

**UNDERGRADUATE  
STUDIES  
IN  
*OCCUPATIONAL THERAPY***

**PROFESSIONAL STANDARDS  
OF A BACHELOR IN  
OCCUPATIONAL THERAPY**

**SUBJECT - Occupational Therapy**

Educational level – **Bachelor**

Professional qualification – **Occupational therapist**

The main aim of the program in Occupational Therapy is to educate specialist who contribute to enabling maximum independence for people with physical, mental or emotional impairments by developing, recovering or maintaining their daily living and work skills. They also support them to compensate for permanent loss of function by adapting the home, school and work environment. The main goal of the intervention is to ensure full participation, social integration, productive and satisfying lives for disabled people. Occupational Therapy is distinguished by its holistic and client-centered approach.

The learning outcomes are described by the acquisition of the following competences:

- *Generic competences* – capacity for analysis, synthesis and applying knowledge in practice, planning and time management, literacy and knowledge of a second language, teamwork, capacity to learn, appreciation of diversity and multicultural issues.
- *Specific competences* - knowledge of occupational therapy, occupational therapy process and professional reasoning, professional relationships and partnerships, professional autonomy and accountability, research and development of occupational therapy/science, management and promotion of occupational therapy.

**The curriculum** is designed in compliance with the requirements of the European Network of Occupational Therapy in Higher Education (ENOTHE), the World Federation of Occupational Therapists (WFOT), the Bologna Declaration and the European Credit and Transfer System (ECTS). The education consists of obligatory, options and facultatives.

**The obligatory courses** are grouped in the following blocks:

- *Fundamental and humanitarian courses (15%)*: information technologies, disastrous situations management, basics of research and statistics; medical psychology and pedagogic, special psychology and pedagogic, developmental psychology, social psychology, communication disorders, sociology, social rehabilitation and health promotion.
- *Biomedical courses (15%)* – anatomy, physiology, biomechanics, kinesiology and functional diagnostics, pathology, pediatrics, orthopedics, orthotics and splinting, neurology, neuropsychology, mental health.
- *Occupational therapy courses (34%)*: introduction to OT, theoretical foundations, analytical and therapeutic media, OT for social inclusion, OT for children, physical dysfunction, learning disabilities, mental health, elderly, OT equipment for adapting the environment, project development and management, ergonomics and design, management of OT practice, bachelor thesis.

**Practical training**

- Semestrial Fieldwork – 450 hours (from the 3<sup>rd</sup> until the 7<sup>th</sup> semester).
- Summer placement – 240 hours (4 weeks after the 4<sup>th</sup> and 6<sup>th</sup> semester).
- Pregraduation internship – 330 hours (11 weeks during the 8<sup>th</sup> semester).

**Graduation:** Graduation paper and defense.

**Career prospects:**

- Occupational therapists work with all age groups and in a wide range of physical and psychosocial areas and participate in planning of the architectural environment.
- Places of employment may include hospitals, clinics, day and rehabilitation centres, home care programmes, special schools, industry and private enterprises. Many occupational therapists work in private practice and as educators and consultants.

## CURRICULUM

### OCCUPATIONAL THERAPY

#### First year

<b>Code</b>	<b>First semester</b>	<b>ECTS</b>	<b>Code</b>	<b>Second semester</b>	<b>ECTS</b>
0537	Anatomy I	5	0607	Anatomy II	5
0539	Medical psychology and medical pedagogic	2	0608	Physiology	4
0540	Sociology	3	0688	Biomechanics, kinesiology and functional diagnostics	4
0588	Introduction to Occupational Therapy	5	0720	Special psychology and special pedagogic	2
0594	Analytical and therapeutic media in OT I	6	0732	Theoretical foundations of the occupational therapy process	5
0596	Information technologies in occupational therapy	4	0733	Analytical and therapeutic media in OT II	5
	Optional foreign language I (English, French, German, Russian)	5		Optional foreign language II (English, French, German, Russian)	5
	<b>Total for the semester:</b>	<b>30</b>		<b>Total for the semester:</b>	<b>30</b>
0437	Sports	1	0437	Sports	1
	<b>Facultative course</b>			<b>Facultative course</b>	
	Foreign Language	2		Foreign Language	2

#### Second year

<b>Code</b>	<b>Third semester</b>	<b>ECTS</b>	<b>Code</b>	<b>Fourth semester</b>	<b>ECTS</b>
0816	Pathology	3	0817	Neurology	4
0779	Social psychology	2	0818	Neuropsychology	3
0810	Analytical and therapeutic media in OT III	6	0819	OT for physical dysfunction I	6
0811	OT for social inclusion	6	0821	OT equipment for adapting the environment I	4
0812	Project development and management in OT	2	0822	Basics of research methods and medical statistics	2
0814	Project work in OT I	4	0823	Fieldwork II	7
0815	Fieldwork I	7	0825	Summer placement I	4
	<b>Total for the semester:</b>	<b>30</b>		<b>Total for the semester:</b>	<b>30</b>
0437	Sports	1	0437	Sports	1
	<b>Facultative course</b>			<b>Facultative course</b>	
	Foreign Language	2		Foreign Language	2

## Third year

<b>Code</b>	<b>Fifth semester</b>	<b>ECTS</b>	<b>Code</b>	<b>Sixth semester</b>	<b>ECTS</b>
0826	Pediatrics	4	0838	Orthopedics, orthotics and prosthetics	2
0828	Developmental psychology	3	0841	Mental health	2
0833	Occupational Therapy for children	7	0849	OT for physical dysfunction II	4
0835	Social rehabilitation and health promotion	3	0864	OT in mental health	5
0978	OT equipment for adapting the environment II	6	0990	Disastrous situations management	1
0836	Fieldwork III	7	1005	Project work in OT II	4
		1	0992	Fieldwork IV	7
			0993	Optional I	1
			0994	Summer placement II	4
	<b>Total for the semester:</b>	<b>30</b>		<b>Total for the semester:</b>	<b>30</b>
0437	Sports	1	0437	Sports	1
	<b>Facultative course</b>			<b>Facultative course</b>	
	(list enclosed)	1		(list enclosed)	1

## Fourth year

<b>Code</b>	<b>Seventh semester</b>	<b>ECTS</b>	<b>Code</b>	<b>Eighth semester</b>	<b>ECTS</b>
0996	Occupational therapy in geriatrics	5	1023	Pre-graduation clinical placement	16
1000	OT for people with learning disabilities	5		Self study for graduation	4
0834	Ergonomics and design in occupational therapy practice	4	1033	Bachelor Thesis	10
1004	Management of occupational therapy practice	3	0437	Sports	1
1006	Fieldwork V (elderly)	7			
1013	Optional II	3			
1021	Optional III	3			
	<b>Total for the semester:</b>	<b>30</b>		<b>Total for the semester:</b>	<b>30</b>
0437	Sports	1	0437	Sports	1
	<b>Facultative course</b>				
	(list enclosed)	1			
<b>Total for the training course: 240 ECTS credits</b>					

**0537 Human Anatomy 1****ECTS credits:** 5**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Emiliyan Alexiev Ivanov, PhD, Dept. of Public Health and Social Work, tel.: +359 82 821993

Nikolay Evgeniev Nikolaev, MD, Dept. of Public Health and Social Work, tel.: +359 82 821993

**Abstract:**

Teaching anatomy to students in the health care programmes aims to acquaint them with basic knowledge about the structure of human body. The teaching has functional aspect and clinical tendency. The programme covers all parts of modern anatomy in order to provide profound knowledge about anatomical structures. According to the qualitative characteristics of the specialty, anatomy teaching part I comprise knowledge about structure and biomechanics of the human skeletal system.

**Course content:**

Osteology - shape, growth and development of bones. Bones of skull, spine, pelvis, upper and lower limb. Bone connections - joints. Myology: type of muscles and biomechanics of head, cervix, back, abdomen, upper and lower limbs.

**Teaching and assessment:**

The lectures enable students to learn theoretical knowledge, assisted by visual presentation with multimedia, posters, preparations and anatomical models. Students have to be prepared for practical sessions in order to pass the preliminary test. The practical sessions are conducted on anatomical models, computer programmes and posters. During semester 3 tests are conducted assessed by point system. Maximal points that student can get from lectures, sessions and tests are 150. Minimal points necessary are 120. The final grade is based on examination with written part not less than 50%.

**0539 Medical Psychology and Medical Pedagogic****ECTS credits:** 2**Assessment:** continuous assessment**Department involved:**

Department of Pedagogic, Psychology and History

Faculty of Public Health and Health Care

**Lecturers:**Assoc. Prof. Violeta Yordanova Vaneva, MA, PhD, Dept. of Pedagogic, Psychology and History, tel.: +359 82 841 609, ext. 208, e-mail: [vaneva@uni-ruse.bg](mailto:vaneva@uni-ruse.bg)Assist. Prof. Ana Yordanova Ancheva, Dept. of Public Health and Social Work, tel. +359 82 821993, e-mail: [aancheva@uni-ruse.bg](mailto:aancheva@uni-ruse.bg)**Abstract:**

The course aims to acquaint students with the contemporary state of medical psychology, its methodological basis and basic directions: neuropsychology, pathopsychology, psychological basis of the psychotherapy, psychological problems of psychosomatic relations, psychoprofilactics, psychohygiene. Special attention is devoted to anomalies in different processes, principles and methods of medical and psychological research and the practical work of the medical psychologist. The questions included from medical pedagogic aim to provide knowledge about the problems of the health needs and health insurance, with the modern achievements in teaching and education of medical personnel.

**Course content:**

Introduction to medical psychology and pedagogic. Methods of enquiry. Body, spirit and spirituality. Psychic. Psychic relation between body and illness. Somatogenics, psychogenics, yatrogenics. Psychiatry, pathopsychology, illness and mental disorder. Personality and illness. Medical ethics and medical deontology. Psychology of patient – medical personnel relationship. Scientific research, psychometrics, evaluation, diagnostics and psychodiagnostics. Psychological evaluation and assessment. Didactic tests. Specific developmental disorders. Cognitive dysfunction in children. Teaching goals – classification, taxonomy. Problems in the teaching process. Case studies in education. Assessment and grading of knowledge, skills and attitudes.

**Teaching and assessment:**

Lectures are carried out mostly frontally using various interactive methods. Various questionnaires for assessing the cognitive processes are provided during seminars stressing on possible deviations and their pathologic characteristic. Continuous assessment is based on self study for the seminars and participation in discussions. 50% attendance at lectures and 100% attendance at seminars in required. Final grade in based on the mean of three tests.

**0540 Sociology****ECTS credits:** 3**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Velichko Kirchev Panteleev, MSc, PhD, Dept. of Public Law Science, tel.: +359 82 888 434

**Abstract:**

The goal of the discipline is to get students familiar with the basic problems of sociology. As a science focusing on the human being and the world, sociology provides knowledge about the development and functioning of social systems and the society as a whole. Relationships person – society, person – community and person – person in a work environment are examined. These relationships transform according to the roles in the different stratifications: leader – subordinates, manager – shareholders, electorate – elite. Applying sociologic analysis based on the gathered information the course reveals the role of subjective factors in society and the creative abilities of the person. Developing social technologies for societal activities the discipline supports the development of social processes.

