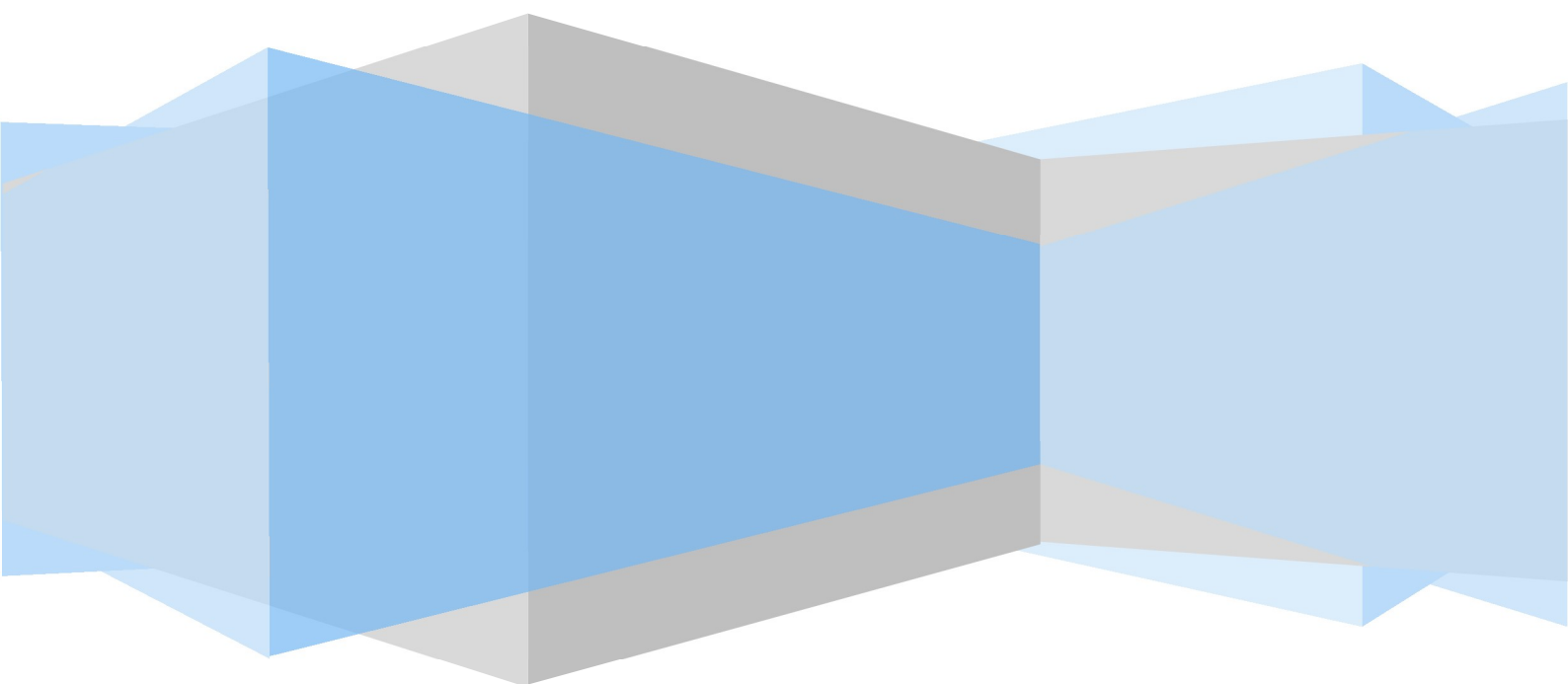


Bjelovar University of Applied Sciences

COURSE CATALOGUE

NURSING - academic year 2020/21



Catalogue of courses offered in English

| NAME OF THE COURSE | SEMESTER (WS / SS / WS & SS) | ECTS | PAGE WITH DETAILED DESCRIPTION OF THE COURSE |
|---|---|-------------|---|
| Fundamentals of Medical Chemistry and Biochemistry | WS | 1 | 3 |
| English Language I | WS | 1 | 4 |
| Information Technologies in Nursing Care | SS | 2 | 5 |
| Communication Skills | SS | 2 | 6 |
| Clinical Practice in Nursing Care I | WS / SS | 5 | 7 |
| English Language II | SS | 1 | 8 |
| Nursing Care of Mothers and Newborns | WS | 6 | 9 |
| Health Psychology | WS | 2 | 10 |
| Wound Management | WS | 2 | 11 |
| Cultural Aspects in Nursing Care | WS | 2 | 12 |
| Public Health | SS | 3 | 13 |
| Organisation, Management and Administration in Nursing Care | SS | 4 | 14 |
| Clinical Practice in Nursing Care II | WS / SS | 4 | 16 |
| Nursing Care of Patients with Speech and Language Disorders | SS | 2 | 18 |
| Psychiatry and Mental Health | WS | 2 | 19 |
| Fundamentals of Research Work in Nursing | WS | 4 | 20 |
| Nursing Care in the Community | SS | 4 | 21 |
| Health Education with Learning and Teaching Methods | SS | 3 | 23 |
| Clinical Practice in Nursing Care III | WS / SS | 5 | 24 |

| General information | | | | | | | |
|--|---|---------------------|-----|----|---|----|----------|
| Course instructor | Rudolf Kiralj, PhD, senior lecturer | | | | | | |
| Course title | Fundamentals of Medical Chemistry and Biochemistry | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | |
| Course status | Compulsory | | | | | | |
| Year | 1 st , WS | | | | | | |
| ECTS | 1 | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | Seminars |
| | 15 | M | PRC | PT | F | CL | SCL |
| | 5 | | | | | | 5 |

