

	<b>Department Study programme</b>
Description of the study programme	<p>Zadar, home of the oldest Croatian university founded in 1396 was given the opportunity to establish within its university the Department of Health Studies along with the nursing study programme. Founded on the tradition of social sciences and humanities, the Department reinvented study programmes related to health sciences that once existed in Zadar.</p> <p>The rich tradition of medical sciences in Zadar dates back to:  The first medical school, founded in 1806  The first midwifery school founded in 1821 and  The first organisation of the Red Cross in Croatia, founded in 1878.</p> <p>The Department of Health Studies is the first department in the field of biomedicine and health founded at the university of Zadar. On 4 December 2007 the Department was accredited for the Professional Undergraduate Study Programme of Nursing and on 2 November 2012 for the Undergraduate University Study Programme of Nursing. From the academic year 2014/2015 the University Study Programme of Nursing has been alligned at 82,3% with all the higher education institutions in the Republic of Croatia.</p> <p>Since its foundation, the Department has elected more than 60 professors to a titular position, 20 of which were elected into a cumulative work relationship with the Department, namely:  Full Prof. Boris Dželalija, PhD., Full Prof. Neda Aberle PhD., Full. Prof. Neven Skitarelić PhD., Assist. Prof. Ivan Bačić, PhD., Assis. Prof. Vjera Bilušić Vundač, PhD., Assis. Prof. Robert Karlo, PhD., Assis. Prof. Ivo Klarin, PhD., Assis. Prof. Aleksandar Knežević, PhD., Assis. Prof. Suzana Konjevoda, PhD., Assis. Prof. Alan Medić, PhD., Assis. Prof. Anamarija Mrđen, PhD., Assis. Prof. Dario Nakić, PhD., Assis. Prof. Zrinjka Paštar, PhD., Assis. Prof. Tatjana Šimurina, PhD., Assis. Prof. Dražen Zekanović, PhD, Teaching Assis. Nataša Skitarelić, Ms and Ivana Gusar, lecturer.</p> <p>The Department has taken two professors into a full-time continuing employment: Associate professor dr. sc. Marijana Matek-Sarić, Head of Department, associate professor dr. sc. Mira Klarin – Deputy Head of Department and also Mirta Baričević, administrative secretary.</p> <p>The city of Zadar and its administration recognized the exceptional importance of our Study Programmes for the city as well as the region. Therefore, in the academic year of 2008/2009 they assigned the Department facilities in the location of the former Đuro Đaković military barracks, on the address Splitska 1. During 2012, the facilities were adapted and converted to classrooms and well-equipped laboratories.</p> <p>Both Study programmes of Nursing are implemented by the University of Zadar, Department for Health Studies and Zadar General Hospital. Due to initiative and constant inquiries for a graduate level of studies of Nursing by the Undergraduate students, we are considering of organising the Graduate level of studies as well.</p> <p><b>STUDY PROGRAMMES</b>  Undergraduate University Nursing Studies  (Single-major)  Duration of the study: 6 semesters  Admission requirements: completed four-year secondary school and state graduation exam.  Competencies acquired upon finishing the study programme: During the three-year Undergraduate Course the student recieves knowledge on various</p>

health care theories, methods and disciplines. The programme is focused on scientific and professional training in the scientific area of biomedicine and health care, in the field of nursing. Students are trained at the University of Zadar, Zadar General Hospital and other health care institutions. The acquired theoretical and practical competencies enable students to continue their studies in the Graduate course in nursing or other related study programmes.

On qualifying the Undergraduate course, students can seek employment in any health institution.

Undergraduate course qualifies students to work as highly responsible professionals in organising health care, promoting health, preserving health and improving the society in general.

Professional title acquired upon finishing the study programme: Bachelor (baccalaureus) of nursing.