**Course content:**

Object of study of sociology. Emerging and development of sociology until the beginning of the 20<sup>th</sup> century. Basic trends of contemporary sociology. Sociologic theory of society. Main and regional sociologic structure of society. Social systems and the person. Management as a human activity. Sociologic analysis of work. Social structure of work teams. Social time as a substance and assessment tool of social processes. Empirical and theoretic level of social knowledge. Methods and management of social research.

**Teaching and assessment:**

The discipline is taught through lectures and self study of a definite problem. Students get 1 point for attending each lecture (maximum 15 for the whole semester). By the end of the semester they are requested to present their course assignment. The assessment of the knowledge and skills acquired by the students is based on a written exam on two questions of the studied issues and additional specific questions. Final grade is based on the examination and the course assignment.

**0588 Introduction to Occupational Therapy****ECTS credits:** 5**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**Sen. Assist. Prof. Liliya Asenova Todorova, PhD, Dept. of Public Health and Social Work,  
tel.: 082 821 993, E-mail: [litod@uni-ruse.bg](mailto:litod@uni-ruse.bg)**Abstract:**

The course gives an overview of the profession and the philosophy of education. Students learn the main features of occupation, the importance of occupation for person's health and well-being and the environmental factors influencing occupational performance. Special attention is paid to understanding disability from the perspective of the individual, his family and society as a whole. ICF is studied as an unified and standardised system for description of the health status and its components. The course provides basic knowledge for detailed study of the theoretical models of occupational therapy and its specialized application with children, adults with physical, mental and psychosocial impairments and elderly.

**Course content:**

Introduction to OT as a profession and an academic course. Defining occupation and areas of occupation. Time use in occupation. Occupational balance and imbalance. Environmental influences. Clients in OT. Client-centred practice. International Classification of Functioning, Disability and Health (ICF). Disability from an individual and a family perspective.

**Teaching and assessment:**

The course introduces new teaching and learning methods (e.g. interactive lectures, group work, self study, working with literature, presentations) with the aim of active and creative involvement of the students and promotion of student-centered and life long learning. Continuous assessment is carried out on basis of individual assignments and participation in group work. Students are expected to attend classes regularly, to participate actively and creatively in class work and to submit individual assignments on time. The final grade is based on the number of points gained from a written test and the course assignment.

**0594 Analytical and Therapeutic Media in Occupational Therapy 1****ECTS credits:** 6**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**Ana Yordanova Ancheva, MSc, Dept. of Kinesitherapy, tel.: +359 82 821993, E-mail: [aancheva@uni-ruse.bg](mailto:aancheva@uni-ruse.bg)**Abstract:**

The course provides opportunities for experiencing various activities and their emotional impact. The main focus is on the importance of creativity in the OT practice and the application of different media to influence the emotions of the client. Students learn to identify the personal and environmental components of the occupational performance. The course brings about developing the core occupational therapy skills – for activity analysis, as well as some generic and transferable skills. Part I is focused on the action/doing and understanding of the activities. The course lays the foundation for further training of professional skills in specialized occupational therapy intervention.

**Course content:**

Creativity in OT practice. Reflection and reflection log. Activities and occupations and their influence on the individual. Creative activities in occupational therapy. Interviewing and observation in OT practice. Activities and occupations and their influence on health and well-being. Introduction to activity analysis. Play as a therapeutic media in occupational therapy.

**Teaching and assessment:**

The course stimulates the active participation of the students. The main teaching methods are group and individual work, discussions, presentations, written papers, working with literature. During practicals students are engaged in concrete activities, chosen according to the preferences and abilities of the group. Seminars are carried out in the form of discussions where the students reflect on their feelings and experience while performing the activity. During the semester they fill in a reflective diary with their thoughts and feelings. Final grading is based on the summary of points which students gain from individual participation in classroom activities, the course assignment and the reflective diary.

**0596 Information Technologies in Occupational Therapy****ECTS credits:** 4**Assessment:** continuous assessment**Department involved:**

Informatics and Information Technologies Department

Faculty of Natural Science and Education

**Lecturers:**

Assoc. Prof. Desislava Stoyanova Atanasova, MEng, PhD, Dept. of Informatics and Information

Technologies tel.: 888 754, 888 326, E-mail: [datanasova@ami.uni-ruse.bg](mailto:datanasova@ami.uni-ruse.bg)**Abstract:**

The learning objective is students to get due knowledge about the computer and its components as a technical device and about the most widely applied software - operation systems, text processing systems, worksheet data processing, databases, information systems, computer networks, computer presentation systems. Workshops objective is students to become skillful in using the most widely applied software systems – Windows, Word, Excel, PowerPoint.

**Course content:**

History and classification of computers. Hardware. Operation systems. Text processing systems. Worksheet data processing. Databases – relational databases, database management systems, known databases. Data communications and computer networks. Computer presentations.

**Learning and assessment:**

Two-hour lectures are conducted once per a fortnight. Workshop sessions are held by tutors in special computer laboratories. The tutor spares the first 10 minutes for checking students' preparation by doing a written test, a brief written exam or an oral testing. Students' knowledge and skills for using the relevant software product are assessed after each course topic. Students are given individual tasks to prove their ability for independent work with the applied software. The individual task is also assessed. After the semester the students' progress is evaluated with a test covering the course material. The final grade is calculated as 40% from the test mark and 60% from the average of the paper mark and students participation in the workshop sessions.

## Foreign Language I

0496 English I; 0497 German I; 0513 French I; 0530 Russian I

**ECTS credits:** 4**Weekly workload:** 0L+0S+0Lab+4P**Assessment:** continuous assessment**Type of exam:** written**Department involved:** Department of Foreign Languages, Faculty of Law**Lecturers:**English: Sr. Lecturer Liliana Ivanova Slavianova, DFL; tel: 888 816; E-mail: [lsavianova@uni-ruse.bg](mailto:lsavianova@uni-ruse.bg)German: Sr Lecturer Sergei Vasilev Bartenev, DFL; tel 888824 E-mail: [sbartenev@uni-ruse.bg](mailto:sbartenev@uni-ruse.bg)French: Sr Lecturer Roumyana Ivanova Milanova, DFL; , tel 888 824, E-mail: [rmivanova@uni-ruse.bg](mailto:rmivanova@uni-ruse.bg)Russian: Sr Lecturer Iliyana Gancheva Benina, DFL, tel 888 815, E-mail: [ibenina@uni-ruse.bg](mailto:ibenina@uni-ruse.bg)

**Abstract:** The overall aim of the two foreign language modules is to give students new knowledge of the foreign language and basic grammatical categories. It also aims at further developing communicative competence in the field of both general and specific foreign language. Students are acquainted with the everyday language of communication between the occupational therapist and the patient and the procedure of prescribing adequate treatment. Reading skills needed to handle medical texts are also developed.

**Course context:** Professions. My home and town. On the telephone. Traveling. Leisure time. Healthy life and food. At the doctor's. First medical aid. The job of the Occupational therapist. History of medicine. The health system in the UK and Bulgaria. Applying for a job and writing a CV; job interviews; Medical forms.

**Teaching and assessment:** To acquire the necessary language knowledge and develop skills in using the language as a means of communication a wide range of books, authentic texts and audio – recordings are used. The teaching process involves various oral and written exercises and activities. Students are acquainted with effective strategies of learning in accordance with the principles of modern foreign language teaching. Continuous control is based on two written tests and students' oral participation during classes. The language knowledge and skills acquired are of great significance to the final mark which is the result of both written tests, continuous assessment, oral participation.

## 0607 Human Anatomy 2

**ECTS credits:** 5**Weekly classes:** 2lec+0sem+0labs+2ps**Assessment:** exam**Type of exam:** written, oral**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Emiliyan Alexiev Ivanov, PhD, Dept. of Public Health and Social Work, tel.: +359 82 821993

Nikolay Evgeniev Nikolaev, MD, Dept. of Public Health and Social Work, tel.: +359 82 821993

**Abstract:**

The course aims to acquaint students with basic knowledge about the structure of human body. It covers parts of anatomy out of the skeletal system. The teaching has functional aspect and clinical tendency.

**Course content:**

According to the characteristics of the specialty, anatomy provides knowledge about structure of nervous system, circulatory system and all internal organs in the human body. The last part includes topographical anatomy, which presents human body as anatomic regions and layers and clarifies spatial relationships between anatomic parts.

**Teaching and assessment:**

The lectures enable students to learn theoretical knowledge, assisted by visual presentation with multimedia, posters, preparations and anatomical models. Students have to be prepared for practical sessions in order to pass the preliminary test. The practical sessions are conducted on anatomical models, computer programmes and posters. During semester 3 tests are conducted assessed by point system. Maximal points that student can get from lectures, sessions and tests are 150. Minimal points necessary are 120. The final grade is based on examination with written part not less than 50%.

**0608 Physiology****ECTS credits:** 4**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Radko Zlatkov Radev, MD, PhD, Dept. of Health Care, +359 82 821993

Sen. Assist. Prof. Kristina Zaharieva, MSc, Dept. of Health Care, +359 82 841609/244, e-mail:

[kzaharieva@uni-ruse.bg](mailto:kzaharieva@uni-ruse.bg)**Abstract:**

Physiology provides fundamental knowledge of the core processes in the human body and their normal limits, as well as the changes resulting from physical activity and diseases. Students need prerequisite knowledge of the anatomical structure of organs. On completion of the module student will be able to describe functions of organs and their components/systems, to identify ranges of normative values and pathological deviations, to describe and use basic assessment procedures.

**Course content:**

Objectives and methods of physiology. Transport across the cell membrane. Membrane potentials. Body liquids. Homeostasis. Blood and lymph. Functions of the cardio-vascular system. Digestive functions. Breathing. Metabolism and energy transfer. Body temperature regulation. Water-electrolyte and acid-basis equilibrium. Endocrine functions. Reproductive functions. Functioning of the nervous system.

**Teaching and assessment:**

The theoretical presentation is clarified using audiovisual equipment. During practicals students study physiological processes experimentally making conclusions and summaries. Progressive learning during the semester is controlled by current discussions and testing. Students are required to attend lectures and practicals. They need to accumulate at least 35 out of maximum 40 points. Final examination is written (120 min duration). Final grade is formed 80% by final examination 20% by practicals. If the grade of the final examination is poor, the final grade is poor.

**0688 Biomechanics, Kinesiology and Functional Diagnostics****ECTS credits:** 4**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Prof. Nikolay Emilov Popov, DSc, Dept. of Public Health and Social Work,

tel.: +359 82 821 993, E-mail: [nikipopov1@abv.bg](mailto:nikipopov1@abv.bg)

Sen. Assist. Prof. Ivelina Stefanova Stoyanova-Raeva, MSc, Dept. of Public Health and Social Work,

tel.: +359 82 821 993, E-mail: [istefanova@uni-ruse.bg](mailto:istefanova@uni-ruse.bg)**Abstract:**

Biomechanics and kinesiology is a basic discipline in the training of physiotherapists and occupational therapists. The goal of the education is that students get familiar with movements of the human locomotors system from a mechanical point of view and that they are able to explain its characteristics resulting from the specific structure and function of the musculoskeletal system. Students need to have knowledge in Anatomy (part I) and secondary school mechanics. It serves as a prerequisite for studying, functional diagnostics in occupational therapy in different conditions – orthopedics and traumatology, neurology.

