

CATHOLIC UNIVERSITY IN RUŽOMBEROK
FACULTY OF EDUCATION

2019/2020

Subjects offered in foreign language*

Summer Semester

*The Catholic University reserves the right to revise, change or cancel subjects whenever considered necessary or desirable.

<http://eu.pf.ku.sk/en>

CONTENTS

Department of Foreign Languages - Russian	3
Department of Biology and Ecology	7
Department of Geography	10
Department of Chemistry.....	14
Department of Computer Science	16
Department of Pre-school and Elementary Education of Socially Disadvantaged Groups – Institute Juraja Palesa in town Levoča.....	20
Department of Social Work.....	26
Department of Management –Institute Stefana Nahalku in town Poprad	31
Department of Curative pedagogy - Institute Juraja Palesa in town Levoča	33
Department of Special Pedagogy and Pedagogy of Mentally Disabled – Institute Juraja Palesa in town Levoča	35

Department of Foreign Languages - Russian

COURSE TITLE: Culture of the Russian Oral and Written Speech 2	
COURSE CODE:52R1055W	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER:2 (summer)
EXPECTED RESULTS: The aim of the course is to form the communicative skills both in the Russian oral (speaking, listening) and written (reading, writing) speech.	
THEME OUTLINE: Environment and ecology City Sport Past and future in our life Saint-Petersburg Home Hobbies Holidays, traditions and customs	

COURSE TITLE: Systemic Contrastive Linguistics 2	
COURSE CODE:52R1054W	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER:2 (summer)
EXPECTED RESULTS: The aim of the course is to give basic information about Russian lexical system in general, i.e. about the characteristics of a word as a sign; word meaning and its types; systemic relations between lexical units; the development of the Russian language word-stock; Russian-Slovak homonymy.	
THEME OUTLINE: Word as a sign. Language as a system of signs Word meaning, its components and types Homonymy, synonymy and antonymy in Russian Etymological structure of the Russian language vocabulary Russian – Slovak homonyms	

COURSE TITLE: Culturology-oriented Foreign Languages Teaching Methods 2	
COURSE CODE:52R1056W	NUMBER OF CREDITS: 4
STUDY LEVEL: Bachelor	SEMESTER:2 (summer)
EXPECTED RESULTS: The aim of the course is to explain the basics of the theory of culturology-oriented FL education and give some examples of its action in practice.	
THEME OUTLINE: The meaning of dialogue of cultures Native culture in the dialogue with foreign one Synthetic art and culture, associative thinking Culture model and its application	

Precedent text and its choice

COURSE TITLE: Foreign Languages Teaching Methods and Education Philosophy in the Context of the European Methodological Innovations 2

COURSE CODE:52R1006W

NUMBER OF CREDITS: 3

STUDY LEVEL: Bachelor

SEMESTER:2 (summer)

EXPECTED RESULTS: The aim of the course is to present the essence of education philosophy and especially of the culturology-oriented approach in the broader European context.

THEME OUTLINE:

Education philosophy and the Slovak school system

Education in the EU context

The European teacher of the 21st century and his/her competence

The Russian language as a school subject in the modern educational context

COURSE TITLE: Teaching and Methodic Communication 2

COURSE CODE:52R1023Y

NUMBER OF CREDITS: 2

STUDY LEVEL: Bachelor

SEMESTER:2 (summer)

EXPECTED RESULTS: The aim of the course is to analyse speech strategies as such and to practice their usage in teaching communication

THEME OUTLINE:

Self-identification strategy

Compensation oppositions

Refusal acts in communication

COURSE TITLE: Systemic Contrastive Linguistics 4

COURSE CODE:52R1061W

NUMBER OF CREDITS: 2

STUDY LEVEL: Bachelor

SEMESTER:4 (summer)

EXPECTED RESULTS: The aim of the course is describe the syntactic system of the Russian language on the basis of word combinations, simple sentences, complex and compound sentences.

THEME OUTLINE:

Syntax as a part of grammar. Main concepts and terms

Word combinations as syntactic units, their classifications.

