



MODULE / SYLLABUS
EDUCATION CYCLE 2022-2025

Module/subject name:	NEUROLOGY AND NEUROLOGICAL NURSING	
Direction:	NURSING	
Level of study*:	I degree (bachelor's) II degree (master's degree)	
Profile of education:	practical	
Type of studies*:	stationary / non-stationary	
Type of classes*:	mandatory X supplementary <input type="checkbox"/> to choose from <input type="checkbox"/>	
Year and semester of studies*:	Year of study*: I <input type="checkbox"/> II <input type="checkbox"/> III X	Semester*: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 X 6 X
Number of ECTS credits assigned	8	
Language of instruction:	English	
Name of the PSW Department:	Faculty of Health Sciences	
Contact (tel./email):	Tel. 55,279 17,68 e-mail: dziekanat@psw.kwidzyn.edu.pl	
Type of module/subject relating to apprenticeships*:	<ul style="list-style-type: none"> • basic sciences <input type="checkbox"/> • social sciences and humanities <input type="checkbox"/> • science in the basics of nursing care <input type="checkbox"/> • specialist care sciences X • practical classes X • professional practice 	
Person responsible for the module/subject:	according to the studies plan	
Presenter(s):	according to the studies plan	
Forms of student workload	Student charge (number of teaching hours)	
<i>Contact hours with an academic teacher (according to the study plan)</i>		
Lectures (W)	15	
Seminar (S)		
E-learning (e-L)		
Conversatories		
Exercises (C)	15	
Practical classes (ZP)	80	
BUNA - independent student work (according to the study plan)	25	
Student's workload related to work placements (<i>according to the study plan</i>)	80	
Total student workload – total number	215	
Number of ECTS credits per subject/module	8, including 0 BUNA	
Didactic methods	<ul style="list-style-type: none"> • lecture, talk, • problem method, • lecture using audiovisual means, • case study, • work with text, • practical exercises, work with the sick person, • analysis of medical documentation, • show, didactic discussion, 	

	<ul style="list-style-type: none"> performing health services to a certain extent based on the procedure under the direct supervision of the teacher.
Assumptions and aim of the subject	<ul style="list-style-type: none"> Educating the ability to independently notice and solve the patient's nursing problems. Theoretical and practical deepening of knowledge and skills in the field of preventive and nursing treatment in relation to a patient with a disease of the central and peripheral nervous system. Showing the care problems of patients in the process of neurological treatment. Educating the ability to independently notice and solve the patient's nursing problems.
Teaching tools	Board and multimedia projector, boards.
Prerequisites:	Knowledge of anatomy, physiology, pathology, pharmacology, basics of nursing.

Matrix of learning outcomes for the module / subject in relation to the methods of verifying the achievement of the intended learning outcomes and the form of implementation of didactic classes

Symbol learning outcome	The graduate: knows and understands / is able to / is ready to	Methods for verifying the achievement of the intended learning outcomes	Form of implementation of didactic classes * enter the symbol
D.W1.	Presents risk factors and health risks in patients of different ages	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	W/BUNA
D.W2.	Characterizes the etiopathogenesis, clinical manifestations, course, treatment, prognosis and principles of nursing care of patients in selected diseases.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	W/Ć/ZP/PZ/BUNA
D.W3.	Explains the principles of diagnosis and planning of patient care in internal medicine, surgery, obstetrics-gynecology, pediatrics, geriatrics, neurology, psychiatry, intensive care, palliative care, long-term care nursing.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	W/BUNA
D.W4.	Presents the types of diagnostic tests and the principles of ordering them.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	W/Ć/BUNA
D.W5.	Knows the principles of preparing a patient of various ages and health conditions for examinations and diagnostic procedures, as well as the principles of care during and after these examinations and procedures.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	W/Ć/BUNA
D.W7.	Defines nursing standards and procedures used in caring for patients of various ages and health conditions.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	W/BUNA
D.W8.	Characterizes patient reactions to illness, hospital admission and hospitalization.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	W
D.W10.	Knows the principles of organization of specialized care (geriatric, intensive care, neurological, psychiatric, pediatric, internal medicine, surgery, palliative care, long-term care, and in the operating theater).	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	W
D.W22.	Knows principles of patient nutrition, including dietary treatment, preoperative and postoperative indications according to the protocol of comprehensive perioperative care for improved patient outcomes (Enhanced Recovery After Surgery, ERAS);	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	W
D.W33	Knows methods and techniques for communicating with a patient unable to establish and maintain effective communication due to medical condition or treatment used;	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	W/BUNA