**Course list by semesters:**

Course	Status	Hours per week			ECTS
		L	S	E	
Basic Health Care	O	40	25	150	10
Information and Computer Technology in Health Care	O	15	0	30	2
Basic of Physics, Radiology and Radiation Protection	O	30	0	0	2
Basic of Medical Chemistry and Biochemistry	O	15	5	5	1
Anatomy	O	30	0	20	3
Physiology	O	30	10	0	3
Dietetics	O	30	30	15	3
Social and Health Legislation	O	30	0	0	2
Philosophy and Ethics in Nursing	O	30	15	0	2
Foreign Language	O	15	0	15	2
Health Care Process	O	45	30	120	O
Microbiology and Parasitology	O	30	15	30	O
Communication Skills	O	15	0	15	O
Pharmacology	O	30	15	15	O
Clinical Practice of Health Care I	O	0	0	120	O
Foreign Language	O	15	0	15	O
Biological Determinants of Behaviour	E	20	0	15	E
Group Work in Nursing	E	20	0	15	E
Tourism Medicine	E	20	0	15	E
Psychology of Pain	E	20	0	15	E
Health Care of Mother	O	25	5	60	6
Health Care of Child	O	40	10	90	7
Adult Health Care I	O	45	20	90	8
Sociology of Health	O	30	15	0	2

	Hygiene and Epidemiology	O	30	15	15	3
	Pathophysiology	O	30	0	0	2
	Foreign Language	O	15	0	15	2
	Public Health	O	30	15	15	3
	Internal Medicine	O	30	0	0	2
	Neurology	O	15	0	0	1
	Infectology	O	15	0	0	1
	Dermatology	O	15	0	0	1
	Gynaecology and Obstetrics	O	30	0	0	2
	Health Psychology	O	30	0	15	2
	Paediatrics	O	30	0	0	2
	Clinical Propedeutics	O	30	15	30	4
	Pathology	O	15	0	0	2
	Organization, management and administration in health care	O	30	15	30	4
	Foreign Language	O	15	0	15	2
	Clinical Practice of Health Care II	O	0	0	100	4
	Surgery, Traumatology and Orthopedics	O	30	0	0	2
	Otorhinolaryngology	O	15	0	0	1
	Ophthalmology	O	15	0	0	1
	Health Care of Psychiatric Patients	O	25	5	60	6
	Health Care of Elderly Patients	O	30	15	30	5
	Health Care of Disabled Persons	O	15	10	15	3
	Anaesthesiology, Reanimatology and Intensive Treatment	O	15	0	35	3
	Adult Health Care II	O	40	10	90	7
	Psychiatry and Mental Health	O	30	0	0	2
	Health education teaching and learning methods	O	30	15	0	3
	Health Care in the Community	O	25	5	60	4
	Home Health Care	O	20	5	30	3
	Palliative Health Care	O	10	5	10	2
	Introduction to Research Work at Nursing	O	30	15	30	4
	Clinical Practice of Health Care III	O	0	0	120	5
	Graduate Paper	O	0	0	120	5

	Basic Surgical Techniques and Instruments	E	30	0	20	3
	Medical Demography	E	30	20	0	3
	Melanoma	E	30	20	0	3
	First aid	E	30	0	20	3
Learning outcomes of the study programme	<p><b>Factual knowledge:</b></p> <ul style="list-style-type: none"> <li>- Learn, understand and use facts that contribute to promotion and improvement of health, undertake activities that are aimed at maintaining health and disease prevention in individuals, family and community, based on the acquired knowledge.</li> <li>- Undertake activities that contribute to improvement of growth and development in all stages of life.</li> <li>- Analyze, synthesize and evaluate facts within the field of nursing.</li> </ul> <p><b>Theoretical knowledge:</b></p> <ul style="list-style-type: none"> <li>- Learn, understand, apply, analyze, synthesize and evaluate theoretical knowledge within the area of expertise.</li> <li>- Learn, understand and apply basic theoretical knowledge needed for professional training and education of nurses at undergraduate level.</li> <li>- Analyze, synthesize and evaluate actual scientific knowledge, understand, investigate independently, and critically assess facts.</li> </ul> <p><b>Cognitive skills:</b></p> <ul style="list-style-type: none"> <li>- Unique concrete creative implementation of nursing care by respecting the individuality of patients and by applying holistic approach and partner relation.</li> <li>- Conduct the process of nursing care, assess the needs for health care, set goals and determine priorities, planning and implementing adequate procedures, evaluate and, if necessary, modify the health care plan.</li> <li>- Intervene in accordance with one's authorities in emergency cases related to life-threatening situations.</li> <li>- Keep nursing documentation and evaluate the final outcomes of health care.</li> </ul> <p><b>Psychomotor skills:</b></p> <ul style="list-style-type: none"> <li>- Use of methods, instruments, tools and materials in familiar conditions of nursing care.</li> <li>- Perform complex movements, complex use of methods, instruments and tools in executing complex and specific tasks in partially and completely unfamiliar conditions.</li> </ul> <p><b>Social skills:</b></p> <ul style="list-style-type: none"> <li>- Development of professional relation and responsibility in working process, behaving in accordance with moral, ethical and legal norms of health care.</li> <li>- Development of adequate communication with patients, family members and others.</li> <li>- Management, and complex communication and cooperation with the members of multidisciplinary team.</li> </ul>					