**Course content:**

Biomechanics and kinesiology – definition, basic concepts. Mechanical loading of the musculoskeletal system. Human movements' kinetics. Gravity center. Balance. Anatomic levers. Kinetic chains. Human movements' kinematics. Movement types. Biomechanics of joints. Biomechanics of the skeletal muscles. Kinematics and kinetics of the shoulder, elbow, wrist and hand, spine and thorax, hip and pelvis, knee, ankle and foot. Range of joint motion. Postural control.

**Teaching and assessment:**

Lectures introduce students to the theoretical basis of the topics. Each practical session begins with an input control for up to 15 minutes. Students are required to attend 50% of lectures and 90% of practicals. The final grade is based on a written exam on two theoretical questions from the questionnaire. The exam lasts 90 minutes. Students can see their work after evaluation.

**0720 Special Psychology and Special Pedagogic****ECTS credits:** 3**Assessment:** continuous assessment**Department Involved:** Department of Pedagogy, Psychology and History; Faculty of Science and Education;**Lectures:**Assoc. Prof. Violeta Jordanova Vaneva, PhD, Department of Pedagogic, Psychology and History; Faculty of Science and Education; tel: 841609/208; e-mail: [vilivaneva@abv.bg](mailto:vilivaneva@abv.bg)**Abstract:**

The goal of teaching the subject is broadening the scientific horizon of the future specialists in social pedagogy alongside improvement of the quality of their theoretical training. The themes included contribute to the formation of knowledge about: different kinds of psycho-physical anomalies; the characteristics of the cognitive activity; emotional-volitional sphere and personality in children with common developmental disorders and the problems of their education and development; principles which underlie organization of institutions for disabled persons.

**Course content:**

Evolution of the state policy and society's attitude towards persons with developmental abnormalities. Basic categories of Special Pedagogy and Psychology. Psychology of preschool children with developmental abnormalities. Characteristics of psychological development of children with intellectual disorders, with inhibition of development, with sensory disorders (visual and auditory). Logopics. Somatopedics. Ethopedics. Psychology of children with complex disorders etc.

**Teaching and Assessment:**

Lectures are carried out mostly frontally, with illustrations and descriptions of the different psychophysical disorders and behaviour deviations, using various interactive methods and skills. The continuous assessment is based on the results of three tests and the course assignment.

**0732 Theoretical Foundations of Occupational Therapy Process****ECTS credits:** 5**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Sen. Assist. Prof. Liliya Asenova Todorova, PhD, Dept. of Public Health and Social Work,

tel.: +359 82 821 993, E-mail: [litod@uni-ruse.bg](mailto:litod@uni-ruse.bg)**Abstract:**

The aim of the course is to provide knowledge about the main theoretical concept and OT models developed in Canada, USA and Japan and their application considering individual and cultural differences. Students learn the stages of the Occupational Performance Process Model (OPPM) with focus on OT assessment and intervention. Acquired knowledge forms the ground for developing professional skills for OT intervention with children, adults with physical, psychosocial and mental disabilities and elderly.

**Course content:**

Basic theoretical concepts in Occupational Therapy – general review of the frames of reference and models. Person – Environment – Occupation Model. Canadian Model of Occupational Performance. Canadian Occupational Performance Measure (COPM). Model of Human Occupation (MOHO), assessment tools. Kawa model. Occupation Adaptation Model. Occupational Performance Process Model (OPPM) – general features and stages.

**Teaching and assessment:**

Teaching and learning methods include group and individual work, discussions, presentations, written papers, working with information resources. The course stimulates and requires active participation of the students. Individual participation and contribution to group work are evaluated. Regular attendance at contact hours, active and creative participation and respecting the deadlines for individual assignments is required. Final grade is based on total number of points gained from a written test and course assignment, each of them assessed with 100 points.

**0733 Analytical and Therapeutic Media in Occupational Therapy 2****ECTS credits:** 5**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Sen. Assist. Prof. Liliya Asenova Todorova, PhD, Dept. of Public Health and Social Work,

tel.: +359 82 821 993, E-mail: [litod@uni-ruse.bg](mailto:litod@uni-ruse.bg)

Assist. Prof. Ana Yordanova Ancheva, MSc, Dept. of Public Health and Social Work, tel.: +359 82 821 993,

E-Mail: [aancheva@uni-ruse.bg](mailto:aancheva@uni-ruse.bg)**Abstract:**

The course introduces students to the basic assessment methods, therapeutic approaches and strategies needed to conduct an effective therapeutic process with different client groups. In the second part special attention is paid to activity and occupational analysis underpinning occupational therapy intervention. The course aims to develop skills for proper selection, analysis, grading and adapting activities and occupations to meet the aims of the occupational therapy process. Moreover, students are introduced to the use of different assistive devices and acquire practical skills for their elaboration using available materials. The course is fundamental to all disciplines related to the study of specific approaches for working with children and adults with physical, psychosocial and mental disorders and the elderly.

**Course content:**

Methods of OT enquiry – interviewing, observation. Activity and occupational analysis. Theoretical framework. Areas of occupation. Performance skills – motor, process, communication and interaction. Grading and adapting of activities. Supported communication systems.

**Teaching and assessment:**

The course stimulates active participation of the students. The main teaching methods are group and individual work, discussions, presentations, written papers. Continuous assessment is based on filled forms and workbook. Final grading is based on the summary of points which students gain from semestrial assignments, course assignment and final test.

**Weekly classes:** 1lec+0sem+0labs+2ps+ca**Type of exam:** written**Foreign Language II****0597 English II; 0599 German II; 0601 French II; 0606 Russian II****ECTS credits:** 4**Assessment:** continuous assessment**Department involved:** Department of Foreign Languages, Faculty of Law**Lecturers:**English: Sr. Lecturer Liliana Ivanova Slavianova, DFL; tel: 888 816; E-mail: [lsavianova@uni-ruse.bg](mailto:lsavianova@uni-ruse.bg)German: Sr Lecturer Sergei Vasilev Bartenev, DFL; tel 888824 E-mail: [sbartenev@uni-ruse.bg](mailto:sbartenev@uni-ruse.bg)French: Sr Lecturer Roumyana Ivanova Milanova, DFL; , tel 888 824, E-mail: [rmivanova@uni-ruse.bg](mailto:rmivanova@uni-ruse.bg)Russian: Sr Lecturer Iliyana Gancheva Benina, DFL, tel 888 815, E-mail: [ibenina@uni-ruse.bg](mailto:ibenina@uni-ruse.bg)

**Abstract:** The overall aim of the two foreign language modules is to give students new knowledge of the foreign language and basic grammatical categories. It also aims at further developing communicative competence in the field of both general and specific foreign language. Students are acquainted with the everyday language of communication between the occupational therapist and patient and the procedure of prescribing adequate treatment. Reading skills needed to handle medical texts are also developed.

**Course context:** At the doctor's; Diseases and treatment; Daily Routine of Occupational Therapists; Payments; National Health Care (NHC); NHC abroad and at home; CV writing and applying for a job; Job Interview; Job Ads; Patient Care; Allergies; Dehidratation.

**Teaching and assessment:** To acquire the necessary language knowledge and develop skills in using the language as a means of communication a wide range of books, authentic texts and audio – recordings are used. The teaching process involves various oral and written exercises and activities. Students are acquainted with effective strategies of learning in accordance with the principles of modern foreign language teaching. Continuous control is based on two written tests and students' oral participation during classes. The students are assigned a course assignment. The language knowledge and skills acquired are of great significance to the final mark which is the result of both written tests, continuous assessment, oral participation and the course assignment.

**0816 Pathology****ECTS credits:** 3**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Healthcare

**Lecturers:**

Assoc. Prof. Radko Zlatkov Radev, MD, PhD, Dept. of Public Health and Social Work, tel.: 082 821 993,

email: [pathophysiology@mu-varna.bg](mailto:pathophysiology@mu-varna.bg)**Abstract:**

The aim of this course is to develop fundamental and applied knowledge in the structural basis of different diseases for building general medical background of the students. Pathophysiology studies the aetiology, mechanisms of the main pathological processes and diseases, as well as general guidelines on prevention and treatment, necessary for understanding the observed facts in the clinic and for the proper solution of the problems to each patient. Pathologic anatomy gives itself morphological substrate of diseases. Prerequisite for studying the course is knowledge of anatomy and physiology. It is the basis for all clinical disciplines and relevant Occupational Therapy treatment and recovery.

**Course content:**

Introduction to pathology and pathophysiology. Basic aetiology and pathogenesis of microcirculation disorders. Pathophysiology and pathologic anatomy of inflammation. Pathophysiology of fever. Harming effect of external factors. Pathophysiology of hypoxia. Pathophysiology and pathologic anatomy of tumors. Reactivity and resistance. Pathophysiology and pathologic anatomy of immune processes and diseases. Pathophysiology of metabolism. Special pathology – pathophysiology and pathologic anatomy of the nervous, endocrine, cardiovascular, respiratory, blood, urine and digestive systems. General aetiology and pathogenesis of liver diseases.

**Teaching and assessment:**

Students gain theoretical knowledge through lectures supported with multimedia presentations, schemes and drawings by the lecturer. Discussions for control of the level of acquired knowledge in the process of teaching are used. 100% attendance at lectures is required. Final assessment is based on a presentation of course assignment, preset individually to each student, as well as theoretical examination.

**0779 Social Psychology****ECTS credits:** 2**Assessment:** exam**Department involved:**

Department of Pedagogic, Psychology and History

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Sinto Mois Yulzari, MA, PhD, Dept. of Pedagogy, Psychology and History,

tel.: +359 82 841 609, ext. 208, E-mail: [sinto@abv.bg](mailto:sinto@abv.bg)**Abstract:**

The purpose of education is learning a range of personal abilities and skills necessary to establish social contacts and communication with contractors, partners and associates. Selection of topics is consistent with the European requirements for generic and subject specific competence in occupational therapy. Emphasis is placed on the formation of students' social competencies.

**Course content:**

Social psychology as a science. Development of social psychology. Social group. Group norms and group motivation. Group and individual development. The problem of interpersonal relations in the social group. The problem of communication as a basic social psychology. Leadership in the social group. Social and psychological issues of the large social group. Mass psychic phenomena. Mass behaviour in disastrous situations. Rumors and social movements as a form of mass behavior. Methods, means and procedures of a social and psychological study.

**Teaching and assessment:**

Teaching is carried out through lectures, delivered predominantly in an oral form. Additionally, schemes and patterns of social and psychological studies are presented. Multimedia products are used for demonstration of empirical results of such research. The presentation and defense of own results from tests and questionnaires, is a form of permanent assessment during the semester. The final assessment is based on an examination based on written individual assignment on a freely chosen by the student topic.

**0810 Analytical and Therapeutic Media in Occupational Therapy 3****ECTS credits:** 5**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Sen. Assist. Prof. Liliya Asenova Todorova, PhD, Dept. of Public Health and Social Work, tel.: +359 821 993, e-mail: litod@uni-ruse.bg

Assist. Prof. Ana Yordanova Ancheva, Dept. of Public Health and Social Work, tel.: +359 821 993, e-mail: aancheva@uni-ruse.bg

**Abstract:**

The aim of the third part of course is that students acquire skills for implementing the occupational therapy process and applying the therapeutic potential of occupations and activities. The course introduces some group methods for stimulating communication, social and promotion skills. On successful completion of the course students will be able to develop and implement the occupational therapy process, to evaluate the achieved outcomes, to communicate effectively with clients, colleagues, other professionals and non-professionals. The course is fundamental to all disciplines related to the study of specific approaches for working with children and adults with physical, psychosocial and mental disorders and the elderly.