D.U1	Gathers information, formulates a nursing diagnosis, establishes nursing goals and care plan, implements nursing interventions, and evaluates nursing care.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	Ć/ZP/PZ
D.U2.	Provides self-care counseling to patients of various ages and health conditions regarding malformations, diseases and addictions.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	Ć/ZP/PZ
D.U3.	Carries out prevention of complications occurring in the course of diseases.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	Ć/ZP/PZ
D.U4	Organizes isolation of patients with infectious disease in public places and at home.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	Ć/ZP/PZ
D.U8.	Recognizes complications after specialized diagnostic tests and surgical procedures;	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	Ć/ZP/PZ
D.U12	Prepares the patient physically and mentally for diagnostic tests.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	Ć/ZP/PZ
D.U13.	Makes referrals for specific diagnostic tests.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	Ć/ZP/PZ
D.U15	Document the patient's health situation, the dynamics of its changes and the nursing care provided, taking into account information technology tools for data collection.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	Ć/ZP/PZ
D.U18.	Recognize complications of pharmacological, dietary, rehabilitative and therapeutic nursing treatment;	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	Ć/ZP/PZ
D.U22.	Communicates information to members of the therapeutic team about the patient's condition.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	Ć/ZP/PZ
D.U23	Assists the physician during diagnostic tests.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	Ć/ZP/PZ
D.U24.	Assesses the level of pain, the patient's response to pain and its severity and applies pharmacological and non-pharmacological analgesic management.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	Ć/ZP/PZ
D.U26.	Prepares and administers medications to patients by various routes, either independently or on physician's orders.	<i>Written and/or oral examination, completion of a given task, project or oral answer</i>	Ć/ZP/PZ
O.K1.	Is guided by the welfare of the patient, respects the dignity and autonomy of those entrusted to his/her care, shows understanding of worldview and cultural differences and empathy in his/her relationship with the patient and his/her family.	<i>prolonged observation by the teacher in charge; 360° rating (opinions of teachers, colleagues, patients, other colleagues); Self-assessment</i>	Ć/ZP/PZ/BUNA
O.K2.	Observes the rights of the patient and maintains confidentiality of patient-related information.	<i>prolonged observation by the teacher in charge; 360° rating (opinions of teachers, colleagues, patients, other colleagues); Self-assessment</i>	Ć/ZP/PZ/BUNA
O.K3.	Independently and diligently performs the profession in accordance with ethical principles, including observing moral values and duties in patient care.	<i>prolonged observation by the teacher in charge; 360° rating (opinions of teachers, colleagues, patients, other colleagues); Self-assessment</i>	Ć/ZP/PZ/BUNA
O.K4.	Takes responsibility for professional activities performed.	<i>prolonged observation by the teacher in charge; 360° rating (opinions of teachers, colleagues, patients, other colleagues); Self-assessment</i>	Ć/ZP/PZ /BUNA

O.K5.	Solicits expert opinion in case of difficulty in solving a problem independently.	<i>prolonged observation by the teacher in charge; 360° rating (opinions of teachers, colleagues, patients, other colleagues); Self-assessment</i>	Ć/ZP/PZ /BUNA
O.K6.	Anticipates and takes into account factors influencing his/her own and the patient's reactions.	<i>prolonged observation by the teacher in charge; 360° rating (opinions of teachers, colleagues, patients, other colleagues); Self-assessment</i>	Ć/ZP/PZ /BUNA
O.K7.	Perceives and recognizes his own limitations in knowledge, skills and social competence, and makes a self-assessment of deficits and educational needs.	<i>prolonged observation by the teacher in charge; 360° rating (opinions of teachers, colleagues, patients, other colleagues); Self-assessment</i>	W/Ć/ZP/PZ /BUNA
*W-lecture; S-seminar; EL- e-learning; K -conversations; Ć-exercises; ZP-practical classes; PZ-professional internships; BUNA-independent student work			

