Appendix No. 1.5 to the Resolution No. 7/2023

of the Rector of the University of Rzeszów

**SYLLABUS**

**regarding the qualification cycle FROM 2024TO 2025**

**Academic year 2024/2025**

1. Basic Course/Module Information

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| --- | --- |
| Course/Module title | Cardiology Nursing |
| Course/Module code \* |  |
| Faculty (name of the unit offering the field of study) | College of Medical Sciences |
| Name of the unit running the course |  |
| Field of study | nursing |
| Qualification level | second |
| Profile | practical |
| Study mode | stationary |
| Year and semester of studies | 1st year, 2nd degree, 2nd semester |
| Course type | Advanced nursing practice |
| Language of instruction | Polish |
| Coordinator | Anna Malisiewicz, Mrs |
| Course instructor | Anna Malisiewicz  Professional practice: Persons fulfilling the training criteria practical |

\* - as agreed at the faculty

1.1.Learning format – number of hours and ECTS credits

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Semester  (n0.) | Lectures | Classes | Colloquia | Lab classes | Seminars | Practical classes | Internships | others | **ECTS credits** |
|  | 10 |  |  | 20 |  |  |  |  | 6 |

1.2. Course delivery methods

- conducted in a traditional way

- involving distance education methods and techniques

1.3. Course/Module assessment (exam, pass with a grade, pass without a grade)   
 EXAM

2. Prerequisites

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| Knowledge of anatomy, human physiology, pedagogy, psychology, internal medicine, fundamentals of nursing, health education, physical examination |

3. Objectives, Learning Outcomes, Course Content, and Instructional Methods

3.1. Course/Module objectives

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| --- | --- |
| O1 | Utilising the theoretical underpinnings of circulatory insufficiency, cardiac arrhythmias and hypertension in health education and patient care. |
| O2 | Preparing students for patient education in:  - ways to improve self-care behaviour ( education strategies)  - education programmes on heart disease (high blood pressure)  - quality of life in heart failure  - curricular therapeutic education (initial education, extended education) |
| O3 | To prepare students to form a collaborative relationship with adolescents, elderly people with hypertension, chronic circulatory insufficiency and cardiac arrhythmias and their families. |
| O4 | Develop practical skills to plan, motivate and carry out education for the patient, family or carer with chronic circulatory insufficiency, cardiac arrhythmias. |
| O5 | To develop students' attitudes to furthering their knowledge in the care and education of the patient with chronic cardiovascular disease. |

3.2. Course/Module Learning Outcomes (to be completed by the coordinator)

|  |  |  |
| --- | --- | --- |
| Learning Outcome | The description of the learning outcome  defined for the course/module | Relation to the degree programme outcomes |
| LO\_01 | Principles of diagnostic - therapeutic management and care of patients with hypertension, cardiac arrhythmias, chronic circulatory insufficiency and modern technologies used in the treatment and monitoring of patients with systemic diseases circulations |  |
| LO\_02 | Preparation patient z hypertension arterial hypertension, chronic circulatory insufficiency and arrhythmias a heart for self-care and self-care |  |
| LO\_03 | Plan and carry out therapeutic education for the patient, family and carer on self-care and self-care in hypertension arterial, chronic circulatory insufficiency and cardiac arrhythmias |  |
| LO\_04 | Use modern information technology to monitor patients with cardiovascular disease |  |
| LO\_05 | make a critical appraisal of one's own actions and of those of colleagues, while respecting differences worldview and culture; |  |
| LO\_06 | to take responsibility for the health services provided; |  |

**3.3. Course content (to be completed by the coordinator)**

1. Lectures

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| --- |
| Content outline |
| Cardiovascular health prevention programmes implemented in Poland. |
| Contemporary hypertension therapy - hypertension in adolescents, young adults adults and the elderly. |
| Assessment of the patient with cardiac arrhythmias - aetiology, classification, prognostic implications and therapeutic. |
| A comprehensive approach to prevention - primary prevention, secondary prevention, programme preventive cardiology. |
| The contemporary role and tasks of the nurse in the therapeutic education of the patient with diseases chronic cardiovascular diseases |
| Modern technologies in Poland and internationally used in patients with cardiovascular diseases. |

1. Classes, tutorials/seminars, colloquia, laboratories, practical classes

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| --- |
| Content outline |
| How to educate and motivate the patient, family and carers - factors influencing intrinsic motivation, goal-setting principles, appropriate use of phrases, words. |
| Patient compliance with treatment recommendations - guidelines, therapy pharmacological, non-pharmacological. |
| Holistic aspect of self-care and self-care of patients with chronic diseases. |
| Heart failure problems - priorities, physical symptoms, subjective, equipment, self-involvement in treatment, conscious self-monitoring by the patient. |

3.4. Methods of Instruction

e.g.