**Course content:**

Assessment methods and tools. in occupational therapy. Goal setting. Intervention approaches and strategies. Reflection. Clinical reasoning. Evidence-based practice. Universal design. Creative media. Communication, social and promotion skills.

**Teaching and assessment:**

The main teaching methods are group and individual work, discussions, presentations, case studies. Seminars include individual assignments on the occupational therapy process and group discussions of the results. Practicals include role play developing social and professional skills through psychodrama, sociodrama and sociometry. Continuous assessment is carried out through individual assignments and participation in group work. Final grade is based on course assignment and a written test on a case study.

**0811 Occupational Therapy for Social Inclusion****ECTS credits:** 5**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Sen. Assist Prof. Liliya Asenova Todorova, PhD, Dept. of Public Health and Social Work, tel.: +359 821 993, e-mail: litod@uni-ruse.bg

**Abstract:**

The course introduces a person-centered and occupation-based approach for occupational therapy intervention with people with psychosocial disabilities, including exploration, analysis and interpretation of factors creating disabilities at macro, meso and micro level. Health is viewed as a dynamic interaction between people's doing-being-becoming with an environment that affords all people with access to occupations that enable them to develop their potential to participate in their communities as valued members of the society (occupational justice). This approach aims to increase the critical and political awareness and reasoning skills of the students. The focus is moved from the individual to groups and communities and their occupational nature. The main aim is to prepare students to implement effectively occupational therapy initiatives for social inclusion of marginalized populations.

**Course content:**

Groups and communities. European and national policies for people with disabilities. Methods of enquiry in the community – PAR. Models of disability. Occupational justice, occupational deprivation, occupational apartheid. Inclusive education. Inclusive employment for people with disabilities. Strategies for OT intervention with communities. Community based rehabilitation. Good practices with disadvantaged social groups.

**Teaching and assessment:**

Dynamic and interactive teaching and learning methods, such as presentations, discussions, group and individual assignments, Internet search, reflection, practice with clients and self study, are applied. Students are actively involved in the education process. Continuous assessment is carried out through individual assignments and participation in group work. Students are expected to attend regularly contact hours, to be active and creative, and to meet deadlines. Final grade is based on a written test and the course assignment.

**0812 Project Development and Management in Occupational Therapy****ECTS credits:** 2**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**Assoc. Prof. Daniel Mihaylov Bratanov, PhD, Dept. of Public Health and Social Work,  
tel.:+359 82 821 993, e-mail: dany@manuf.uni-ruse.bg,

Assoc. Prof. Boryana Ilieva Todorova, PhD, Dept. of Public Health and Social Work

tel.:+359 82 821 993, e-mail: btodorova@uni-ruse.bg

**Abstract:**

The course has practical application. It examines the characteristics, the place and the importance of project activities in occupational therapy. The aim of this education is that students are acquainted with some basic elements and terminology of the projects, principles of development, methodology for project activities, rules for preparation of application documents and reports, project management techniques and other. Particular attention is given to the most common mistakes in project development and the difficulties that typically arise during implementation.

**Course content:**

Project work in occupational therapy – characteristics, tasks and importance. Project cycle and its phases. Resources for successful project design. Elements of the project. Development of a project: state of the art, idea, impact analysis, justification for the project; formulation of project elements (logical matrix), budget (budget matrix), manpower matrix, establishing a project consortium. Project management: project team, team rules, schedule, project management techniques, and control – evaluating and monitoring of the project, project results, quality indicators, preparing a report, including financial. Difficulties in implementing the project. Criteria for evaluating of the completed project.

**Teaching and assessment:**

Teaching is carried out through lectures. Continuous assessment includes three tests. Points are allocated for the tests and attendance, the maximum number being 75. At least 40 points are requested. Students sit a written exam, for which they get maximum 150 points. The final assessment is based on total points collected from students.

**0814 Project Work in Occupational Therapy I****ECTS credits:** 4**Assessment:** continuous assessment**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Boryana Ilieva Todorova, PhD, Dept. of Public Health and Social Work

tel.:+359 82 821 993, e-mail: btodorova@uni-ruse.bg

**Abstract:**

This course is built directly upon the course in development and management of projects in occupational therapy. The purpose of training is that students apply the acquired knowledge and develop skills to work on projects. During the training they participate in the development, management, implementation and reporting of project activities in constant contact and support from the teacher.

**Course content:**

The project as an engagement of many people. Effective communication, effective meetings. Assessing the organization. Assessing the resources. Exploring the community - assessment of the situation and the needs. Idea for the project. Construction of vision. Identifying the target group. Setting the goals. Selection of beneficiaries. Formulation of tasks and activities. Identifying methods of work. Making a team. Developing a schedule. Timetable. Reporting of the resources. Providing support for the project. Procedures for internal evaluation and accountability. Expected outcomes. Sustainability of the project. Fulfilling the project documentation. Developing a system for evaluation and monitoring of the project. Results of the project. Making a report (including financial statements). Difficulties in implementing the project. Final evaluation of the project. Students present their work on the project in four phases during the semester. The total volume is about 30 pages.

**Teaching and assessment:**

Teaching is carried out through practicals, during which students present and discuss their work on the stages in the development and implementation of the occupational therapy project. Points are allocated for presentation of stages and for attendance at contact hours. The maximum number is 90. At least 40 points, successful development of the project and regular attendance are required. The final assessment is based on the total number of points collected by the student.

**0815 Fieldwork 1**

**ECTS credits:** 6**Assessment:** exam**Department involved:**Department of Public Health and Social Work  
Faculty of Public Health and Health Care**Lecturers:**Sen. Assist. Prof. Liliya Asenova Todorova, PhD, Dept. of Public Health and Social Work,  
tel.: +359 82 821 993, E-mail: [litod@uni-ruse.bg](mailto:litod@uni-ruse.bg)Assist. Prof. Ana Yordanova Ancheva, Dept. of Public Health and Social Work, tel.: +359 82 821 993, E-mail: [aancheva@uni-ruse.bg](mailto:aancheva@uni-ruse.bg)**Abstract:**

The discipline provides opportunity to practice the repertoire of OT assessments and treatment interventions related to human performance with accent on the evaluation and the analysis of the performance. The fieldwork experience promotes clinical reasoning and reflective practice along with the foundations of values and beliefs that enable the participant to prepare for ethical professional practice. The main goal is to develop practical skills, responsibility, clinical reasoning and ethical attitude to OT intervention.

**Course content:**

Organisational structure and activities of the fieldwork placements. OT assessment of socially disadvantaged clients. Choosing and application of assessment methods and tools. Educational and developing activities and play for children with social disadvantage. Creative activities for children and adults. Social activities and play for children and adults. Group reflection on the fieldwork placement.

**Teaching and assessment:**

The fieldwork is carried out at homes for abandoned children, social services for children and adults with social disadvantage. Students are placed at different sites, they have to explore the structure and activities and carry out group intervention with clients. Regularly conducted activities and achieved outcomes are discussed. Continuous assessment is based on the demonstrated skills, responsibility and attitude of the student during the fieldwork. Regular attendance, active participation, responsibility and on-time submitting of the course assignment are required.

### 0817 Neurology

**ECTS credits:** 4**Assessment:** exam**Department involved:**Department of Public Health and Social Work  
Faculty of Public Health and Healthcare**Lecturers:**Assoc. Prof. Melaniya Mihaylova Radionova, MD, PhD, Dept. of Public Health and Social Work, tel.: 0887232440, e-mail: [radionova@abv.bg](mailto:radionova@abv.bg)**Abstract:**

The aim of the course is to introduce descriptive and functional anatomy of nervous system, the symptoms and syndromes of neurological injuries, the principles of topical diagnosis, and the medical methods, supporting and verifying the diagnosis of neurological disorders. The special part acquaints students with the clinic and therapy of neurological disorders. Previous knowledge in anatomy and physiology of the nervous system is necessary. Practical sessions focus attention on traumas and disorders of the central and peripheral nervous system, where occupational therapy is most widely applied. The discipline forms and develops the basis of clinical reasoning as a logical foundation for developing and implementing occupational therapy intervention with a particular client.

**Course content:**

General concepts of anatomy and physiology of the nervous system. Peripheral nervous system. Central nervous system – brain and spinal cord, conductive systems. Movement and coordination. Main symptoms and syndromes in their disorders. Sensitivity. Clinical topic syndromes. Laboratory methods for diagnostics of neurological disorders. Inflammatory and vascular disorders of the nervous system. Tumors and traumas of the nervous system. Systemic dystrophic disease of the nervous and muscular systems. Central and peripheral nervous system disorders. Epilepsy. Functional disorders of the nervous system.

**Teaching and assessment**

The lectures aim to present the theoretical foundations of the functional treatment of different neurological disorders. During practicals students observe and try out methods of neurological examination with patients. Theoretical preparation on the topic is requested. Continuous assessment is carried out through discussions, inquiries and clinical cases. Regular attendance of lectures and minimum 90% attendance of exercises are required. Final grade is based on a written and oral examination on two questions from the questionnaire.

**0818 Neuropsychology****ECTS credits:** 3**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Nikolina Stancheva Angelova-Barbolova, MD, PhD, Dept. of Healthcare; tel.: 00359821993, e-mail: nangelova@uni-ruse.bg

**Abstract:**

Neuropsychology is an integrative discipline, involved in studying of directly related to brain functions behaviour. The main goal of the education is to provide knowledge about the structure of brain cortex, the location of Sr. cortex functions and subordination of cortical zones, as well as impairments of higher mental functions. Basic assessment methods in Neuropsychology are presented, emphasizing their application in occupational therapy practice. The expected outcomes are stimulating students' activity on these issues, understanding basic concepts, as well as critical and creative interpretation and application of the main neuropsychological knowledge in the occupational therapist practice.

**Course content:**

Introduction to Neuropsychology. Anatomy and physiology of the brain cortex. Higher cortical functions – characteristics and types. Localization and lateralization of functions. Functional asymmetry of the brain and hemisphere strategies. Gnosis and agnosia. Praxis and apraxia. Language and speech. Language and thinking. Aphasia. Memory impairments resulting from local lesions of the brain. Amnesia. Neuropsychological analysis of higher mental functions disorders resulting from local lesions of the brain. Qualitative and quantitative analysis of neuropsychological syndromes. Neuropsychological methodology of clinical assessment - A. R. Lurii. Cognitive Neuropsychology and problem solving. Organic brain syndromes. Dementia.

**Teaching and assessment:**

The continuous assessment is based on written tests 2/5 (40%) and overall participation in activities and self study 3/5 (60%). Regular attendance, active participation, elaborating and delivering of individual assignments on time is requested. The exam is written. The final grade is based on the written test and the course assignment.

**0819 Occupational therapy for Physical Dysfunction I****ECTS credits:** 6**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Sen. Assist Prof. Liliya Asenova Todorova, PhD, Dept. of Public Health and Social Work, tel.: +359 82 821 993, E-mail: litod@uni-ruse.bg

Sen. Assist. Prof. Petya Anastasova Mincheva, MSc, Dept. of Public Health and Social Work, tel.: +359 82 821993, E-mail: pmincheva@uni-ruse.bg

**Abstract:**

The course examines ADL limitations influencing the main life roles of adults with physical dysfunction. Students get acquainted with the application of different theoretical models and methods for assessment of motor, cognitive, neurological and psychic functions. Main attention is focused on activity limitations and participation restrictions to neurological impairments. An emphasis is placed on viewing clinical problems from different perspectives and on generating alternative approaches to assessment and treatment of the adult clients. The main aim of the course is to develop skills for intervention in variety of ADL areas, including the use of assistive devices, environment adaptations, education and counselling of the families.