*M-methodology training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION | | | | | | | |
|---|------|-----------------------|------|---------------|------|-------------------|-----|
| 1.1. Expected learning outcomes | | | | | | | |
| <ul style="list-style-type: none"> - explain basic structure principles of proteins, carbohydrates, lipids and nucleic acids - identify the function of the most relevant proteins, carbohydrates and lipids in the human organism - explain the basic principles of digestion and metabolism. | | | | | | | |
| 1.2. Students' obligations | | | | | | | |
| <p>Regular attendance and active participation in classes (interactive communication with the course instructor, questions-answers), connecting previously acquired knowledge and skills with the content of the course. During the semester students are given topics for a seminar paper that are dealt with individually or in groups. Seminar paper is publicly presented. Seminar paper topics involve issues anticipated by the course content. Active participation in methodology training sessions where practical topics from the pre-analytic phase of the laboratory process are dealt with, as well as case studies and laboratory findings.</p> | | | | | | | |
| 1.3. Students' performance monitoring | | | | | | | |
| Class attendance | 0.10 | Class participation | 0.10 | Seminar paper | 0.10 | Experimental work | 0.1 |
| Written exam | 0.3 | Oral exam | 0.3 | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | |
| Portfolio | | | | | | | |

| General information | | | | | | | |
|--|--|---------------------|-----|----|---|----|----------|
| Course instructor | Ivana Jurković, lecturer | | | | | | |
| Course title | English Language I | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | |
| Course status | Elective | | | | | | |
| Year | 1 st , WS | | | | | | |
| ECTS | 1 | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | Seminars |
| | | M | PRC | PT | F | CL | SCL |
| | | | | | | | 15 |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION | | | | | | | |
|---|-----|-----------------------|-----|---------------|-----|-------------------|--|
| 1.1. Expected learning outcomes | | | | | | | |
| <p>Upon fulfilment of all the required course requirements the students will be able to:</p> <ul style="list-style-type: none"> • translate professional texts about topics related to the course content with the help of a dictionary • apply the specialised vocabulary done in class • understand the difference between the grammatical structures taught and the correct use thereof • understand texts / listening dialogues that make use of the specialised vocabulary and grammatical structures covered in the course • actively use the language (in written form and orally) to talk about the topics that have been covered in the course • explain the patient hospital admission procedure, give instructions and take an anamnesis • give instructions on administering the first aid, ask patients about the pain they are feeling, describe the pain, ask patients about the symptoms, do a report on the patient's symptoms. | | | | | | | |
| 1.2. Students' obligations | | | | | | | |
| Regular class attendance (allowed absence for full-time students is 25% of classes, and for part-time students 50%). | | | | | | | |
| 1.3. Students' performance monitoring | | | | | | | |
| Class attendance | | Class participation | 0.2 | Seminar paper | 0.4 | Experimental work | |
| Written exam | 1.2 | Oral exam | 0.2 | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | |
| Portfolio | | | | | | | |

| General information | | | | | | | |
|--|--|---------------------|-----|----|---|----|----------|
| Course instructor | Zoran Vrhovski, senior lecturer | | | | | | |
| Course title | Information Technologies in Nursing Care | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | |
| Course status | Compulsory | | | | | | |
| Year | 1 st , SS | | | | | | |
| ECTS | 2 | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | Seminars |
| | 15 | M | PRC | PT | F | CL | SCL |
| | | | | 30 | | | |

*M-methodology training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION | | | | | | | |
|--|------|-----------------------|------|---------------|--|-------------------|--|
| 1.1. Expected learning outcomes | | | | | | | |
| Upon completion of the course the students will be able to: <ul style="list-style-type: none"> - describe and explain basic terms in IT and healthcare information systems - explain and apply computer techniques in the process of nursing care - select relevant databases that are applicable in the process of nursing care, and for the purpose of studying and research - implement information technologies in all communication processes in healthcare institutions - implement information technologies in the process of improving nursing documentation and the protection of personal and health-related patient data | | | | | | | |
| 1.2. Students' obligations | | | | | | | |
| <ul style="list-style-type: none"> - exercises in software tools Word, Excel, Access - completion of homework assignments in software tools Word, Excel, Access - preliminary exams in software tools Word, Excel, Access | | | | | | | |
| 1.3. Students' performance monitoring | | | | | | | |
| Class attendance | 0.25 | Class participation | 0.25 | Seminar paper | | Experimental work | |
| Written exam | 0.5 | Oral exam | 0.5 | Essay | | Research | |
| Project | | Continuous assessment | 0.5 | Class report | | Practical work | |
| Portfolio | | | | | | | |

| General information | | | | | | | |
|--|--|---------------------|-----|----|---|----|----------|
| Course instructor | Tatjana Badrov, MSc, senior lecturer | | | | | | |
| Course title | Communication Skills | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | |
| Course status | Compulsory | | | | | | |
| Year | 1 st , SS | | | | | | |
| ECTS | 2 | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | Seminars |
| | 15 | M | PRC | PT | F | CL | SCL |
| | 15 | | | | | | |