Concord, government and juxtaposition in Russian

Simple sentence. Parts of a sentence

Compound and complex sentences in Russian, their type and hierarchy

COURSE TITLE: Culture of the Russian Oral and Written Speech 4

COURSE CODE:52R1062W

NUMBER OF CREDITS: 2

STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS: The aim of the course is to form the communicative skills both in the Russian oral (speaking, listening) and written (reading, writing) speech.	
THEME OUTLINE: Russian cuisine Science and technics Theatre The size of Russia... Family and talent Literature in our life Poetry in our life Arts and social life	

COURSE TITLE: Culturology-oriented Foreign Languages Teaching Methods 4	
COURSE CODE: 52R1021W	NUMBER OF CREDITS: 4
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS: The aim of the course is The aim of the course is to explain the basics of the theory of culturology-oriented FL education and give some examples of its action in practice.	
THEME OUTLINE: Culturology-oriented Russian language education application in the Slovak schools textbooks – description and analysis	

COURSE TITLE: Teaching Interpretation of the Russian Visual and Music Culture 2	
COURSE CODE: 52R1063W	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS: The aim of the course is to show the practical application of visual and music texts usage and interpretation in FL education.	
THEME OUTLINE: Russian visual and music culture of the 18 th century – the teaching interpretation of its facts Some basic landmarks in the Russian history of the 18 th century	

COURSE TITLE: Russian Literature in the Historic Connections 2	
COURSE CODE: 52R1064W	NUMBER OF CREDITS: 3
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS: The aim of the course is to present the history of the Russian literature of a given period with some interpretation literary skills and the major literary texts.	
THEME OUTLINE: The main landmarks in the Russian 19 th century history The works by: V. Zhukovsky, A. Pushkin, M. Lermontov, N. Gogol, F. Dostoevsky, N. Nekrasov et al.	

COURSE TITLE: Foreign Languages Teaching Methods and Education Philosophy in the Context of the European Methodological Innovations 4	
COURSE CODE:52R1018W	NUMBER OF CREDITS: 4
STUDY LEVEL: Bachelor	SEMESTER:4 (summer)
EXPECTED RESULTS: The aim of the course is to present the essence of education philosophy and especially of the culturology-oriented approach in the broader European context.	
THEME OUTLINE: Modern high school Russian studies in Slovakia Bologna process in the Slovak higher education European language competence system (A1 – C2)	

COURSE TITLE: Teaching and Methodic Communication 4	
COURSE CODE:52R1008ZY	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER:4 (summer)
EXPECTED RESULTS: The aim of the course is to analyse speech strategies as such and to practice their usage in teaching communication	
THEME OUTLINE: Explanatory speech strategy Tactics of notional categorization Tactics of image categorization Interpretative text and its structure	

Department of Biology and Ecology

COURSE TITLE: Zoology II	
COURSE CODE: KBE/02B4008W/17	NUMBER OF CREDITS: 6
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
<p>EXPECTED RESULTS: The aim of the course is to provide students with theoretical information about phylogenetical status of all groups of Deuterostomes. Students should be able to characterise all groups of Chordates and should know the relations between them. Students should be able to determine most of the Vertebrate species living in Slovakia and should know basic methods of observation, trapping and manipulation with these animals.</p>	
<p>THEME OUTLINE: Evolution of the Deuterostome group and the differences between Protostomes and Deuterostomes. Evolution of Chordates and the relations between particular groups. Evolution of Vertebrates and the relations between particular groups. Evolution of the Tetrapodes and the first terrestrial Vertebrates. Evolution of the Amniotes and the definitive colonization of dry land</p>	

COURSE TITLE: Environmental education	
COURSE CODE: 52B1029Y/15	NUMBER OF CREDITS: 1
STUDY LEVEL: Master	SEMESTER: 4 (summer)
<p>EXPECTED RESULTS: The aim of the study is environmental education. Students will learn to facilitate by suitable methods information on the environment for different pupils and students.</p>	
<p>THEME OUTLINE: ABC of the environmental education. Methods in the environmental education. Holistic admission in the environmental education. Implementation of the environmental education into integral themes. Dialog with the nature – responsible private admission everyone to the nature and environment. Environment and statutes. Nature in the surroundings – recognition of the minerals and plants. Nature in the surroundings – recognition of the animals. Relationships among plants and animals on model ecosystems (forest, meadow, marshland, urbanistic environment).</p>	