**Course content:**

Theoretical foundations for OT intervention in physical dysfunction. Theoretical models and frames of reference in neurological diseases. OT assessment in neurology. Activity and occupational analysis. Performance components. Occupational therapy intervention – general principles. Occupational therapy for motor and cognitive dysfunctions of adults with cerebrovascular accident, traumatic brain injury and spinal cord injury. Positioning, transfers and mobility. Activities of daily living. Assistive devices. Occupational therapy in multiple sclerosis, Parkinson's disease and other neurological impairments.

**Teaching and assessment:**

Students are actively involved in the education through discussions, problem solving and case studies. Continuous assessment is based on participation, written tests, individual assignments and practical skills. Regular attendance, active participation and responsibility, working out and on time delivering of the assignments are requested. Final grade is based on a written test and the course assignment.

**0821 Occupational Therapy Equipment for Adapting the Environment I****ECTS credits:** 4**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Daniel Mihailov Bratanov, MEng, PhD, Dept. of Manufacturing Engineering,

Tel.: +359 82888717, E-mail: dany@manuf.ru.acad.bg

**Abstract:**

The aim of the discipline is providing knowledge to the students about the methodology of specific equipment development and use for adaptation of the environment according the needs of people with locomotion, mental and psychological disabilities, including the ability for their implementation. The discipline provides to the students a formation of specific competences related to the development of appropriate and accessible environment and equal opportunities for participation in daily activities to disabled persons.

**Course content:**

Introduction in the discipline. Adaptation of the buildings and communications. Equipment for supporting the independent mobility of elderly and disabled people. Devices and equipment for rehabilitation of people with neuro-motor impairments. Compensation equipment avoiding the restrictions in the self care of elderly and disabled people. Adaptation of the software products for people with disabilities.

**Teaching and assessment:**

The teaching process is organised through lectures, practicals and supervised self-study. The practical exercises are executed in appropriately equipped laboratory. Visits to medical centres equipped with the necessary base are organized. During the semester the students make one test. The practicals normally end with a deliverable. The students are required to attend contact hours and to participate actively. The requirements for attestation are provided to the students at the beginning of the semester. The final grade is formulated on the basis of a written exam and oral presentation of the questions. The results of the controlled work are taken into account in the formation of the final grade.

**0822 Basics of Research with Medical Statistics****ECTS credits:** 2**Assessment:** continuous assessment**Departments involved:**

Department of Applied Mathematics and Statistics

Faculty of Public Health and Health Care.

**Lecturers:**

Sen. Assist. Prof. Evelina Veleva, PhD, Dept. of Applied Statistics, phone: 00359888 466, e-mail:

[eveleva@uni-ruse.bg](mailto:eveleva@uni-ruse.bg)**Abstract:**

The course builds on knowledge of the probability theory, with emphasis on applications of statistics in healthcare and social services. During the practical exercises students are introduced to specialized software for data processing and statistical analysis SPSS (Statistical Package for Social Sciences). The course content is consistent with similar courses in leading Bulgarian and foreign universities.

**Course content:**

Nature of statistical learning. Measuring scales. Statistical monitoring. Statistical group. Statistical analysis. Graphical statistical images. Empirical statistical distributions. Numerical characteristics. Established representative statistical study. Statistical evaluation. Point and interval estimates. Determination of sample size. Statistical hypothesis testing. Check for normality of the empirical distribution. Correlation analysis. Regression analysis. Adequacy of the model. Requirements for the preparing a scientific paper, report and presentation. Opportunities for publication in the international indexed journals.

**Teaching and assessment:**

The teaching process is realized through lectures and practical exercises. Topics discussed during lectures are to be illustrated and given meaning additionally through the practical exercises. There is an introduction to the specialized software package SPSS.

**0823 Fieldwork 2****ECTS credits:** 7**Assessment:** continuous assessment**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Sen. Assist Prof. Liliya Asenova Todorova, PhD, Dept. of Public health and Social Work,

tel.: +359 82 821 993, E-mail: litod@ uni-ruse.bg

Sen. Assist. Prof. Petya Anastasova Mincheva, MSc, Dept. of Public health and Social Work,

tel.: +359 82 821993, E-mail: pmincheva@uni-ruse.bg

**Abstract:**

The course provides students with the opportunity for practical application in real context of assessment tools related to occupational performance and occupational therapy intervention with persons with neurological diseases. The fieldwork experience promotes clinical reasoning and reflective practice along with the foundations of values and beliefs that enable the participant to prepare for ethical professional practice. The main goal is to develop practical skills, responsibility, clinical reasoning and ethical attitude to occupational therapy intervention.

**Course content:**

Interviewing people with neurological diseases, carers and staff members. Assessment and evaluation of physical and cognitive abilities of people with neurological diseases. OT assessment tools for neurological diseases. Positioning, transfers and mobility. OT approaches for supporting selfcare, productive and leisure occupations with neurologically ill clients (cerebrovascular incidents, traumatic brain injuries and spinal cord injuries, Multiple sclerosis, Parkinson disease and others).

**Teaching and assessment:**

Clinical placements take place at health settings and specialized institutions for adults with physical disabilities in Ruse. Students have the opportunity to do assessment and intervention at the home of the client. Each student works individually at least with two clients with neurological diseases. Continuous assessment is based on the demonstrated skills, responsibility and respect during practice. Regular attendance, active and responsible participation in practical training, on time elaboration and submission of coursework is required. Final grade is based on fieldwork attendance and participation, individual assignments during the semester and the course assignment.

**0825 Summer Placement I****ECTS credits:** 4**Assessment:** colloquium**Department involved:**

Department of Public health and Social Work

Faculty of Public health and Health Care

**Lecturers:**

Sen. Assist. Prof. Petya Anastasova Mincheva, MSc, Dept. of Public health and Social Work,

tel.:+359 82 821993, E-mail: pmincheva@uni-ruse.bg

**Abstract:**

The aim of the summer fieldwork is to promote resilient transition from theory to practice by facilitating quality of education through fieldwork experience. It complements the academic knowledge by exposing students to clinical reasoning and preparing them for increasing professional responsibility. The students develop understanding of individuals, groups and communities with whom they work and have the opportunity to collaborate with a variety of professionals. The fieldwork experience aims to facilitate entrepreneurial behaviour.

**Course content:**

The first summer fieldwork is focused on clients with neurological impairments and social disadvantage. Students apply the occupational therapy process to clients with cerebrovascular incidents, traumatic brain injuries, spinal cord injuries, Multiple sclerosis, Parkinson disease and other neurological conditions. OT process includes assessment and identifying occupational issues, goal setting, planning, intervention and outcome measurement.

**Teaching and assessment:**

The summer fieldwork involves 4 weeks and is carried out at homes for abandoned children, daily centres for persons with physical disabilities and social disadvantage, neurological departments. Fieldwork placements are negotiated with the supervising teacher. Students conduct occupational therapy intervention in emerging practice areas under direct supervision carried out by health and educational professionals. Distance supervision by the responsible teacher is provided. For certification of the fieldwork students are requested to present detailed reports on the occupational therapy process with at least five clients.

**0826 Pediatrics****ECTS credits:** 4**Assessment:** exam**Departments involved:**

Department of Public health and Social Work

Faculty of Public health and Health Care

**Lecturers:**

Prof. Violeta Yotova, MD, DSc, Dept. of Public health and Social Work, tel.: 00359 82 821993

**Abstract:**

The lectures in pediatrics aim to present essential morphologic and functional characteristics of the child development from intrauterine and neonatal period till the end of puberty and adolescence. The pathology of all ages with accent on pathophysiologic mechanisms and contemporary therapeutic and prophylactic methods is followed. The place and potential of occupational therapy in child's age, focused on prevention of the physical and psychic retardation of sick children, as well as achieving the maximum of their normal development, education and professional orientation, is stressed. Expected outcomes are that students will be able to understand the causes, pathology, etiology, symptoms, complications, diagnoses and therapy of most widespread diseases.

**Course content:**

Pediatrics – subject, main therapy trends. Anatomic and physiologic characteristics of the child development in different age periods. Characteristics of heredity and congenital diseases. Diseases of the newborn and prematurely born babies. Early intervention for children with problems in breathing and neurological development. Puberty – characteristics of the psychical and physic development. Diseases of the respiratory, cardio-vascular, digestive, urinary, nervous and musculoskeletal system in child and juvenile ages. Diseases of the blood and haemopoetic organs. Metabolic diseases. Immunity and immunodeficiency conditions. Congenital virus infections.

**Teaching and assessment:**

The lectures are presented in an easily accessible way with audio-visual illustrations and possibility for summarizing of essential parts. Active participation of students through solving case studies and discussions on issues of particular interest is stimulated. Practicals are conducted at fieldwork places and include active discussion on the current topic, demonstration of healthy and sick children and developing skills to work with them by identifying morphologic and neurological maturity index, neurologic status and investigation of primitive reflexes. The individual assignment aims to enhance students' clinical knowledge and skills for working on scientific problems. Continuous assessment is carried out through discussions in the process of education. Minimum 50% attendance of lectures is required. The final grade is based on the individual work during the semester, a written examination and an oral discussion.

**0828 Developmental Psychology****ECTS credits:** 3**Assessment:** exam**Department involved:**

Department of Pedagogic, Psychology and History

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Sinto Mois Yulzari, MA, PhD, Dept. of Pedagogy, Psychology and History, tel.: +359 82 841 609, ext. 208, E-mail: sinto@abv.bg

**Abstract:**

The topics are selected in regard to the need to develop a stand on social life in future occupational therapists, as well as establishing social communication skills and collaboration with clients and partners. Main developmental theories are described analytically in order to develop independent and critical appraisal of the person's psychosocial development during different age periods.

**Course content:**

Psychology as a science. Methodology, methods, approaches and principles of psychology. Theories of psychological development. Concepts of mental development. Types of personality. Classical types. Structure of personality. Ontogenetic stages of development. Psychological characteristics of age periods – preschool, primary school, puberty, adolescent, mature. Habit formation as a problem of mental development.

**Teaching and assessment:**

Teaching is conducted through lectures and seminars. Oral presentation is mainly used in lectures and the seminars present different schemes, models and patterns of methods of social and psychological enquiry. During the semester students are monitored in conducting of diagnostic procedures in regard of the selected person for the course assignment. The maximum number of points for the coursework is 90, 30 for each stage. For attendance at lectures students are allotted 1 point per hour, i.e. 30 points. The final procedure is a written examination and a defense of the course assignment. The final grade is based on the total number of points collected.

**0833 Occupational Therapy in Pediatrics****ECTS credits:** 7**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Sen. Assist. Prof. Petya Anastasova Mincheva, MSc, Dept. of Public Health and Social Work, tel.: +35982 821993, E-mail: pmincheva@uni-ruse.bg

**Abstract:**

The course presents the theoretical foundations of OT in pediatrics, and the role of OT with disabled children and their families. An important place is given to the study of the stages of normal child development and causes of developmental delay. Students are introduced to various assistive devices, adaptations and equipment and their application. The main goal of the education is mastering theoretical knowledge and practical skills for occupational therapy intervention with children of different age periods, with different needs and conditions, focused on the main occupations of the child – self care, play and education.