*M-methodology training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION | | | | | | | |
|--|-----|-----------------------|-----|---------------|--|-------------------|--|
| 1.1. Expected learning outcomes | | | | | | | |
| Upon course completion and fulfilled obligations, students will be able to: | | | | | | | |
| <ul style="list-style-type: none"> - define communication, explain the notion, types, objectives and principles of communication - name the features of information and therapeutic communication - recognise and demonstrate basic non-verbal and paraverbal messages - explain and compare basic communication styles - recognise and demonstrate basic obstacles in the communication with patients and their family members - recognise and resolve simple complaints made by patients or their family members - compare and interpret specifics of communicating with persons with limited communication abilities, children, adolescents and the elderly - prepare and deliver a presentation on a given subject in the area of nursing - identify and choose an adequate leadership style within a team. | | | | | | | |
| 1.2. Students' obligations | | | | | | | |
| 1.3. Students' performance monitoring | | | | | | | |
| Class attendance | | Class participation | 0.5 | Seminar paper | | Experimental work | |
| Written exam | 0.5 | Oral exam | 0.5 | Essay | | Research | |
| Project | | Continuous assessment | 0.5 | Class report | | Practical work | |
| Portfolio | | | | | | | |

| General information | | | | | | | | | |
|--|--|---------------------|-----|----|---|-----|-----|----------|--|
| Course instructor | Đurđica Grabovac, lecturer | | | | | | | | |
| Course title | Clinical Practice in Nursing Care I | | | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | | | |
| Course status | Compulsory | | | | | | | | |
| Year | 1 st , WS / SS | | | | | | | | |
| ECTS | 5 | | | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | | Seminars | |
| | | M | PRC | PT | F | CL | SCL | | |
| | | | | | | 120 | 30 | | |

*M-methodology training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION | | | | | | | |
|---|--|-----------------------|--|---------------|--|-------------------|---|
| 1.1. Expected learning outcomes | | | | | | | |
| <p>Upon course completion students will be able to:</p> <ul style="list-style-type: none"> - describe patient nursing care based on human needs - describe admission, transfer and discharge of patients - provide nursing care of immobile patients, geriatric patients, patients in their final phase of life - perform hand hygiene - perform personal hygiene of the patient - perform oral cavity care - keep records of liquid and food intake and output, recognise deviations and implement appropriate interventions - perform assistance interventions in moving and turning the patient - carry out the disinfection and sterilisation procedure - measure vital signs, notice deviations from normal values and implement appropriate interventions - assess bodily secretions, recognise pathological conditions and implement appropriate interventions - carry out therapy procedures (introduction and of a urinary catheter and application of enema) - implement enteral and parenteral therapy - keep records of nursing care. | | | | | | | |
| 1.2. Students' obligations | | | | | | | |
| Compulsory attendance of clinical practice | | | | | | | |
| 1.3. Students' performance monitoring | | | | | | | |
| Class attendance | | Class participation | | Seminar paper | | Experimental work | |
| Written exam | | Oral exam | | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | 5 |
| Portfolio | | | | | | | |

| General information | | | | | | | |
|--|--|---------------------|-----|----|---|----|----------|
| Course instructor | Ivana Jurković, lecturer | | | | | | |
| Course title | English Language II | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | |
| Course status | Elective | | | | | | |
| Year | 1 st , SS | | | | | | |
| ECTS | 1 | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | Seminars |
| | | M | PRC | PT | F | CL | SCL |
| | | | | | | | 15 |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION | | | | | | | |
|---|-----|-----------------------|-----|---------------|-----|-------------------|--|
| 1.1. Expected learning outcomes | | | | | | | |
| <p>Upon fulfilment of all the required course requirements the students will be able to:</p> <ul style="list-style-type: none"> • translate professional texts about topics related to the course content with the help of a dictionary • apply the specialised vocabulary done in class • understand the difference between the grammatical structures taught and the correct use thereof • understand texts / listening dialogues that make use of the specialised vocabulary and grammatical structures covered in the course • actively use the language (in written form and orally) to talk about the topics that have been covered in the course • explain the patient hospital admission procedure, give instructions and take an anamnesis • give instructions on administering the first aid, ask patients about the pain they are feeling, describe the pain, ask patients about the symptoms, do a report on the patient's symptoms. | | | | | | | |
| 1.2. Students' obligations | | | | | | | |
| Regular class attendance (allowed absence for full-time students is 25% of classes, and for part-time students 50%). | | | | | | | |
| 1.3. Students' performance monitoring | | | | | | | |
| Class attendance | | Class participation | 0.2 | Seminar paper | 0.4 | Experimental work | |
| Written exam | 1.2 | Oral exam | 0.2 | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | |
| Portfolio | | | | | | | |

| General information | | | | | | | | |
|--|--|---------------------|-----|----|----|----|-----|----------|
| Course instructor | Mirna Žulec, senior lecturer | | | | | | | |
| Course title | Nursing Care of Mothers and Newborns | | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | | |
| Course status | Compulsory | | | | | | | |
| Year | 2 nd , WS | | | | | | | |
| ECTS | 6 | | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | | Seminars |
| | 45 | M | PRC | PT | F | CL | SCL | 15 |
| | | | | | 90 | 60 | | |