*Lecture: a problem-solving lecture/a lecture supported by a multimedia presentation/ distance learning*

*Classes: text analysis and discussion/project work (research project, implementation project, practical project)/ group work (problem solving, case study, discussion)/didactic games/ distance learning*

*Laboratory classes: designing and conducting experiments*

4. Assessment techniques and criteria

4.1 Methods of evaluating learning outcomes

|  |  |  |
| --- | --- | --- |
| Learning outcome | Methods of assessment of learning outcomes (e.g. test, oral exam, written exam, project, report, observation during classes) | Learning format (lectures, classes,…) |
| LO-01 | Written examination (single-choice test) |  |
| LO-o2, LO-o3, LO-o4, LO-o5  LO-o6 | Observation of the student's attitudes and behaviour during the activity.  Observation of student work and completion of assigned tasks. |  |

4.2 Course assessment criteria

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| Lectures  A prerequisite for admission to the examination is the successful completion of exercises and work placements. You must then obtain a minimum of 60% of the correct answers in a singlechoice written test. The test contains 40 questions. A passing grade (minimum 3.0) for each learning outcome is a prerequisite for passing. Scope of assessment:  5.0 - student passed learning outcomes at 93 - 100% 4.5 - student passed learning outcomes at 85 - 92% 4.0 - student passed learning outcomes at 77 - 84% 3.5 - student passed learning outcomes at 69 - 76% 3.0 - student passed learning outcomes at 60 - 68% 2.0 - student passed learning outcomes below 60%  Exercises  Pass grade including, where the student has 100% attendance at lectures and exercises, actively participates in classes, willingly takes part in discussions. Has theoretical knowledge, is able to prepare a patient with arterial hypertension, chronic circulatory insufficiency and cardiac arrhythmia for self-care and self-care. He knows the principles of diagnostic and therapeutic management of the above-mentioned patient and can independently plan therapeutic education of the patient, his family or carer. In addition, he prepared and presented a multimedia presentation.  Scope of assessment: 5.0 - student passed learning outcomes at 93 - 100% 4.5 - student passed learning outcomes at 85 - 92% 4.0 - student passed learning outcomes at 77 - 84% 3.5 - student passed learning outcomes at 69 - 76% 3.0 - student passed learning outcomes at 60 - 68% 2.0 - student passed learning outcomes below 60% |

5. Total student workload needed to achieve the intended learning outcomes

– number of hours and ECTS credits

|  |  |
| --- | --- |
| Activity | Number of hours |
| Scheduled course contact hours | 30 |
| Other contact hours involving the teacher (consultation hours, examinations) | 1 |
| Non-contact hours - student's own work (preparation for classes or examinations, projects, etc.) | 2 |
| Total number of hours | 33 |
| Total number of ECTS credits | 6 |

\* One ECTS point corresponds to 25-30 hours of total student workload

6. Internships related to the course/module

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| --- | --- |
| Number of hours |  |
| Internship regulations and procedures |  |

7. Instructional materials

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| Compulsory literature:   1. Gajewski P. (ed.) " Szczeklik's Interna" - small textbook, chapter 2. cardiovascular diseases, , Medycyna Praktyczna, 2018/2019. 2. 2. Talarska D., Zozulińska - Ziółkiewicz D., "Pielęgniarstwo internistyczne", Warszawa, Wydawnictwo Lekarskie PZWL, 2017. 3. 3. Czapla M., Jankowski P "Żywienie w chorobach serca", Warsaw, Wydawnictwo Lekarskie PZWL, 2022. |
| Complementary literature:  1. Wong N.D., Black H.R., Gardin J.M. Preventive cardiology, chapter IV - prevention of heart disease in special populations, chapter V - a comprehensive approach to prevention, Centre for Medical Publications, 2005.  2. Głuszka J. (ed.), Contemporary therapy of hypertension, TERMEDIA, 2018.  3. Grodzicki T., Kocemba J., Gryglewski B., Hypertension in the elderly, VIA MEDIA, 2009.  4. Litwin M., Januszewicz A., Prejbisz A., Hypertension in adolescents and young adults |

Approved by the Head of the Department or an authorised person