**Course content:**

Foundations of occupational therapy for children – OT process, theoretical models, family-centered approach, methods and assessments tools. Multidisciplinary teamwork. Development of occupations during different periods of the childhood. Working with families; children living in institutions. Strategies for OT intervention for enhancing daily activities and participation. Assistive devices, adaptations and equipment. Play as an occupation and therapeutic media and its importance as a process and an outcome. Role of occupational therapy for children with special educational needs, inclusive education. Occupational therapy for children with physical disabilities (cerebral palsy, hydrocephalus), sensory and developmental disabilities.

**Teaching and assessment:**

During lectures students acquire theoretical knowledge of OT intervention in pediatrics. The teaching process is interactive and demands active participation of the students in discussions, problem solving and case studies. Practicals are conducted in clinical centers and services for children with disabilities of different ages. They include discussion and demonstration of methods and tools applied to the specific condition and individual work of the student under the supervision of the teacher. Continuous control is carried out through written tests, students' participation, individual assignments during the semester and demonstration of practical skills. Attendance and semestrial individual work are assessed by a number of points. The final grade is based on a written test and course assignment.

**0978 Occupational Therapy Equipment for Adapting the Environment II****ECTS credits:** 6**Assessment:** exam**Departments involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Daniel Bratanov, PhD, Department of Public Health and Social Work, phone +359 82888717, e-mail: dany@manuf.uni-ruse.bg

**Abstract:**

The aim of the course is that students obtain knowledge about the methodology for the creation and the use of equipment for environmental adaptation and the methods for its implementation, based on the requirements of people with motor, mental and psychological impairments. The discipline targets the implementation of automated and robotised occupation therapy, physiotherapy and other medical equipment.

**Course content:**

Robotics as occupational therapy equipment. Introduction to robotics. Basic systems of the robot. Geometrical and kinematical characteristics of the manipulator. Sensory devices in occupational therapy. Grasping mechanisms. Perspectives of the robotics. Implementation of the robots in the social sphere and their classification. Robotic systems in the occupational therapy– exploitation and dissemination. Possibilities for implementation of robots in the rehabilitation practice. Automated system for motion therapy – passive and active. Robot-technical sources for medical and social rehabilitation. Assistive devices. Autonomous robotic systems for execution of service tasks.

**Teaching and assessment:**

The teaching process is organised through lectures, practical exercises and supervised extra auditory work. The practical exercises are executed in appropriately equipped robotics laboratory coupled with a computerized lab. The course work starts from the second week of the semester and ends according the agenda. During the semester the students make one control work at mid term in the form of a test. The final score is formulated on a written and oral exam. The results of the controlled work are taken into account in the formation of the final score.

**0835 Social Rehabilitation and Health Promotion****ECTS credits:** 3**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Nikolina Stancheva Angelova-Barbolova, MD, PhD, Dept. of Healthcare; tel.: 00359821993, e-mail: nangelova@uni-ruse.bg

**Abstract:**

The course aims to acquaint students with the concept of health promotion as a component of the new public health. The teaching objectives are to clarify the essence and different trends of health promotion, and to equip students with knowledge and skills for practical application. Special attention is paid to health education and promotion of healthy lifestyles, underpinning the idea of health promotion. General and specific tasks of health professionals in different health promoting initiatives are explored.

**Course content:**

Theoretical foundations of health education and health promotion – development of the concepts of health, illness and health promotion. Approaches for health promotion – medical, behavioral and educational approach, empowerment, and social change. Health promotion models. Concept and elements of healthy lifestyle. Health promotion in primary healthcare, hospitals, schools, living places and job positions. Implementation of health promotion – assessment of health needs of different populations, planning and evaluation of health promotion interventions. Complex health promotion programmes.

**Teaching and assessment:**

Teaching is conducted through lectures applying modern teaching methods – presentation and discussions, stimulating students' active participation. Current control is executed through oral questions and discussions. Course assignment consists of a written paper on a problem, selected from a list. Regular attendance, active participation, and on-time submission of the course assignment are requested for certification. Final grade is based on a written test and the course assignment.

**0836 Fieldwork III****ECTS credits:** 7**Assessment:** continuous assessment**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assist. Prof. Petya Anastasova Mincheva, MSc, Dept. of Public Health and Social Work, tel.: +359 82 821993, E-mail: pmincheva@uni-ruse.bg

**Abstract:**

The course provides students with the opportunity for practical application in real context of assessment tools related to occupational performance and occupational therapy intervention for children with physical and mental disabilities in order to prevent and overcome their delay, as well as to ensure maximum development, education and vocational orientation. The fieldwork experience promotes clinical reasoning and reflective practice along with the foundations of values and beliefs that enable the participant to prepare for ethical professional practice. The main goal is to develop practical skills, responsibility, clinical reasoning and ethical attitude to occupational therapy intervention.

**Course content:**

Visits to institutions working with children. Observation and assessment of child's development. Assessment of developmental deviations – specialized tests, observation. Assessment and analysis of normal and abnormal child development in the areas of occupation. Interviewing parents and caregivers. Occupational therapy intervention – planning, implementation, evaluation of results. School occupational therapy, inclusive education. Sensory integration and play. Assistive devices. Occupational therapy approaches for supporting occupations for children with neurological and developmental disorders, multiple disabilities, sensory and congenital impairments.

**Teaching and assessment:**

Fieldwork placements include medical and social services for children, day centers, special kindergartens, special and mainstream schools. Each student works individually with at least two children from different bases with different occupational problems and needs. Periodically, and at the end of each stage, the conducted activities are discussed. Continuous control is carried out through student' individual assignments and the demonstrated skills, responsibility and respect during fieldwork. Final grade is based on number of points allocated for attendance and participation, individual assignments during the semester and the course assignment.

**0838 Orthopedics, Orthotics and Prosthetics****ECTS credits:** 2**Assessment:** exam**Departments involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Daniel Bratanov, PhD, Dept. of Public Health and Social Work, phone +359 82888717,

e-mail: dany@manuf.uni-ruse.bg

Assoc. Prof. Pencho Kosev, MD, PhD, Dept. of Public Health and Social Work, phone, tel.: 00359 82 821993

**Aim:**

Traumatology of the musculoskeletal system aims at introducing students to different kind of traumas of body parts and extremities, their clinical characteristics, treatment and functional rehabilitation. Students should acquire detailed knowledge on the mechanisms of traumas, pathological anatomy and methods for anatomical and functional recovering. In the part of "Orthopedic Diseases" students are introduced to the congenital abnormalities of the musculoskeletal apparatus, developmental and other diseases and deformities.

**Course content:**

Musculoskeletal traumas. Fractures – types, mechanism. Osseo-tissue recovering. Basic principles and treatment methods in traumatology. Complicated fractures. Traumas of upper and lower extremities, vertebral, cranial and brain, chest traumas. Peripheral nerves traumatism. Congenital abnormalities of upper and lower extremity. Developmental abnormalities. Musculoskeletal diseases due to neural disturbances. Degenerative joint diseases. Rheumatoid joint diseases. Introduction to orthotics and prosthetics. Indication. Upper and lower limb splints and prostheses.

**Teaching and assessment:**

During the course of lectures students are introduced theoretically to the clinical characteristics of the most frequent traumas and the diversity of treatment methods, and with the classification of orthopedic diseases as well. Lectures are supported by multimedia presentations, X-ray pictures etc. During practicals students learn how to produce and apply splints and prostheses. The final grade is based on the results of examination on two questions chosen at random.

**0841 Mental Health****ECTS credits:** 2**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Nikolina Stancheva Angelova-Barbolova, MD, PhD, Dept. of Healthcare; tel.: 00359821993, e-

mail: nangelova@uni-ruse.bg

**Abstract:**

The course is focused on the etiology, pathology, symptoms, psychodynamics, treatment and prognosis of mental disorders. The principles of psychotherapy, psychoanalysis, physical methods of treatment and community care, as well as the legislation of the country with regard to psychiatric patients are discussed. On completion of this module students will be able to describe and explain the causal relations between the illnesses in which multiple psychological processes are impaired, including thought, perception, emotional life, and behaviour and ADL impairments.

**Course content:**

The course includes study of psychiatric conditions according to diagnostic criteria for the classification of mental disorders such as substance use disorders, attention deficit/ hyperactivity disorders, organic mental disorders, schizophrenia, mood disorders, paranoid, personality affective and anxiety disorders and cognitive disorders, pervasive developmental disorders (PDD).

**Teaching and assessment:**

The lectures aim to present the theoretical foundations of psychiatric conditions according to diagnostic criteria. Active participation of the students is provoked through discussions, inquiries and clinical cases. Regular attendance of lectures, elaborating and delivering of the course assignment on time is required. The final grade is based on a written and oral exam and the course assignment.

**0849 Occupational Therapy for Physical Dysfunction II****ECTS credits:** 4**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assist. Prof. Petya Anastasova Mincheva, MSc, Dept. of Public Health and Social Work,

tel.: +359 82 821993, E-mail: pmincheva@uni-ruse.bg

**Abstract:**

The course examines the disruption that a disability may cause to the course of people's lives, taking the experiences of adult persons with orthopaedic conditions as point of reference. The biomechanical and rehabilitative approaches are examined as methods appropriate to rebuilding the lives of persons with orthopaedic and rheumatoid conditions. In this context, special attention will be given to engagement in productive occupations, such as paid employment or other ways of contributing to other people and society through roles, such as housekeeping, participating in local groups or various organisations.

**Course content:**

Biomechanical, rehabilitative and compensatory approaches in connection with orthopedic conditions. Descriptions and practice of the occupational therapy process for a range of orthopaedic and rheumatoid conditions, including assessment, occupational therapy diagnosis, treatment planning and execution, and evaluation of the treatment results. Data-gathering methods and models. Orthotics and prosthetics: assessment, prescription and manufacturing (of splints). Seating in wheelchairs – assessment. Vocational rehabilitation, housekeeping and working with the community.

**Teaching and assessment:**

Students are actively involved in the education through discussions, problem solving and case studies. By working with adults and their families the students can apply the knowledge from this course in practical situations. Seminars and discussion provide ample opportunity to consider how the newly gained insights and skills can be applied in everyday contexts. Continuous assessment is based on participation, written tests, individual assignments and practical skills. Regular attendance, active participation and responsibility, working out and on time delivering of the assignments are requested. Final grade is based on a written test and the course work.

**0864 Occupational Therapy in Mental Health****ECTS credits:** 5**Assessment:** exam**Department involved:**

Department of Public health and Social Work

Faculty of Public health and Health Care

**Lecturers:**

Sen. Assist Prof. Liliya Asenova Todorova, PhD, Dept. of Public health and Social Work,

tel.: +359 82 821 993, E-mail: litod@ uni-ruse.bg

**Abstract:**

The main aim of the course is to give students an understanding of the principles and concepts of occupational therapy in mental health and to identify the place for occupational therapy in mental health care in Bulgaria. Students are expected to increase their critical awareness and reasoning skills and to develop their views on this topic. Special attention is given to engagement in productive occupations, such as paid employment or other ways of contributing to other people and society through roles, such as housekeeping, participating in local groups or various organisations.