	<p><b>Autonomy:</b></p> <ul style="list-style-type: none"> <li>- Participate in planning and executing diagnostic and therapeutic procedures that are partly or completely administered and conducted under the doctor's supervision.</li> <li>- Include oneself and work in multidisciplinary teams, realize complex tasks, and adjust one's behaviour to determined guidelines in familiar and changing conditions.</li> <li>- Manage professional teams in the field of nursing.</li> </ul> <p><b>Responsibility:</b></p> <ul style="list-style-type: none"> <li>- Take responsibility for completing simple tasks and relations in familiar conditions.</li> <li>- Take responsibility for completing simple tasks in familiar conditions.</li> <li>- Recognize and obey bioethical standards in practical and scientific work.</li> <li>- Take responsibility for one's own needs and possibilities for further education.</li> </ul>					
List of courses offered in a foreign language in winter term (by semesters)	Communication Skills, Pathophysiology, Surgery, Traumatology and Orthopedics Otorhinolaryngology, Neurology, Internal Medicine, Clinical Propedeutics, Tourism Medicine, Basic Surgical Techniques and Instruments, Anaesthesiology, Reanimatology and Intensive Treatment, Medical Demography					
List of courses offered in a foreign language in summer term (by semesters)	none					
Description of the courses offered in a foreign language						
Name of the course	Surgery, Traumatology and Orthopedics					
Number of ECTS credits	1	Manner of implementation of the study programme	L 30	E 0	S 0	Semester V
Description of the course	Acquire theoretical knowledge in surgery. It is necessary to enrol to the third year of study, and required precondition also include the knowledge in anatomy of the human body and basics of internal medicine.					
Learning outcomes of the course	After passing the exam, the students will be able to identify, define and implement the knowledge related to modern approach to diagnostics and treatment of malignant diseases, traumatology, emergency cases in surgery, surgical interventions in children, plastic and reconstructive surgery, thoracic and breast surgery.					

Description of the courses offered in a foreign language						
Name of the course	Otorhinolaryngology					
Number of ECTS credits	1	Manner of implementation of the study programme	L 15	E 0	S 0	Semester V
Description of the course	Enable students to acquire knowledge about the most important diseases of ear, nose and throat from the aspect of recognizing clinical symptoms and treatment. Recognize emergency situations in otorhinolaryngology					

Learning out comes of the course	<ul style="list-style-type: none"> <li>- describe, define and differentiate ear diseases</li> <li>- describe and define the diseases of nose and sinuses</li> <li>- describe and define the disease of pharynx and larynx</li> <li>- describe and define the diseases of skin, lymph nodes and neck</li> <li>- describe and define the diseases of deep neck infections</li> </ul> <p>describe and define emergency conditions and apply adequate treatments in otorhinolaryngology.</p>
----------------------------------	--

Description of the courses offered in a foreign language						
Name of the course	Neurology					
Numberof ECTS credits	1	Manner of implementation of the study programme	L 15	E 0	S 0	Semester IV
Description of the course	Learn basic postulates of neurology in order to differentiate different clinical entities. Differentiate diseases of central and peripheral nervous systems. Learn clinical entities in neurology and methods for diagnostic differentiation of certain symptoms and syndromes. Learn pathohistological and pathophysiologic bases for the origin of diseases. Differential diagnostic methods in neurology. Therepeutical procedures and prophylaxis of neurological diseases					
Learning out comes of the course	Introduction to basic neurological terms and certain clinical entities. Knowledge on the disease of central and peripheral nervous systems. Knowledge on the diseases of the brain, spinal cord, peripheral nerves and muscles. Differential diagnostics of certain neurological diseases depending on clinical manifestations and the results of diagnostic procedures. Knowledge on pathophysiologic process related to the origin of diseases. Prophylaxis of the origin of the disease and treatment methods of certain diseases and conditions in neurology.					