*M-methodology training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION | | | | | | | |
|--|-----|-----------------------|-----|---------------|---|-------------------|---|
| 1.1. Expected learning outcomes | | | | | | | |
| <p>Upon course completion students will be able to:</p> <ul style="list-style-type: none"> - define the nursing care needs in pregnant women, women in labour, puerpera based on collecting data, assessment, analysis and interpretation of data - define nursing care needs in newborns based on collecting data, assessment, analysis and interpretation of data - educate pregnant women, women in labour, puerpera on nutrition, physiological changes, physical activity for the purpose of promoting and preserving health and preventing illnesses during pregnancy and after child delivery - explain problems in antenatal, intrapartal and postpartal period in pregnant women, women in labour, puerpera based on collecting data, assessment, analysis and interpretation of data - define and explain child delivery methods, preparation of a pregnant women for delivery and possible complications during delivery - describe urgent conditions in women during pregnancy and puerperium - describe a normal postpartal period and postpartal complications - describe physiological changes in newborns in the early newborn period and at delivery ward discharge - define conditions that require urgent interventions in the newborn period - acquire knowledge and skills required for working in a multidisciplinary team in the process of problem-solving and preserving health of mothers and newborns | | | | | | | |
| 1.2. Students' obligations | | | | | | | |
| Lecture attendance, preparation and presentation of a seminar paper (1), practical training in the practicum and at healthcare institutions, preparation for the written and oral exam | | | | | | | |
| 1.3. Students' performance monitoring | | | | | | | |
| Class attendance | 0.5 | Class participation | 0.5 | Seminar paper | 1 | Experimental work | |
| Written exam | 1 | Oral exam | 1 | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | 2 |
| Portfolio | | | | | | | |

| General information | | | | | | | |
|--|--|---------------------|-----|----|---|----|----------|
| Course instructor | Marija Kudumija Slijepčević, senior lecturer | | | | | | |
| Course title | Health Psychology | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | |
| Course status | Compulsory | | | | | | |
| Year | 2 nd , WS | | | | | | |
| ECTS | 2 | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | Seminars |
| | 30 | M | PRC | PT | F | CL | SCL |
| | 15 | | | | | | |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION | | | | | | | |
|---|-----|-----------------------|-----|---------------|--|-------------------|--|
| 1.1. Expected learning outcomes | | | | | | | |
| <ul style="list-style-type: none"> - Identifying the negative effects emotional states have on health-related behaviour - Predicting the behaviour of persons of different ages in dealing with illness - Recognising the connection between diverse health problems and psychological consequences - Being familiar with the basic methods of responding and helping patients in stressful situations in the medical context - Collection, analysis and interpretation of data provided by scientific research in the field of health psychology - Distinguishing between a psychological and physical reaction to illness - Being able to explain the connection and interaction between psychological and physical reactions to stressful situations - Explaining the emotional consequences of health problems and the health consequences of psychological disorders | | | | | | | |
| 1.2. Students' obligations | | | | | | | |
| 75% class attendance for full-time and 50% for part-time students. | | | | | | | |
| 1.3. Students' performance monitoring | | | | | | | |
| Class attendance | 0.2 | Class participation | 0.4 | Seminar paper | | Experimental work | |
| Written exam | 1.4 | Oral exam | | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | |
| Portfolio | | | | | | | |

| General information | | | | | | | | | |
|--|--|---------------------|-----|----|---|----|-----|-------|----------|
| Course instructor | Mirna Žulec, senior lecturer | | | | | | | | |
| Course title | Wound Management | | | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | | | |
| Course status | Elective | | | | | | | | |
| Year | 2 nd , WS | | | | | | | | |
| ECTS | 2 | | | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | | | Seminars |
| | | M | PRC | PT | F | CL | SCL | SCL-M | |
| | 10 | 10 | | | | 15 | 15 | 10 | |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

1. COURSE DESCRIPTION

1.1. Expected learning outcomes

Upon course completion the students will be able to:

- explain and differentiate between stages of the wound healing process, and identify the factors that affect the physiological healing process
- list the local and systemic factors and explain their effect on the physiological healing process
- assess the quality of life and the psychosocial condition of persons with a chronic wound
- explain, assess and implement preventive measures, and educate the patient/family on self-care
- assess wound status, as well as select and apply the adequate topical therapy
- apply the knowledge acquired on evidence of wound status and healing to adequately select, analyse and document nursing care based on a holistic patient approach

1.2. Students' obligations

The students' obligations include class attendance, completion of practicum sessions and practice in institutions, and preparation for the written and oral exam.

1.3. Students' performance monitoring

| | | | | | | | |
|------------------|-----|-----------------------|--|---------------|--|-------------------|---|
| Class attendance | 0.5 | Class participation | | Seminar paper | | Experimental work | |
| Written exam | 0.5 | Oral exam | | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | 1 |
| Portfolio | | | | | | | |

| General information | | | | | | | | | |
|--|--|---------------------|-----|----|---|----|-----|-------|----------|
| Course instructor | Mirna Žulec, senior lecturer | | | | | | | | |
| Course title | Cultural Aspects in Nursing Care | | | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | | | |
| Course status | Elective | | | | | | | | |
| Year | 2 nd , WS | | | | | | | | |
| ECTS | 2 | | | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | | | Seminars |
| | | M | PRC | PT | F | CL | SCL | SCL-M | |
| | 10 | 10 | | | | 15 | 15 | 10 | |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

1. COURSE DESCRIPTION

1.1. Expected learning outcomes

Upon course completion the students will be able to:

- Identify factors that affect cultural diversity
- Determine cultural differences that affect nursing care
- Compare various beliefs and value systems
- Determine personal responses to cultural diversity
- Establish communication with persons of various cultures
- Analyse cultural differences in the approach to health in cultures that exist in the Republic of Croatia
- Apply evidence-based nursing care in providing culturally competent nursing care

1.2. Students' obligations

The students' obligations include class attendance, completion of practicum sessions and practice in institutions, and preparation for the written and oral exam.