EXAMPLES OF METHODS FOR THE VERIFICATION OF LEARNING OUTCOMES

in the field of knowledge (lectures/seminars): oral exam (*non-standardized, standardized, traditional, problem*); written exam – the student generates / recognizes the answer (*essay, report; short structured questions /SSQ/; multiple-choice test /MCQ/; multiple-answer test /MRQ/; match test; T/N test; answer completion test*),

in terms of skills (exercises/seminars): Practical examination; Objective Structured Clinical Examination (OSCE); Mini-CEX (mini – clinical examination); Implementation of the commissioned task; Design, presentation

in the field of social competences: reflective essay; prolonged observation by the tutor / teacher of the teacher; 360° assessment (opinions of teachers, colleagues, patients, other colleagues); Self-assessment (including portfolio)

BUNA – the student's own work is verified by assessing the degree of implementation of the assumed learning outcomes: a test checking the student's knowledge of the subject specified in the syllabus, but also through final papers, projects, presentations and any other mid-term work.

TABLE OF PROGRAMME CONTENTS

Program content	Number of hours	Reference of learning outcomes to CLASSES
LECTURES, semester V Nursing content: 4, 5 Treści kliniczne: 1-3		
1. Modern diagnostic methods used in neurology.	2	D.W1-5. D.W7-8., D.W10., D.W22., D.W33., O.K7.
2. Vascular diseases in the brain.	2	
3. Syndromes and symptoms in neurology.	2	
4. Participation of the nurse in the diagnosis and treatment of neurological patients.	3	
5. Care for a patient with: epilepsy, Parkinson's disease, dementia, multiple sclerosis, myasthenia gravis, cerebrovascular diseases, discopathy, craniocerebral trauma, spinal cord injury, cancer of the central nervous system.	6	
EXERCISES, semester V Nursing content: 1-8 Clinical content: 9		
1. Implementation to self-care, based on known nursing concepts.	1	D.W4. D.W5., D.U1-4., D.U8. D.U12-13., D.U15., D.U18., D.U22-24., D.U26., O.K1-7.
2. Nursing interview and diagnosis, nursing interventions – the nursing process.	1	
3. Conversation with the patient as a means of maintenance psychotherapy.	1	
4. The role of the nurse when admitting a patient to a therapeutic enterprise.	1	
5. Preparation of patients for examinations performed in the neurological unit.	3	
6. Tasks of the nurse in the care of the patient after brain surgery.	2	
7. Nursing methods of assessing the patient's condition in diseases of the central and peripheral nervous system.	2	
8. Problems and principles of care of the patient after surgical treatment of spinal disorders.	2	

9. Recognition of indications for diagnostic tests – referrals. Records of prescription forms of medicinal substances.	2	
PRACTICAL CLASSES, semester V		
1. Familiarization with the organization of work in the ward, topography of the ward	5	D.U1-4., D.U8. D.U12-13., D.U15., D.U18., D.U22-24., D.U26., O.K1-7.
2. The tasks of the nurse in the care of neurological patients.	10	
3. Preparation of patients for diagnostic examinations in the neurology department and nursing of patients after the examination.	15	
4. Nursing activities after neurosurgical procedures. Management of drains, postoperative improvement.	20	
5. Educational activities of the nurse in relation to people with damage to the nervous system and their caregivers in the hospital and home environment.	20	
6. Practical application of knowledge about terminal care to help the patient and his family.	10	
APPRENTICESHIP, semester V		
1. The procedure for admitting a patient to the neurology department.	6	D.W1-8., D.W10., D.U1-4., D.U8., D.U12-13., D.U15., D.U18., D.U20., D.U22-24., D.U26., O.K1-7
2. Documentation in force in the neurology unit.	6	
3. Initial examination of a newly admitted patient.	6	
4. The procedure of preparing patients for diagnostic examinations in the neurology department and nursing patients after the examination.	10	
5. Recognition of nursing problems in an unconscious patient and planning his care.	10	
6. Nursing and rehabilitation measures for the neurological patient in the acute and chronic periods, prevention of disability.	11	
7. Nursing management in the pre-, intra- and postoperative period in the neurosurgery department.	11	
8. Specifics of nursing activities after neurosurgical procedures, prevention of complications.	10	
9. Educational activities of the nurse in relation to people with nervous system damage and their caregivers in the hospital and home environment.	10	
BUNA – independent student work, semester V		
1. Therapeutic activities and nursing care planning for patients with aphasia, apraxia, memory and thinking disorders.	6	D.W1-7., D.W33., O.K1-7.
2. How does preparation for self-care affect the implementation of health promotion in the neurology unit?	6	
3. Psychological support as an element of preparation for multi-stage neurosurgical treatment.	6	
4. Rules of organizing specialized care in a neurology unit.	7	
LIST OF LITERATURE		
Basic literature:		
1. Joanne V. Hickey, <i>The Clinical Practice of Neurological and Neurosurgical Nursing</i> , Wolters Kluwer Health, cop. 2019.		
Supplementary literature:		
1. Woodward S., Waterhouse C., <i>Oxford Handbook of Neuroscience Nursing</i> , OUP Oxford, cop. 2021.		
Method of passing and forms and basic assessment criteria/examination requirements		

