficient (3.5)

3.75 -4.24 - good (4.0)

4.25-4.74 - good plus (4.5)

4.75 -5.0 - very good (5.0)

**Conditions for making up classes missed for excused reasons:**

Making up missed classes is possible only in the case of a student's illness documented by a medical exemption or other fortuitous reasons. Excuses for classes and credit for the material covered during the period of absence are made by the lecturer conducting the class.

Both a student returning from dean's leave and a student repeating a year are required to attend all classes and take the exam. Only in the case of obtaining a grade of at least satisfactory (3.0) on an exam in a given year, a student repeating a year due to another subject may be exempted from having to attend classes and pass and pass the subject.

**Acceptance:**

**Vice Chancellor for Teaching Affairs**