**Course content:**

Short history and introduction to occupational therapy in mental health. Health, well being and mental health. The role and tasks of occupational therapists in mental health care services. The occupational therapy process in mental health – approaches to practice, assessment, treatment planning and implementation, evaluation of results, record keeping. Ethical issues/ attitudes. Media and methods – developing physical fitness to promote mental health, cognitive approaches, group work, creative activities, life and social skills training, therapeutic play, daily activities. Client groups – acute psychiatry, long-term illness, older people, child and adolescent mental health services, substance misuse. Community and work place support.

**Teaching and assessment:**

The course has a dynamic structure using various teaching methods - interactive presentations, group work, discussion, video, slides, practice visits, and self-study. Students are expected to draw continually on previous knowledge, to challenge the ideas presented and to join in ongoing debate with the lecturer. The practical assignments guide the participants through a pilot process from conceptualization to implementation of occupational therapy initiatives with psychiatric disabilities in Bulgaria. Regular attendance, active participation and responsibility, on time submitting of the assignments are requested. Final grade is based on a written test and the course work.

**0990 Disastrous Situations Management****ECTS credits:** 1**Assessment:** colloquium**Departments involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Daniel Bratanov, PhD, Dept. of Public Health and Social Work, phone +359 82888717,

e-mail: dany@manuf.uni-ruse.bg

**Abstract:**

The content of the course provides knowledge about society organization for overcoming the consequences of disasters. The aim of the course is to introduce modern approaches, activities and measures for providing protection of the population, the property and the environment throughout crises and disasters. Students are supported to develop professional and civil culture for protection in extraordinary events.

**Course content:**

Global problems of the development – interaction society-environment and extraordinary events. The disasters – essence, classifications, general characteristics. Organization of the society for overcoming the disasters. Planning for extraordinary events – essence and steps of the planning process. Management and logistics of emergency situations. Risk reduction, life and property protection, providing of resources for radiation, toxic and other specific disasters.

**Teaching and assessment:**

Education is provided by lectures using various instruments for clear presentation: schemes, models, videotapes. The final assessment is preliminary written exam over preconcerted questionnaire.

**Weekly workload:** 2lec+0sem+0labs+0ps**Type of exam:** written**1005 Project Work in Occupational Therapy II****ECTS credits:** 4**Assessment:** continues assessment**Departments involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Daniel Mihaylov Bratanov, PhD, Dept. of Public Health and Social Work,

tel.:+359 82 821 993, e-mail: dany@manuf.uni-ruse.bg,

Assist. Prof. Boryana Ilieva Todorova, PhD, Dept. of Public Health and Social Work

tel.:+359 82 821 993, e-mail: btodorova@uni-ruse.bg

**Abstract:**

The main aim of the course is that students collaborate with different groups in a project, involve all parties in analysing and describing their situation in a systematic way and develop and write a realistic plan for improvement, which will be implemented by the organisation. They will learn to write a project, including a work plan and budget, and a letter to a funding organisation. The students have to show evidence of integrating all their knowledge, skills and attitude learned in the previous project, and to develop co-operation skills, like dividing tasks and promoting their profession.

**Course content:**

Background/Justification – problem and needs analysis, presentation of the organization. Project description. Project objectives, outcomes and activities (LFM-logical framework matrix). Workplan. Dissemination and sustainability. Quality control and monitoring. Management of the project.

**Teaching and assessment:**

In this module the students will work in small groups and choose a school, NGO or other organisation, which is willing to collaborate in a project aiming for inclusion of persons with disabilities. Together with the different partners/ clients the participants will describe the present situation, the strengths and weaknesses and develop a plan for improvement. During practicals students present and discuss the development of the stages and implementation of the project. Points are allocated for attendance and for the final presentation of the project proposal. The final assessment is based on the total number of points collected by the student and on the quality of the project proposal.

**Weekly workload:** 0lec+0sem+0labs+2p+cp**Type of exam:** written

## 0992 Fieldwork IV

**ECTS credits:** 7**Assessment:** continuous assessment**Departments involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Sen. Assist. Prof. Liliya Asenova Todorova, PhD, Dept. of Public Health and Social Work,

tel: +359 82 821993, e-mail: litod@uni-ruse.bg

Sen. Assist. Prof. Petya Anastasova Mincheva, Dept. of Public Health and Social Work, tel: +359 82 821993,

e-mail: pmincheva@uni-ruse.bg

**Abstract:**

The course provides students with the opportunity for practical application in real context of assessment tools related to occupational performance and occupational therapy intervention for adults with physical and mental disabilities in order to prevent and overcome the activity limitations and participation restrictions. The fieldwork experience promotes clinical reasoning and reflective practice along with the foundations of values and beliefs that enable the participant to prepare for ethical professional practice. The main goal is to develop practical skills, responsibility, clinical reasoning and ethical attitude to occupational therapy intervention.

**Course content:**

Interviewing, observation, assessment and intervention with clients with orthopaedic conditions – hand injuries, upper and lower extremity injuries and diseases, back pain. Interviewing, observation, assessment and intervention with clients with rheumatoid conditions. Occupational therapy assessment of mentally ill clients – mental state, assessment methods and tools. Planning, organizing and conducting group work for people with mental illness. Evaluation of the group work by students and clients.

**Teaching and assessment:**

The main fieldwork placements are the Multi-profile Hospital for Active Treatment and the Mental Health Centre in Ruse. Students work individually and in groups with clients with different orthopaedic, rheumatologic and psychiatric disorders. Periodically, and at the end of each stage, the conducted activities are discussed. Continuous control is carried out through students' individual assignments and the demonstrated skills, responsibility and respect during fieldwork. Final grade is based on the number of points allocated for attendance and participation, individual assignments during the semester and the course assignment.

**Weekly workload:** 0lec+0sem+0labs+6p+ca**Type of exam:** written

## 0831 Communication Disorders

**ECTS credits:** 1**Assessment:** continuous assessment**Department Involved:**

Department of Pedagogy, Psychology and History

Faculty of Public Health and Health Care

**Lectures:**

Assoc. Prof. Violeta Vaneva, PhD, Dept. of Pedagogic, Psychology and History; tel: 841609/227; e-mail:

[vilivaneva@abv.bg](mailto:vilivaneva@abv.bg)**Abstract:**

The purpose of the course is to introduce students to practical methods and skills for identifying, diagnosing and correcting disturbed communication.

**Course content:**

Diagnostics of communication disorders as a foundation of therapy. Types of communication disorders – symptomatic scheme and characteristics. Alalia. Sigmatism. Gamatism. Rotatism. Stammer. Speech Therapy in autism. Disarthria. Aphasia. Rhinolalia. Therapy of communication disorders – articulation, motor, respiratory and phonetic, cognitive and linguistic. Structuring and planning speech therapy.

**Teaching and assessment:**

The seminars are structured in 3 modules, each consisting of 5 hours. During the first two lessons of each module students get theoretical knowledge about the topics. The remaining 3 lessons are focuses on practical training through observation and discussions of speech therapy sessions with children. After each module a written test is given to the students. The final grade is based on the three tests.

**Weekly workload:** 1lec+0sem+0labs+0ps**Type of exam:** written

## 0756 Andragogics

**ECTS credits:** 1**Assessment:** continuous assessment**Departments involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturer:**

Assoc. Prof. Sasho Todorov Nunev, MSc, PhD, Dept. of Public Health and Health Care, tel.: 0035982 821993,

e-mail: snunev@uni-ruse.bg

**Abstract:**

The course in andragogic is central to the system of education. It examines the scientific foundations and contemporary aspects of training and education of adults. Students acquire knowledge and skills for planning and organization of training. The main issues and challenges facing permanent education in the modern world are highlighted. The age characteristics of students and the system of andragogic forms and methods of training are emphasised.

**Course content:**

Purpose and objectives of andragogics. Interaction with other disciplines. Recent trends in education and training of adults. Worldwide movement - education for all. The memorandum Lifelong Learning of the European Commission on Education. Education for sustainable development. Theory and practice of education and training of adults in Bulgaria. Forms of education, training, specialisation. Trends. The adult learner as the subject of andragogics. Andragogic system of forms and methods. Communicating with adults in the situation of teaching and learning.

**Teaching and assessment**

Lectures are problem informed. During seminars the emphasis is placed on conducting tests and planning sessions with adult learners. Continuous assessment is based on a written topic of the education content.

**Weekly workload:** 1lec+0sem+0labs+0ps**Type of exam:** written

## 0993 Adapted Physical Activity and Sports for People with Disabilities

**ECTS credits:** 2**Type of assessment:** continuous assessment**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Sen. Assist. Prof. Irina Moncheva Karaganova, PhD, Dept. of Public Health and Social Work, tel. 00359 82 821993, e-mail: ikaraganova@uni-ruse.bg

**Abstract:**

The course introduces students to the field of Adapted Physical Activity and Sport as a mean of Psychomotor Rehabilitation and social integration of people with disabilities. Educational content describes Adapted Physical Activity based on the principles of Adaptation Theory and the model Person-Action-Environment; International Classification of Functioning, Disability and Health; Humanistic Philosophy; contemporary Sociology and Ecology. The aim of education is to equip students with professional attitudes and present opportunities for use of appropriate adapted physical activity and sport for people with various disabilities from different age groups, to further specialization and career in this field.

**Course content:**

Introduction and bases of Adapted Physical Activity (APA). Adapted Physical Education – nature, goals, organisation, personnel, planning. Inclusion and Adapted Physical Activity/ Adapted Physical Education. Recreational and elite sports for persons with disabilities. APA and Sports in rehabilitation. APA and Sports in chronic diseases and permanent damage leading to disability. Features of APA in early and advanced age. APA and Sports – management, social inclusion and integration, legislation.

**Teaching and Assessment:**

Training consists of lectures and self study. The course of lectures is supported by contemporary audiovisual equipment. Continuous guidance and assessment of students is done through discussions and treatment sessions with patients, course assignment. The aim of the course assignment is to develop skills for analysis of research publications, preparation and presentation of critical abstract. Attendance and active participation in lectures, development and on time submission of written assignments are required. The final mark is based on the outcome of written examination, course assignment and ongoing discussion.

**Weekly workload:** 2lec+0sem+0labs+0ps+ca**Type of exam:** written

**0994 Summer Placement II****ECTS credits:** 4**Assessment:** colloquium**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**Sen. Assist. Prof. Petya Anastasova Mincheva, MSc, Dept. of Public Health and Social Work,  
tel.: +359 82821993, E-mail: pmincheva@uni-ruse.bg**Abstract:**

The aim of the summer fieldwork is to promote resilient transition from theory to practice by facilitating quality of education through fieldwork experience. It complements the academic knowledge by exposing students to clinical reasoning and preparing them for increasing professional responsibility. The students develop understanding of individuals, groups and communities with whom they work and have the opportunity to collaborate with a variety of professionals. The fieldwork experience aims to facilitate entrepreneurial behaviour.

**Course content:**

During the second summer fieldwork students apply the occupational therapy process to children and adults with physical and psychic impairments. Occupational therapy intervention for children with nervous system and developmental disorders, multiple disabilities, sensory and congenital impairments. Occupational therapy process for clients with orthopaedic and rheumatic conditions, various psychiatric conditions and different ages.

**Teaching and assessment:**

The summer fieldwork involves 4 weeks and is carried out at hospitals, wards, institutions and daily centres for children and adults with physical disabilities and mental health problems. Fieldwork placements are negotiated with the supervising teacher. Students conduct occupational therapy intervention in emerging practice areas under direct supervision by health and educational professionals. Distance supervision by the responsible teacher is provided. For certification of the fieldwork students are requested to present detailed reports on the occupational therapy process with at least five clients.