Method of credit

- Exam – lectures
- Passing with grade – exercises
- Passing with grade – practical classes
- Passing without a grade – professional practice
- Passing without a grade – BUNA

Forms and criteria for passing

PASSING THE SUBJECT - THE SUBJECT ENDS WITH AN EXAM

Lecture

The basis for obtaining credit is:

- Attendance 100%; confirmed by an entry on the attendance list,
- 10% absence, if any, balanced in a manner individually agreed with the class instructor.

Exercise

The basis for obtaining credit for the assessment is:

- Attendance 100%; confirmed by an entry on the attendance list (excused absence in the case of a student's illness documented by a medical exemption or other fortuitous reasons and working off the classes at another time),
- active participation in exercises (showing interest in issues discussed and conducted during exercises),
- positive completion of learning outcomes in the area of skills and social competence - positive completion of the colloquium - written or oral,
- correct completion of the applicable nursing documentation,
- correct development of a written paper - nursing care plan/nursing process for a patient with a selected nursing diagnosis (positive passing of BUNA),
- correct attitude towards simulated/standardized patient, colleagues, teacher, profession and learning and rules and regulations.

Practical classes

The basis for obtaining credit for the assessment is:

- Attendance 100%; confirmed by an entry on the attendance list (excused absence in case of student's illness documented by a medical exemption or other fortuitous reasons and working off the classes at another time),
- active participation in practical classes,
- positive completion of learning outcomes in terms of skills and social competencies,
- correct completion of the applicable nursing documentation,
- correct development of the nursing process of the patient, correct description of the nursing report,
- correct attitude towards the patient, the therapeutic team and colleagues, the profession and science, and the rules and regulations,

Apprenticeship

The basis for obtaining credit is:

- Attendance 100%; confirmed by an entry on the attendance list (excused absence in case of student's illness documented by a medical exemption or other fortuitous reasons and working off classes at another time),
- active participation in professional practice,
- positive completion of learning outcomes in the area of skills and social competence (principles, efficiency, effectiveness, independence, communication, attitude),
- correct completion of the applicable nursing documentation,
- correct development of the nursing process of the patient, correct description of the nursing report,
- correct attitude towards the patient, therapeutic team and colleagues, profession and science, and rules and regulations.

CRITERIA FOR THE ASSESSMENT OF KNOWLEDGE

Criteria for the assessment of knowledge - test

Assessment	Very good (5.0)	Good plus (4.5)	Good (4.0)	Sufficient plus (3.5)	Sufficient (3.0)	Insufficient (2.0)
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% of correct answers	93-100%	85-92%	77-84%	69-76%	60-68%	59% and less
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Criteria for the assessment of knowledge – oral answer

No.	Criterion	Number of points 0-5
1.	Correctness of answers	
2.	Relevance of problem recognition	
3.	Current medical and health sciences knowledge	
4.	Interdisciplinary knowledge	
5.	Correctness of medical /professional vocabulary	
6.	Independence and creativity in proposing solutions	
7.	Together	

*Obtaining 0-1 points under any criterion results in an insufficient grade

Number of points and rating:

30-28 - very good (5.0) - the student gives a completely comprehensive and correct answer to the given question, freely uses factually correct scientific language, taking into account current medical knowledge in the oral answer, demonstrates ease in solving problems arising from the task, skillfully combines knowledge from various scientific fields, demonstrates originality of own thoughts.