COURSE TITLE: BOTANY II.	
COURSE CODE: 52B1006W/15	NUMBER OF CREDITS: 5
STUDY LEVEL: BACHELOR	SEMESTER: 4 (summer)
EXPECTED RESULTS: Student knows about the hierarchical classification system of vascular plants. The student knows the main diagnostic features of selected plants.	
THEME OUTLINE: Subject, content and history of plant taxonomy Approaches to biological classification Botanical nomenclature (Botanical Nomenclature Code) Classification system of spore vascular plants Classification system of Gymnospermae (Pinophyta) Classification system of Angiospermae Classification system of Basal angiosperms Classification system of Magnoliids Classification system of Independent lineage: unplaced to more inclusive clade Classification system of Monocots Classification system of Eudicots Classification system of Superrosids Classification system of Superasterids	

COURSE TITLE: Molecular biology and genetics	
COURSE CODE: KBE/52B1007W/15	NUMBER OF CREDITS: 3
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS: The aim of the course is to provide students with a general overview of the basic themes and issues in informative biomacromolecules, genetic expression and overall inheritance mechanisms and principles.	
THEME OUTLINE: The beginnings of molecular biology The structure of DNA, Genome organization from nucleotides to chromatin From gene to protein, principles of genetic expression Transcription in prokaryotes and eukaryotes, posttranscriptional RNA processing The mechanism of translation and DNA replication in prokaryotes and eukaryotes Genetically modified organisms, DNA repair and recombination Basic principles how traits are transmitted, Mendel's principles of heredity Autosomal and gonosomal inheritance principles Genotypic interactions Linkage, recombination, and the mapping of genes on chromosomes Population genetics, Evolutionary genetics	

COURSE TITLE: Environmental chemistry	
COURSE CODE: KKBE/52B1018Y/15BE/	NUMBER OF CREDITS: 2
STUDY LEVEL: Master	SEMESTER: 2 (summer)
EXPECTED RESULTS: The student is able to critically handle the theoretical background of applied chemistry to life environment. He can realize, monitor and analyse the quality of the monitored region indicators for selected environmental compartments and evaluate the indicators set quality of surface waters	
THEME OUTLINE: Importance of environmental chemistry Chemistry of the natural processes in the biosphere, in the atmosphere, in the lithosphere and in the hydrosphere Air, water, and soil pollution and their effects Analyses of sources of chemical substances as contaminants and pollutants in soil and water Human health risk assessment Ecological risk assessment Biological treatment of pollutants and wastes, radiation based processes Removal of pollutants from wastewater	

COURSE TITLE: Lingua Latina for biology	
COURSE CODE: KBE/52B1003Y/15	NUMBER OF CREDITS: 1
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
EXPECTED RESULTS: The study is offering the fundamentals of the Latin language, to gain the knowledges of Latin and Greek words, which are used in classification especially in binomial classification and the terminology used in morphology and anatomy of the living things, plants and animals.	
THEME OUTLINE: Introduction to Lingua Latina, the history. The spelling pronunciation of the Latina alphabet. The basic of the grammar: substantives and adjectives, the Latin numerals. Using Latina word in general language: difficult, abstract words that come from the Latin word: mors, university... Using prefixes and suffixes, helping to understand unfamiliar words, used as biology terms: dia=across e.g. diaphragm, chloros=green, e.g. chlorophyll,	

Department of Geography

COURSE TITLE: PHYSICAL GEOGRAPHY 4	
COURSE CODE: 52G1010W	NUMBER OF CREDITS: 4
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS: The aim of the course is to introduce basic concepts of pedogeography and biogeography, focusing on understanding of soil formation within other natural components and factors of spatial distribution of plants and animals in the world.	
THEME OUTLINE: <ol style="list-style-type: none"> 1. Pedogeography: definition and its place within natural sciences. 2. Soil: definition, soil formation conditions and processes. 3. Soil types in Slovakia and in the world. 4. Vertical soil type zonation in Slovakia. 5. Horizontal soil type zonation in the world. 6. Soil erosion and conservation. 7. Biogeography: definition and its place within natural sciences. 8. Spatial distribution of flora and fauna in Slovakia and in the world. 9. Ecosystems of various geographical scales. 10. Nature protection, protected areas in Slovakia and in the world. 	