1.3. Students' performance monitoring

| | | | | | | | |
|------------------|-----|-----------------------|-----|---------------|--|-------------------|-----|
| Class attendance | 0.5 | Class participation | 0.5 | Seminar paper | | Experimental work | |
| Written exam | 0.5 | Oral exam | | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | 0.5 |
| Portfolio | | | | | | | |

| General information | | | | | | | |
|--|--|---------------------|-----|----|---|----|----------|
| Course instructor | Zrinka Puharić, PhD, senior lecturer | | | | | | |
| Course title | Public Health | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | |
| Course status | Compulsory | | | | | | |
| Year | 2 nd , SS | | | | | | |
| ECTS | 3 | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | Seminars |
| | 30 | M | PRC | PT | F | CL | SCL |
| | 15 | | | | | | |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION | | | | | | | |
|---|-----|-----------------------|--|---------------|-----|-------------------|--|
| 1.1. Expected learning outcomes | | | | | | | |
| Upon completion of the course when all their obligations have been fulfilled students will be able to: | | | | | | | |
| <ul style="list-style-type: none"> - elaborate on the basic concepts related to public health (health, system of health prevention, health economics) - identify and describe the risk factors that exert an influence on all the groups within society, and to analyse and establish connections between them - elaborate on methods of social intervention in the fields of social security, unemployment and health - interpret the relations between social needs and social protection, co-protection and self-protection propose and independently plan nursing procedures and measures in the field of preventive medicine and social medicine at all levels of health care - assess the nursing procedures in the areas of preventive medicine and social medicine | | | | | | | |
| 1.2. Students' obligations | | | | | | | |
| The students are required to participate in all the forms of instruction. Class attendance follows the official class schedule and is in accordance with the Study Regulations of the Technical College in Bjelovar. They are expected to write an essay on a selected or proposed topic and pass the final written exam. In their essay the students should demonstrate mastery of the subject matter, knowledge and application of the material covered in the course, the ability of finding relevant reference literature, as well as their writing skills. | | | | | | | |
| 1.3. Students' performance monitoring | | | | | | | |
| Class attendance | 0.5 | Class participation | | Seminar paper | | Experimental work | |
| Written exam | 2 | Oral exam | | Essay | 0.5 | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | |
| Portfolio | | | | | | | |

| General information | | | | | | | |
|--|--|---------------------|-----|----|---|----|----------|
| Course instructor | Marina Friščić, lecturer | | | | | | |
| Course title | Organisation, Management and Administration in Nursing Care | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | |
| Course status | Compulsory | | | | | | |
| Year | 2 nd , SS | | | | | | |
| ECTS | 4 | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | Seminars |
| | 30 | M | PRC | PT | F | CL | SCL |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION |
|--|
| 1.1. Expected learning outcomes |
| <ul style="list-style-type: none"> - being able to elaborate on and explain the theories of management, processes of management, concepts relating to organisation culture, organisation principles and concepts, structure of work organisations and the specific aspects of strategic and operative management - demonstrating organisation and management skills in the nursing practice: management modes at different management levels - elaborating on and applying styles and models of human resources management - elaborating on and applying various models of work organisation in the process of nursing care - elaborating on and demonstrating models of delegating tasks and the supervision process in the nursing practice - being able to explain the functioning of the technical and structural support systems and their application in the nursing practice - elaborating on and demonstrating the categorisation of patients in the nursing practice: organisation of work of nurses in response to patients' needs, calculating the number of nurses needed based on patients' needs through direct and indirect nursing care - elaborating on the principles of teamwork: building a team and an interdisciplinary and multidisciplinary approach to nursing care - demonstrating time management: applying the principles of time management in the nursing practice - planning and implementing/demonstrating the process of change management in the nursing practice - elaborating on the ways, principles and conditions of decision making, as well as their application in the nursing practice - elaborating on the processes of quality management in the field of nursing care: quality control systems, quality standards in nursing practice, quality circle and quality indicators - elaborating on the principles of administrative work: nursing documentation, electronic medical records, e-visits, modes of planning the material and other costs, modes and principles of coordinating work with the non-medical services within a work organisation. |
| 1.2. Students' obligations |

The students are required to participate in all the forms of instruction. Class attendance follows the official class schedule and is in accordance with the Study Regulations of the Technical College in Bjelovar. The students are expected to write a seminar paper on a selected or proposed topic and pass the oral exam. In their seminar paper they should demonstrate mastery of the subject matter, knowledge and application of the material covered in the course, the ability of finding relevant reference literature, as well as their writing skills.