27-25 - plus good (4.5) - the student gives a correct answer to the question, uses scientific language, taking into account current medical knowledge in an oral answer, solves problems arising from the task, combines knowledge from several scientific fields.

24-22 - good (4.0) - the student gives a basically independent answer, which contains most of the required content, a few errors in the answer are allowed (secondary from the point of view of the topic), uses current medical knowledge requiring minor supplementation, the answer is correct in terms of scientific language, accuracy of recognition of problems requiring minor improvement, in the answer and should include independent conclusions of the student.

21-19 - plus sufficient (3.5) - the student gives a basically independent answer, which contains most of the required content, makes few, primary errors in the answer, the student knows the most important facts and is able to interpret them and identify the most important problems, uses medical knowledge not always up-to-date, in the answer takes into account knowledge only of the field, makes errors in the use of scientific language, requires help in drawing conclusions.

18-16 - sufficient (3.0) - the student gives an answer containing some of the required information, making mistakes, but with the help of the teacher corrects his answer, both in terms of factual knowledge and in the way it is presented, however, the student knows the basic facts and with the help of the teacher gives an answer to the question posed.

CRITERIA FOR ASSESSING THE DIFFERENT COMPONENTS OF SOCIAL SKILLS AND COMPETENCES

Criteria for assessing practical skills (0-2 points for each element): principles, efficiency, effectiveness, independence, communication, attitude.

The student receives a passing / positive grade when obtaining at least 6 points for the learning elements.

Number of points	Criteria for the evaluation of individual elements of the activity (task/exercise) by the student					
	Rules* (points 0-2)	Efficiency* (points 0-2)	Effectiveness* (points 0-2)	Self-reliance* (points 0-2)	Communication* (points 0-2)	Posture* (points 0-2)
2	observes the rules, the right technique and the order of execution Actions	performs activities confidently, vigorously	behavior takes into account the situation of the patient, achieves the goal	plans and performs activities independently	correct independent, effective selection of content	analyses its conduct, collaborates with the team therapeutic, full identification with a professional role
1	Observes rules after orientation	performs activities not very confident, after a short Reflection	does not always take into account health situation of the patient, achieves the goal after orientation	Requires Reminders and targeting in some Activities	Requires Guidance Targeting in the selection of content	has difficulty in critical evaluation and analysis of their conduct, in cooperation with the team therapeutic and in identification with the professional role
0	does not comply rules, chaotically performs actions	performs activities uncertain, very slowly	does not take into account individual situation patient, does not achieve the goal	requires constant Guidance and reminders in every action	can not maintain verbal contact with the patient	cannot critically evaluate and analyze their conduct, does not cooperate

						with therapeutic syndrome, no identifies with a professional role
Number of points obtained						

Source: W. Ciechaniewicz: Shaping the practical skills of nursing school students. CKPPIP, Warsaw.

*Obtaining 0 points in any element of the assessment prevents positive passing of practical skills

RATING SCALE:

- 11-12 points - bdb (5.0)
- 9-10 points - db plus (4.5)
- 8 points - db (4.0)
- 7 points - dst plus (3.5)
- 6 points - dst (3.0)
- 5 points and below -ndst (2.0)

Criteria for the assessment of elements achieved in the care process

No.	Elements of the assessment of the nursing process	Number of points 0-2
	Ability to collect and analyze information about the patient's health situation*	
	Ability to formulate a nursing diagnosis*	
	Ability to set care goals*	
	Ability to plan activities adequate to the health situation of the patient and family*	
	Implementation of planned activities in accordance with current standards of nursing services*	
	Independence and creativity in proposing solutions*	
	Ability to assess the process of nurturing and formulating conclusions for further care of the patient by himself and / or his family / caregivers *	
	Ability to use correct medical terminology*	
	Ability to aesthetically record in patient records*	
	Together	