COURSE TITLE: FIELD TRIP FROM THE PHYSICAL AND HUMAN GEOGRAPHY 1	
COURSE CODE: 52G1006W	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
EXPECTED RESULTS: The aim of the course is (during the 3-day excursion) to introduce basic information of natural and cultural specifics of Slovakia on particular visited study sites.	
THEME OUTLINE: <ol style="list-style-type: none"> 1. Slovakia: natural and cultural specifics. 2. Geological zones of Slovakia: Flysch and Klippen belt landscape. 3. Geological zones of Slovakia: Inner Carpathians mountains and basins. 4. Geological zones of Slovakia: Neogene basins and Quaternary formations. 5. Past and current geomorphic processes: glacial, fluvial and karst processes. 6. Past and current geomorphic processes: slope and human-induced processes. 7. Climate, waters and soils of Slovakia and their specifics. 8. National parks, Natural monuments. 9. Archeological sites, Historical monuments. 10. Localization factors of the economy on selected examples. 	

COURSE TITLE: POLITICAL GEOGRAPHY	
COURSE CODE: 02G2010Y	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS: The aim of the course is to introduce basic concepts of political geography focusing on understanding of geopolitical development in the world.	
THEME OUTLINE: <ol style="list-style-type: none"> 1. State. 2. Borders. 3. Geopolitical theories. 4. Colonization. 5. Decolonization. 6. Geopolitics in Central Europe. 7. Geopolitics of Great Britain. 8. Geopolitics of Russia. 9. Geopolitics of the USA. 10. Geopolitics of China. 	

COURSE TITLE: FIELD TRIP FROM THE PHYSICAL AND HUMAN GEOGRAPHY 2	
COURSE CODE: 52G1012W	NUMBER OF CREDITS: 3
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS: The aim of the course is (during the 6-day excursion) to introduce main types of natural and cultural landscape of Slovakia on particular visited examples.	
THEME OUTLINE: <ol style="list-style-type: none"> 1. Slovakia: geographical characteristics as a complex. 2. Geology and geomorphology of Slovakia on regional examples. 3. Climate, hydrology and soils of Slovakia on regional examples. 4. Flora and fauna of Slovakia on regional examples. 5. Nature and landscape protection in Slovakia on regional examples. 6. Natural hazards in Slovakia on regional examples. 7. Demogeography of Slovakia on regional examples. 8. Agriculture of the selected regions of Slovakia. 9. Industry of the selected regions of Slovakia within the international context. 10. Tourism potential of the Slovak regions. 	

COURSE TITLE: QUANTITATIVE METHODS IN GEOGRAPHY	
COURSE CODE: 52G1002Y	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
EXPECTED RESULTS: The aim of the course is to introduce the basics of quantitative methods used in geography.	

THEME OUTLINE:

Data. Population versus sample. Variable. Data types according to the scale of measurement: qualitative (dichotomic; polytomic) and quantitative (ordinal; metric, i. e. interval and ratio). Tables, graphs, thematic maps. Descriptive statistics: measures of central tendency, measures of variability, distributions, intervals. Relationships (correlations and associations). Idiographic versus nomothetic approach in knowledge acquisition in geography. Brief development of geography thinking. Structure of geographic sphere (landscape). System of geographic disciplines. Spatial and synthetic aspect in geography. The first law of geography. Spatial autocorrelation. Friction of distance. Distance decay effect.

COURSE TITLE: HUMAN GEOGRAPHY SYNTHESIS**COURSE CODE:** 02G2019Y**NUMBER OF CREDITS:** 2**STUDY LEVEL:** Bachelor**SEMESTER:** 6 (summer)**EXPECTED RESULTS:** The aim of the course is to introduce the basics of human geography synthesis.**THEME OUTLINE:**

Regions and regional taxonomy: concepts, approaches, applications.