**0996 Occupational Therapy in Geriatrics****ECTS credits:** 5**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**Sen. Assist. Prof. Petya Anastasova Mincheva, MSc, Dept. of Public Health and Social Work,  
tel.: +359 82 821993, E-mail: pmincheva@uni-ruse.bg**Abstract:**

The course examines the disruptions that normal ageing process and related diseases can cause in the occupational performance of the person and focuses on the contribution of occupational therapy to promote and maintain the quality of life and well-being in the elder person. Special attention is given to the support that occupational therapists can give to the caregivers of the elderly. The main aim of the course is to give students an understanding of the principles and concepts of occupational therapy in elder care and to identify its role in elder care. The training contributes to increasing the critical awareness and clinical/therapeutic reasoning skills of the students.

**Course content:**

Theoretical models in geriatric occupational therapy. Demographic, health and social problems, institutions and services for elderly persons. Social theories of ageing. Methods, assessment tools and principles of the occupational therapy process with elder persons. Occupational therapy intervention for occupational disruption due to physical, cognitive and psycho-social dysfunction, associated with the ageing process. Falls and fall prevention. Occupational therapy in chronic and terminal illness. Environmental modifications and adaptations. Settings of health delivery services to elder persons. Community-based rehabilitation: continuing care, palliative care and health promotion for successful ageing.

**Teaching and assessment:**

Students are actively involved in the education through discussions, problem solving and case studies. By working with elderly and their families at different settings and home environment the students can apply the knowledge from this course in practical situations. Continuous control is carried out through participation, written tests, individual assignments and practical skills. Regular attendance, active participation and responsibility, working out and on time delivering of the assignments are requested. Final grade is based on a written test and the course assignment.

**1000 Occupational Therapy Focusing on Adults with Learning Disabilities****ECTS credits:** 4**Assessment:** exam**Department involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Sen. Assist Prof. Liliya Asenova Todorova, PhD, Dept. of Public health and Social Work,

tel.: +359 82 821 993, E-mail: litod@ uni-ruse.bg

**Abstract:**

The main aim of the course is to develop skills in occupational therapy intervention with adults with learning disabilities, recognising that adults can still learn and develop further, despite having lacked opportunities for learning or treatment as children. The emphasis is placed on establishing contact and engaging with adults with learning disabilities to enable them to interact with others and their environment and exercise some control over and choice within their lives. As a basis for working with these clients occupational therapists require to have a sound knowledge of normal and abnormal child development and the treatment methods.

**Course content:**

Understanding learning disabilities. Services and support for people with learning disabilities. Distressed states of learning disability – challenging behaviours, autistic spectrum disorder, mental illness, self-injurious behaviour. The occupational therapy process as applied to learning disabilities – assessment, documentation and goal setting. Therapeutic intervention for people with learning disabilities. Relationships and learning disabilities – working with families. Importance of multidisciplinary teamwork.

**Teaching and assessment:**

The course has a dynamic structure using various teaching methods - interactive presentations, group work, discussion, video, practice visits, and self-study. Seminars provide ample opportunity to consider how the newly gained insights and skills can be applied in everyday contexts. By working with clients at different settings and home environment the students can apply the knowledge in practical situations. Current control is carried out through participation, written tests, individual assignments and practical skills. Regular attendance, active participation and responsibility, working out and on time delivering of the assignments are requested. Final grade is based on a written test and the course work.

**0834 Ergonomics and Design in Occupational Therapy Practice****ECTS credits:** 4**Assessment:** exam**Departments involved:**

Department of Public Health and Social Work

Faculty of Public Health and Health Care

**Lecturers:**

Assoc. Prof. Tsvetomir Konov, Dept. of Industrial Design, tel: +359 888 558, e-mail: kkonov@abv.bg

**Abstract:**

The aim of the course is that students acquire basic knowledge and practical skills in ergonomics and design, and opportunities for independent synthesis and materialization of simple assistive equipment for occupational therapy practice, as well as creating supportive and aesthetic work and home environment for people with disabilities. Students learn methods and tools for synthesis of ergonomic solutions in specific cases concerning the systems man-machine-environment, its components and their optimization.

**Course content:**

Essence and structure of ergonomic design. Anthropology and its application to ergonomic design. Creating good visibility conditions. Work room, structure and functional elements of the work position. Management of labor resources. Indicator devices. Functional graphics in ergonomic design. Knowledge and formation of colours. Tasks and activities in creating new and improved products, devices and systems. Stages, tasks and activities in creating of new artistic decisions. Stages, activities and tools for materialization of simple items (assistive devices) for persons with disabilities.

**Teaching and assessment:**

During the theoretical course students are introduced to basic theoretical knowledge and methods of synthesis of ergonomic and design solutions applicable to occupational therapy practice. During practicals students perform activities related to the acquisition of practical skills in synthesis of ergonomic and design solutions. Students are required regularly to submit the stages of development of the course assignment. The practical part of course work is done during the workshops and self study. The final grade is based on the results of the course assignment.

**1004 Management of Occupational Therapy Practice****ECTS credits:** 2**Assessment:** exam**Department involved:**Department of Business and Management  
Faculty of Public Health and Health Care**Lecturers:**

Assoc. Prof. Emil Papazov, MSc, PhD, Dept. of Business and Management, tel: 888-518;

e-mail: [epapasov@gmail.com](mailto:epapasov@gmail.com)

Assoc. Prof. Lyudmila Mihaylova, PhD, Dept. of Business and Management, tel: 888-518;

e-mail: [liudmilla@abv.bg](mailto:liudmilla@abv.bg)**Abstract:**

This course will present the theoretical rationale of the main issues in management. It will evaluate the total perspective and the means by which they are created and sustained, including advantage in today's increasingly challenging and complex environment. It will also offer a systematic approach to situational analysis, research and analysis, coordination of goals and objectives, resources and interests with the help of planning, management and control.

**Course content:**

Introduction: essence, content and functions of management of occupational therapy practices, its peculiarities and aims. Planning, company structure and organization, leadership and control. Relationships between occupational therapy practices and some important stakeholders and institutions.

**Teaching and assessment:**

The traditional way of delivering lectures will be enriched by visual materials put on slides and or multimedia packages. The continuous assessment is on the basis of discussions and students' participation. The final grade will depend on the note from the continuous assessment (40%) and from the final exam (60%).

**Weekly workload:** 2lec+0sem+0labs+0ps**Type of exam:** written**1006 Fieldwork V****ECTS credits:** 7**Assessment:** continuous assessment**Department involved:**Department of Public Health and Social Work,  
Faculty of Public Health and Health Care**Lecturers:**

Sen. Assist Prof. Liliya Asenova Todorova, MSc, Dept. of Public health and Social Work,

tel.: 00359 82 821 993, E-mail: [litod@uni-ruse.bg](mailto:litod@uni-ruse.bg)

Sen.Assist. Prof. Petya Anastasova Mincheva, MSc, Dept. of Public health and Social Work,

tel.: 00359 82 821993, E-mail: [pmincheva@uni-ruse.bg](mailto:pmincheva@uni-ruse.bg)**Abstract:**

The course provides students with the opportunity for practical application in real context of assessment tools related to occupational performance and occupational therapy intervention for elderly and adults with learning disabilities in order to prevent and overcome the activity limitations and participation restrictions. The fieldwork experience promotes clinical reasoning and reflective practice along with the foundations of values and beliefs that enable the participant to prepare for ethical professional practice. The main goal is to develop practical skills, responsibility, clinical reasoning and ethical attitude to occupational therapy intervention.

**Course content:**

Occupational therapy intervention for occupational performance issues commonly associated with the ageing process. Strategies for fall prevention. Environmental modifications and adaptations. Supporting occupations for elderly with dementia, chronic diseases. Community intervention: continuing care, palliative care and health promotion and successful ageing. Behaviour modifications for persons with learning disabilities – challenging behaviours, autistic spectrum disorder, mental ill health, self-injurious behaviour. Working with families and multidisciplinary teamwork.

**Teaching and assessment:**

The main fieldwork placements are elderly homes and centres for persons with learning disabilities. Students work individually and in groups with clients with occupational performance issues caused by the aging process and mental delay. Periodically, and at the end of each stage, the conducted activities are discussed. Current control is carried out through student' individual assignments and the demonstrated skills, responsibility and respect during fieldwork. Final grade is based on the number of points allocated for attendance and participation, the individual assignments during the semester and the course assignment.

**Weekly workload:** 0lec+0sem+0labs+6p+ca**Type of exam:** written

**1023 Pre-Graduation Internship****ECTS credits:** 20**Assessment:** colloquiumDepartment of Public health and Social Work,  
Faculty of Public Health and Health Care**Lecturers:**Sen.Assist. Prof. Petya Anastasova Mincheva, MSc, Dept. of Public health and Social Work,  
tel.: 00359 82 821993, E-mail: pmincheva@uni-ruse.bg**Abstract:**

The pre-graduation placement is a full-time commitment for 11 weeks following the successful completion of the academic programme. It provides students with advanced opportunities to integrate academic knowledge with application skills and attitudes for entry level practice. The OT intern is expected to develop competence to provide the full scope of OT services ranging from evaluation, intervention planning, provision of services, discharges planning, documentation and representing the OT perspective as a member of the multidisciplinary team in each facility. Upon completion of this final stage of the education the student is expected to have attained entry-level competences for the profession.

**Course content:**

Occupational therapy process including assessment, intervention planning and implementation, and evaluation, with clients with various impairments and ages. The fieldwork should cover the main client groups in occupational therapy – children, adults with physical and mental health disorders, and elderly. Community-based occupational therapy and role-emerging placements.

**Teaching and assessment:**

The pre-graduation fieldwork is carried out at a variety of settings and contexts – hospitals, wards, institutions and daily centres for children and adults with physical disabilities and mental health problems. Fieldwork sites are selected to provide comprehensive and high quality learning opportunities, as well as to match the interests and needs of the student in relation to his/her final thesis. Students conduct occupational therapy intervention in emerging practice areas under direct supervision carried out by health and educational professionals. Distance supervision by the responsible teacher is provided. For certification of the fieldwork students are requested to present detailed reports on the occupational therapy process with at least 10 clients.

**1033 Bachelor Thesis****ECTS credits:** 10**Assessment:** defence**Department involved:**Department of Public Health and Social Work,  
Faculty of Public Health and Health Care**Supervisors:**

Lecturers and experts in the professional field.

**Abstract:**

The main aim of the bachelor thesis is that students develop skills to design, implement and evaluate a research project on an applied scientific problem in the area of occupational therapy. Graduates have the opportunity to apply in a creative and critical manner previously acquired theoretical knowledge, practical skills and attitudes for achieving the goals and objectives of the bachelor thesis and to present their research successfully to the State Board of Examiners.

**Course content:**

Defining the topic and the research supervisor. Determining the general structure of the bachelor thesis. Literature review. Designing and implementing of the research. Analysis and discussion of the results, conclusion and recommendations. Developing of the bachelor thesis. Guidelines for the defense.

**Teaching and assessment:**

The bachelor thesis is an assignment, developed by the student independently under the supervision of a teacher on a confirmed by the department topic. The supervisor supports the student in all stages of the development and defense of the thesis. Students present and defend their Bachelor Thesis to the State Board of Examiners, which consists of at least three habilitated lecturers, as well as experts in the professional field.