Description of the courses offered in a foreign language						
Name of the course	Internal Medicine					
Numberof ECTS credits	2	Manner of implementation of the study programme	L 15	E 0	S 0	Semester IV
Description of the course	After completing this course the students will be able to apply the acquired knowledge in internal medicine: <ul style="list-style-type: none"> <li>- recognize general symptoms of certain diseases</li> <li>- recognize the symptoms of diseases related to certain organ systems</li> <li>- implement procedures in emergency cases related to the most frequent diseases related to internal medicine</li> </ul>					
Learning out comes of the course	After completing this course the students will be able to: <ul style="list-style-type: none"> <li>- do electrocardiography independently, and understand the test results</li> <li>- recognize the signs of acute conditions related to internal medicine</li> <li>- independently initiate interventions in acute conditions</li> <li>- independently assist during complex diagnostic and therapeutic procedures</li> </ul> <p>independently educate the patients about chronic conditions</p>					

Description of the courses offered in a foreign language	
Name of the course	Clinical Propedeutics

Number of ECTS credits	5	Manner of implementation of the study programme	L 30	E 15	S 3 0	Semester IV	
Description of the course	- Acquire competences for taking medical history independently and performing a clinical examination, acquire knowledge related to further diagnostic procedures.						
Learning outcomes of the course	<ul style="list-style-type: none"> <li>- take medical history independently</li> <li>- make clinical examination</li> <li>- assess neurological status</li> <li>- recognize general symptoms of a disease</li> <li>- recognize the symptoms of diseases related to individual organ systems</li> </ul> differentiate the most frequent internal diseases						

Description of the courses offered in a foreign language							
Name of the course	Tourism Medicine						
Number of ECTS credits	2	Manner of implementation of the study programme	L 20	E 15	S 0	Semester II	
Description of the course	- Introduction of diseases and injuries, and ways in which one can help the sick and the injured during their stay in Croatia, with specific features related to the types of tourism at the Adriatic and the coastal zone.						
Learning outcomes of the course	<ul style="list-style-type: none"> <li>- identify geographic and climate features of Zadar region</li> <li>- identify the poisonous plants and animals present in Zadar region, provide first aid and treat the poisoned persons</li> <li>- identify the most frequent infectious diseases</li> <li>- recognize addiction-related diseases</li> <li>- recognize the frequent internal diseases that occur in tourists</li> <li>- recognize the frequent dermatologic disease that occur in tourists</li> <li>- have the skill to organize the rescue at sea and identify the diseases related to sea activities</li> </ul> get familiar with the organization of Mountain Rescue Service and identify the injuries related to mountaineering						

Description of the courses offered in a foreign language							
Name of the course	Basic Surgical Techniques and Instruments						
Number of ECTS credits	2	Manner of implementation of the study programme	L 30	E 20	S 0	Semester VI	
Description of the course	- Aim of the course is to train nurses for proper use of instruments during operations and invasive treatments, and for participating in operational programme along with surgeons and assistants. Additionally, students should acquire knowledge on technical preparation of the operating room and instruments for the surgery, on organization of the work in the OR, on keeping the instruments in proper order, and on implementing basic protective measures for the staff and patients during the surgery.						
Learning outcomes of the course	<ul style="list-style-type: none"> <li>- Define and describe types and materials that are used in treating a wound</li> <li>- Describe the organization or work in the operating room</li> <li>- Maintain sterility</li> <li>- Maintain the surgical instruments</li> <li>- Apply techniques for using instruments</li> </ul>						