1.3. Students' performance monitoring

| | | | | | | | |
|------------------|-----|-----------------------|---|---------------|-----|-------------------|---|
| Class attendance | 1.3 | Class participation | | Seminar paper | 0.5 | Experimental work | |
| Written exam | | Oral exam | 1 | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | 1 |
| Portfolio | 0.2 | | | | | | |

| General information | | | | | | | | |
|--|--|---------------------|-----|----|---|-----|----------|--|
| Course instructor | Goranka Rafaj, lecturer | | | | | | | |
| Course title | Clinical Practice in Nursing Care II | | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | | |
| Course status | Compulsory | | | | | | | |
| Year | 2 nd , WS / SS | | | | | | | |
| ECTS | 4 | | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | Seminars | |
| | | M | PRC | PT | F | CL | SCL | |
| | | | | | | 100 | 20 | |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION |
|--|
| <i>1.1. Expected learning outcomes</i> |
| <p>Upon course completion the students will know how to:</p> <ul style="list-style-type: none"> - apply nursing documentation in internal, infectology, neurology and paediatrics wards - identify and elaborate on ways of admitting and discharging patients - explain the protocol of patient care in the intensive care unit - describe and explain the importance of patient monitoring - elaborate on the preparation of patients for various therapeutic and diagnostic procedures - elaborate on and perform the Mantoux test - explain the preparation and know how to use infusion solutions through infusion pumps - explain the procedure and potential complications of blood or blood product transfusion - describe and explain the application of cytostatic therapy - describe and explain the procedures related to care of patients in sterile units - elaborate on indications for nasogastric tube insertion - explain and perform the procedure of nasogastric tube insertion - explain the procedure of secretion aspiration from the respiratory tract - explain the techniques of feeding a neurology patient - elaborate on measures of self-protection during cytostatic therapy - elaborate on conditions that can lead to disorders of consciousness - describe procedures of taking microbiological samples - describe and explain the importance of evaluating the psychomotor development of a child - describe and apply techniques of holding children for certain medical-technical procedures - elaborate on the importance of preparation of incubator for children - identify pathological conditions in vitally endangered children - plan the nursing care in the paediatric intensive care unit - describe, explain and perform monitoring of vitally endangered children - describe and explain the importance of partnership with sick children and their parents - describe and explain the differences in reanimation procedure on newborns and small children |
| <i>1.7. Students' obligations</i> |
| The students are expected to attend the practical sessions and draw up their own plan of nursing care of a patient in the internal, infectology, neurology and paediatric ward, and present a case report. |

1.8. Students' performance monitoring

| | | | | | | | |
|------------------|--|-----------------------|--|---------------|--|-------------------|---|
| Class attendance | | Class participation | | Seminar paper | | Experimental work | |
| Written exam | | Oral exam | | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | 4 |
| Portfolio | | | | | | | |

| General information | | | | | | | | | |
|--|--|---------------------|-----|----|---|----|-----|-------|----------|
| Course instructor | Mirna Žulec, senior lecturer Ivana Jurković, lecturer | | | | | | | | |
| Course title | Nursing Care of Patients with Speech and Language Disorders | | | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | | | |
| Course status | Elective | | | | | | | | |
| Year | 2 nd , SS | | | | | | | | |
| ECTS | 2 | | | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | | | Seminars |
| | | M | PRC | PT | F | CL | SCL | SCL-M | |
| | 10 | 10 | | | | 15 | 15 | 10 | |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

2. COURSE DESCRIPTION

1.1. Expected learning outcomes

Upon course completion the students will be able to:

- Describe the neurophysiological organisation of speech,
- Describe the functions of Broca's centre and Wernicke's centre,
- Recognise the most common language and speech disorders in pre-school and school children, adolescents, adults and seniors,
- Classify speech and language disorders based on their deviation from normal development,
- Describe social stages of communication development in a child from birth to the 30th month and name difficulties that may appear which could indicate that the child has a language development disorder,
- Describe basic disorders of pronunciation and reading,
- Define aphasia and name its causes and forms of appearance,
- Describe difficulties caused by aphasia,
- Describe language difficulties that appear in dementia.

1.2. Students' obligations

Class attendance, case report.

1.3. Students' performance monitoring

| | | | | | | | |
|------------------|--|-----------------------|---|---------------|---|-------------------|---|
| Class attendance | | Class participation | | Seminar paper | 1 | Experimental work | |
| Written exam | | Oral exam | | Essay | | Research | |
| Project | | Continuous assessment | 1 | Class report | | Practical work | 1 |
| Portfolio | | | | | | | |