*Obtaining 0 points in any element of the assessment prevents positive passing of the nursing process

Number of points and rating

- 36-40- very good (5,0)
- 32-35- plus good (4.5)
- 28-31- good (4,0)
- 24-27- plus sufficient (3.5)
- 20-23- sufficient (3.0)
- 0-19- insufficient (2.0)

Criteria for the assessment of the elements achieved in the nursing report

No.	Elements of the nursing report assessment	Scoring	Number of points earned
	Assessment of the general condition of the patient*	0-2	
	Assessment of the patient's biological condition (implementation and evaluation of activities)* -omission of an important problem results in obtaining an insufficient assessment from the report	0-8	
	Assessment of mental state (implementation and evaluation of activities)*	0-5	
	Assessment of social status (implementation and evaluation of activities)	0-3	
	Ability to assess the effects of the implemented activities and formulate recommendations for the next duty*	0-3	
	Correctness of medical/professional vocabulary, aesthetics of work*	0-2	
	Together		

*Obtaining 0 points under any criterion results in an unsatisfactory grade

Number of points and rating:

- 23-21 - very good (5.0)
- 20-19- good plus (4.5)
- 18-17- good (4.0)
- 16-14- sufficient plus (3.5)
- 13-12- sufficient (3.0)
- 11-0- insufficient (2.0)

Criteria for assessing the student's attitude

No.	Assessment of the elements of the student's attitude	Scoring	Number of points earned
	Attitude towards the patient: tact, culture, tolerance towards the patient's family, understanding the individual needs of the patient, family, taking actions to support the patient, sensitization to the patient's problems, his family understanding, patience, respect for the patient's rights*.	0-8	
	Attitude towards the therapeutic team: personal culture of the student, kindness towards colleagues, staff, ability to cooperate in a team (communicating with people and listening to others, trying to solve difficult situations)*.	0-6	
	Attitude towards the profession and science: commitment to nursing work (motivation to work, interest, improving the quality of services provided), improvement of methods and organization of work (accuracy, independence of decisions made, adaptation to changes in the environment), level of professional aspirations (enrichment of medical knowledge, interest in the directions of development of nursing care, motivation for continuous learning), self-assessment of one's own behavior (attitude to mistakes, responsibility, self-assessment of the level of knowledge, skills and capabilities)*.	0-6	
	The student's attitude towards the regulations: punctuality, avoidance of absenteeism, compliance with the regulations of the institution / unit and classes conducted, correct uniforms, aesthetic appearance*.	0-3	
	Together		

*Obtaining 0 points under any criterion results in an unsatisfactory grade

Number of points and rating:

23-21 - very good (5.0)

20-19- good plus (4.5)

18-17- good (4.0)

16-14- sufficient plus (3.5)

13-12- sufficient (3.0)

11-0- insufficient (2.0)

FINAL EXAM IN THE SUBJECT

- The condition for admission to the exam is to obtain a positive pass from lectures and exercises, practical classes, professional practice and BUNY.
- The exam takes the form of a written test, a 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% of correct answers qualify for a positive assessment.

Test evaluation criteria

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

and/or reply orally

Evaluation criteria – oral answer

Assessment	Criterion
Very good	Correct, full, independent answer to 3 questions asked to the student by the lecturer
Endorsement	Correct, requiring little orientation by the teacher, answer to the 3 questions asked to the student
Sufficient	Correct, incomplete, requiring significant orientation by the teacher answer to the 3 questions asked to the student
Insufficient	No answer or incorrect answer to each of the 3 questions asked to the student

FINAL GRADE IN THE SUBJECT:

- the exam is 60% of the final grade in the subject,
- the remaining 40% is the average grade from other forms of classes.

The final grade is recalculated according to the following 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 missed classes 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 in lectures, exercises, practical classes during the period of absence are made by the lecturer in charge of the class, and the internship is made by the internship coordinator. Both the student returning from dean's leave and the student repeating the year are required to attend all classes and take the credit/examination. Only in the case of obtaining at least a pass/examination grade (3.0) in a given year, a student repeating a year due to another subject may be exempted from having to attend classes and take and pass the subject.

Acceptance: Vice-Chancellor for Science and Educational Quality