	Apply different methods for closing a surgical wound
--	--

Description of the courses offered in a foreign language						
Name of the course	Anaesthesiology, Reanimatology and Intensive Treatment					
Number of ECTS credits	3	Manner of implementation of the study programme	L 15	E 3 5	S 0	Semester VI
Description of the course	- Acquire basic knowledge and skills in anaesthesiology, reanimatology and intensive treatment that are necessary for understanding the work of an anaesthesiologist and anaesthetic technician, and for understanding the needs of patients in perioperative period, particularly in operating room, and in the intensive treatment unit. Acquire basic skills necessary for reanimating the patient					
Learning outcomes of the course	<p>After passing the exam, students will be able to:</p> <ul style="list-style-type: none"> <li>- keep the patients airways open</li> <li>- provide basic life support</li> <li>- use medications necessary for reanimation</li> <li>- prepare the patient for anaesthesia and operation</li> <li>- monitor vital functions of patients under anaesthesia</li> <li>- evaluate the patient's recovery after anaesthesia</li> <li>- participate in postoperative care and treatment of life-threatened patients</li> <li>- monitor vital functions of the patients</li> <li>- participate in applying invasive and non-invasive haemodynamic monitoring</li> <li>- explain basic forms of respiratory therapy</li> <li>- apply basic principles of parenteral and enteral nutrition</li> </ul>					

Description of the courses offered in a foreign language						
Name of the course	Communication Skills					
Number of ECTS credits	3	Manner of implementation of the study programme	L 15	E 0	S 15	Semester II
Description of the course	- The aim of this course is to introduce students to basic communication skills related to counselling process. The exercises are focused on developing skills for recognizing the signs of nonverbal and verbal communication, general principles of asking questions and talking to a patient, skills for expressing understanding, which are important for establishing good relation with a patient: active listening, paraphrasing and reflecting.					
Learning outcomes of the course	<p>After passing the final exam the students will be able to:</p> <ul style="list-style-type: none"> <li>- explain the connection and interconnection of verbal and nonverbal types of communication with the reactions of patients and medical staff</li> <li>- explain emotional background of certain communication patterns</li> </ul>					

Description of the courses offered in a foreign language	
Name of the course	Medical Demography



Number of ECTS credits	2	Manner of implementation of the study programme	L 30	E 0	S 2 0	Semester VI
Description of the course	- Acquire basic knowledge in the development and distribution of the population, population changes and composition.					
Learning out comes of the course						

Description of the courses offered in a foreign language						
Name of the course	Pathophysiology					
Number of ECTS credits	2	Manner of implementation of the study programme	L 30	E 0	S 0	Semester III
Description of the course	- Introduce students to basic mechanism of disorders of physiologic processes in human organism, and to the development of diseases. Acquired knowledge will enable students to understand courses in clinical medicine and to plan nursing care depending on different patient conditions..					
Learning out comes of the course	<ul style="list-style-type: none"> <li>- Understand etiology and pathogenesis of diseases and their importance in setting nursing diagnosis</li> <li>- Pathophysiology of inflammation and hypersensitivity</li> <li>- Recognition of basic metabolic disorders</li> <li>- Pathophysiology of sores and overweight</li> <li>- Pathophysiology of disorders of water, electrolytes, and acid-base balance</li> <li>- Pathophysiology of endocrinopathy</li> <li>- Pathophysiology of malignant growth</li> <li>- Kidney, lung and digestive system disorders</li> <li>Pathophysiology of cardiovascular diseases</li> </ul>					

Description of the courses offered in a foreign language						
Name of the course	Ophthalmology					
Number of ECTS credits	1	Manner of implementation of the study programme	L 15	E 0	S 0	Semester V
Description of the course	- Enable students to acquire knowledge related to the most common eye diseases that are necessary for evaluating the clinical symptoms and treating the patients.					
Learning out comes of the course	<ul style="list-style-type: none"> <li>- describe, define and differentiate the diseases of the eye and its parts</li> <li>- describe and define the diseases of conjunctiva, cornea, sclera, and uvea</li> <li>- describe and define the diseases of the lens and vitreous humour, implement diagnostics and therapy of cataract</li> <li>- describe and define the diseases of retina and optic nerve implement diagnostic procedure and therapy in treating glaucoma</li> </ul>					