| General information | | | | | | | |
|--|--|---------------------|-----|----|---|----|----------|
| Course instructor | Marija Kudumija Slijepčević, senior lecturer | | | | | | |
| Course title | Psychiatry and Mental Health | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | |
| Course status | Compulsory | | | | | | |
| Year | 3 rd , WS | | | | | | |
| ECTS | 2 | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | Seminars |
| | 30 | M | PRC | PT | F | CL | SCL |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION | | | | | | | |
|--|-----|-----------------------|-----|---------------|--|-------------------|--|
| 1.1. Expected learning outcomes | | | | | | | |
| <ul style="list-style-type: none"> - Being capable of recognising general psychopathology (disorders of consciousness; communication disorders; attention disorders; perception disorders; psychomotor disorders; thought disorders; mood and affective disorders; disorders of volition; disorders of mnemonic and intellectual abilities; impulse disorders; memory disorders) - Being capable of approaching mental health patients independently and defining the role of a nurse in keeping the nursing documentation, as well as identifying the fundamental classification of mental illnesses - Understanding the specific aspects of approaching patients with mental disorders (approaching a psychotic patient; approaching a manic patient; approaching a depressed patient; approaching a deliriant patient; approaching a patient suffering from dementia; approaching an anxious patient; approaching an aggressive patient; approaching a suicidal patient) - Being familiar with the most common psychopharmaceuticals and being capable of identifying serious side-effects of drugs; defining possible predictors of mental disorders | | | | | | | |
| 1.2. Students' obligations | | | | | | | |
| 50% class attendance for part-time and 75% for full-time students | | | | | | | |
| 1.3. Students' performance monitoring | | | | | | | |
| Class attendance | 0.2 | Class participation | 0.4 | Seminar paper | | Experimental work | |
| Written exam | 1.4 | Oral exam | | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | |
| Portfolio | | | | | | | |

| General information | | | | | | | | |
|--|--|---------------------|-----|----|---|----|-----|----------|
| Course instructor | Rudolf Kiralj, PhD, senior lecturer | | | | | | | |
| Course title | Fundamentals of Research Work in Nursing | | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | | |
| Course status | Compulsory | | | | | | | |
| Year | 3 rd , WS | | | | | | | |
| ECTS | 4 | | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | | Seminars |
| | 30 | M | PRC | PT | F | CL | SCL | 15 |
| | | 30 | | | | | 25 | |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION | | | | | | | |
|--|---|--|---|---------------|---|-------------------|--|
| 1.1. Expected learning outcomes | | | | | | | |
| After all the lectures, seminars, practical sessions, individual work and passing the exam the students will know how to: | | | | | | | |
| <ul style="list-style-type: none"> - apply the knowledge of research methodology and integrate them with the acquired knowledge of using medical information and application of statistical methods and procedures in medicine - apply the basic knowledge and skills related to research and use of professional and scientific literature - elaborate on different types of organisation of research in the field of health care - apply the different types of presentation of data collected in research - critically assess data presentations and perform critical analyses of scientific reports on medical research | | | | | | | |
| 1.2. Students' obligations | | Regular class attendance, active participation in all the practical sessions, oral presentation of the seminar paper | | | | | |
| 1.3. Students' performance monitoring | | | | | | | |
| Class attendance | 1 | Class participation | 1 | Seminar paper | 1 | Experimental work | |
| Written exam | 1 | Oral exam | | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | |
| Portfolio | | | | | | | |

| General information | | | | | | | |
|--|--|---------------------|-----|----|----|----|----------|
| Course instructor | Mirna Žulec, senior lecturer | | | | | | |
| Course title | Nursing Care in the Community | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | |
| Course status | Compulsory | | | | | | |
| Year | 3 rd , SS | | | | | | |
| ECTS | 4 | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | Seminars |
| | 25 | M | PRC | PT | F | CL | SCL |
| | | | | | 60 | 30 | |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

1. COURSE DESCRIPTION

1.1. Expected learning outcomes

Upon course completion the students will be rendered capable of:

- collecting the necessary data for the implementation of health care of individuals and/or families
- analysing the data collected about an individual, family or community
- analysing the needs of an ill and healthy patient and/or family for the implementation of nursing care in the community
- identifying the risk factors for health damage in individuals and families and risk factors in the community
- distinguishing between diverse approaches to planning health care in the population of healthy and ill people
- distinguishing between diverse approaches to planning health care in users' homes, health care social institutions and other health care and non-health care institutions
- distinguishing between priorities in the implementation of health care in a community
- elaborating on the necessary procedures when planning and implementing health care service in a community
- practically applying the acquired knowledge, skills and methods in the implementation of health education through individual work and work with small and large groups with various public health problems across all age groups
- elaborating on the importance of a nurse in team, intersectoral and public health action
- making a plan of implementation of health care of individuals and families
- documenting nursing care

1.2. Students' obligations

The students are required to participate in all the forms of instruction. Class attendance follows the official class schedule and is in accordance with the Study Regulations of the Technical College in Bjelovar. The students are expected to write a seminar paper on a selected or proposed topic and pass the final written and oral exam. In their seminar paper they should demonstrate mastery of the subject matter, knowledge and

application of the material covered in the course, the ability of finding relevant reference literature, as well as their writing skills. Each student is expected to solve a problem task and do the practical sessions.

1.3. Students' performance monitoring

| | | | | | | | |
|------------------|-----|-----------------------|-----|---------------|-----|-------------------|--|
| Class attendance | 0.5 | Class participation | | Seminar paper | 0.5 | Experimental work | |
| Written exam | 1.5 | Oral exam | 1.5 | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | |
| Portfolio | | | | | | | |

| General information | | | | | | | |
|--|---|---------------------|-----|----|---|----|----------|
| Course instructor | Tatjana Badrov, MSc, senior lecturer Ružica Mrkonjić, lecturer | | | | | | |
| Course title | Health Education with Learning and Teaching Methods | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | |
| Course status | Compulsory | | | | | | |
| Year | 3 rd , SS | | | | | | |
| ECTS | 3 | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | Seminars |
| | 30 | M | PRC | PT | F | CL | SCL |
| | | | | | | 15 | 15 |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION | | | | | | | |
|---|-----|-----------------------|-----|---------------|--|-------------------|---|
| 1.1. Expected learning outcomes | | | | | | | |
| Being able to: | | | | | | | |
| <ul style="list-style-type: none"> - explain the fundamental learning and teaching methods - apply didactic principles in the implementation of health education - assess the health education-related needs of individuals and groups - plan health education activities of individuals and groups - implement health education programmes aimed at individuals and groups - implement activities aimed at the promotion of health | | | | | | | |
| 1.2. Students' obligations | | | | | | | |
| Class attendance in accordance with the Study Regulations of the Technical College in Bjelovar, doing a practical assignment (presentation) on a given topic. | | | | | | | |
| 1.3. Students' performance monitoring | | | | | | | |
| Class attendance | | Class participation | 0.5 | Seminar paper | | Experimental work | |
| Written exam | 0.5 | Oral exam | 0.5 | Essay | | Research | |
| Project | | Continuous assessment | 0.5 | Class report | | Practical work | 1 |
| Portfolio | | | | | | | |

| General information | | | | | | | | |
|--|--|---------------------|-----|----|---|-----|----------|--|
| Course instructor | Tamara Salaj, lecturer | | | | | | | |
| Course title | Clinical Practice in Nursing Care III | | | | | | | |
| Programme of study | Undergraduate professional programme of study in Nursing | | | | | | | |
| Course status | Compulsory | | | | | | | |
| Year | 3 rd , WS / SS | | | | | | | |
| ECTS | 5 | | | | | | | |
| Type of classes (number of contact hours) | Lectures | Practical sessions* | | | | | Seminars | |
| | | M | PRC | PT | F | CL | SCL | |
| | | | | | | 120 | 30 | |

*M-methodological training sessions PRC-preclinical practice PT-practicum training F-field work CL-clinical practice SCL-special clinical practice

| 1. COURSE DESCRIPTION |
|--|
| 1.1. Expected learning outcomes |
| <p>Upon successful completion of the course the students will be able to:</p> <ul style="list-style-type: none"> - define and apply the basic rules and procedures of surgical asepsis – clothes, footwear, space, instruments - analyse the preoperative psychological preparation of patients – stress inoculation - perform the preoperative physical preparation of patients – preparation of the operative field and the gastrointestinal tract - prepare and administer premedication - keep the preoperative nursing documentation - monitor and document a patient's postoperative condition – vital functions: blood pressure, pulse, breathing, temperature, pain - identify postoperative complications – bleeding, hypovolemic shock, dehiscence and disruption of a surgical wound, infection of a surgical wound, paralytic ileus, deep venous thrombosis, pulmonary embolism - recognise and treat postoperative problems – pain, nausea, vomiting, abdominal distension, hiccups - check the condition and functioning of thoracic drainage – monitoring, Bülau drainage, negative pressure, fluid balance – monitoring and documentation, prevention of complications - participate in hemodynamic monitoring – measuring the CVT, preparation of patients and kit, practical application - address the nursing care of patients on artificial ventilation – preparation of the ventilator, airway management and care, monitoring the ventilator, monitoring and keeping record of all the changes in the patient - monitor the process of wound healing and dress surgical wounds - recognise the symptoms and signs of surgical wound infection: temperature, pain, secretion, redness - perform the nursing care of patients with stomas – urostomy, ileostomy, colostomy, tracheostomy: patient and kit preparation, application - know the new guidelines of advanced life support – kit and its application - define differences between total, partial and enteral nutrition – indications, preparation of the necessary kit and material, an application thereof with an awareness of possible complications - administer the nursing care of neurosurgical patients – artificial ventilation, monitoring of the intracranial pressure - explain the rules of positioning the neurosurgical patient in bed - assess and monitor the successfulness of the preoperative, intraoperative and postoperative nursing care |

- plan, apply and evaluate the successfulness of procedures in special areas of the surgical nursing care
- carry out education of patients
- describe the symptoms of particular mental disorders
- identify possible risk factors
- decide on adequate interventions aimed at addressing the basic needs
- assess the patient's condition and possible manipulation (simulation/dissimulation)
- name the schools of thought in the field of therapy and methods of treatment of patients with mental disorders
- list and elaborate on types of psychopharmaceuticals
- identify potential undesirable effects of psychopharmacotherapy
- use mental status assessment scales
- prepare patients for electroconvulsive stimulation
- organise work in a small group, large group and therapeutic community
- plan counselling of patients and their families
- plan interventions aimed at the care of addicts
- demonstrate protection strategies in case of occurrence of aggressive behaviour
- identify and analyse the symptoms and conditions which may indicate suicidal behaviour
- choose the interventions aimed at patient rehabilitation and resocialisation
- organise further care of patients in the community

1.2. Students' obligations

Mandatory attendance of clinical practice

1.3. Students' performance monitoring

| | | | | | | | |
|------------------|--|-----------------------|--|---------------|--|-------------------|---|
| Class attendance | | Class participation | | Seminar paper | | Experimental work | |
| Written exam | | Oral exam | | Essay | | Research | |
| Project | | Continuous assessment | | Class report | | Practical work | 5 |
| Portfolio | | | | | | | |