Logical rules in classification and regional taxonomy.

Formal regions and functional regions.

Synthesis aspect (vertical relationships) and spatial aspect (horizontal relationships) of human geography study in synthesis.

Dimensions of landscape and society in synthesis assessment of spatial differentiation.

Scale in human geography synthesis (local through global).

Standardization methods in synthesis (rank, score, z-score).

Types of regional synthesis.

COURSE TITLE: FIELD TRIP FROM THE REGIONAL GEOGRAPHY OF SLOVAKIA**COURSE CODE:** 52G1025W**NUMBER OF CREDITS:** 3**STUDY LEVEL:** Master**SEMESTER:** 2 (summer)**EXPECTED RESULTS:** The aim of the course is (during the 6-day excursion) to introduce natural and cultural specifics of the Slovak landscape on regional scale.**THEME OUTLINE:**

1. Slovakia: general natural and cultural conditions.

2. Geological and geomorphological specifics of Slovak mountains, basins and lowlands.

3. Climate specifics of Slovak regions, air pollution problems.

4. Surface waters of Slovakia: potential and risks as pollution or floods.

5. Underground waters of Slovakia: a great potential of thermal and mineral waters.

6. Nature and landscape protection of Slovakia: large-scale areas and monuments.

7. Well-known archeological sites of Slovakia within international context.

8. Historical sites and monuments of Slovakia.
9. Changing agriculture and industry of Slovakia within international context.
10. Local landscape and its hidden tourism potential.

COURSE TITLE: REGIONAL GEOGRAPHY OF THE WORLD 2	
COURSE CODE: 52G1024W	NUMBER OF CREDITS: 2
STUDY LEVEL: Master	SEMESTER: 2 (summer)
EXPECTED RESULTS: The aim of the course is to provide a complex geographical characteristics of Africa and America focusing on developmental trends and relations between regions.	
THEME OUTLINE:	
<ol style="list-style-type: none"> 1. Africa: general geographical characteristics. 2. North Africa. 3. Western Africa. 4. Eastern Africa. 5. South Africa. 6. America: general geographical characteristics. 7. USA. 8. Canada. 9. Central America. 10. Brazil. 11. Laplat region. 12. Andean region. 	

Department of Chemistry

COURSE TITLE: Chemical bond theory	
COURSE CODE: 52C1008W	NUMBER OF CREDITS: 3
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
<p>EXPECTED RESULTS: Students will be able to understand the relationships between chemical bonding, structure, properties and reactivity of inorganic compounds. They are able to elucidate the electron configuration and then discuss its relationship to the chemical bonds of inorganic compounds, to explain current theories of chemical bonds, to characterize and determine the different types of bonds.</p>	
<p>THEME OUTLINE:</p> <ol style="list-style-type: none"> 1. Development of the concept of chemical bond, quantum-mechanical theory of chemical bonding. 2. Formation of covalent bond by overlapping atomic orbitals, properties. 3. Sigma and pi binding. 4. Lewis theory, coordination covalent bond. 5. Characterization of covalent bond in hydrogen molecule. 6. Polar binding, electronegativity. 7. The theory of VSEPR. 8. Fundamentals of molecular orbitals theory, formation of molecular orbitals, types of MO. 9. Theory of hybridization. 10. Binding in ionic compounds, character of bond in ionic compounds, properties of ionic compounds. 11. Intermolecular attractive forces, van der Waals forces, hydrogen bonds. 12. Binding in metals, character of bond in metals, prerequisites for electric current. 	

COURSE TITLE: Chemical Calculations 2	
COURSE CODE: 52C1007Y	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
<p>EXPECTED RESULTS: Expand students' knowledge in chemical calculations by applying basic relationships to analytical chemistry to get the skills they need for their specialization and for practical use in a chemical laboratory (especially in analytical chemistry). Students are able to realize practically calculations from chemical equations, calculations needed for measuring - standardization, determination of substances, chemical equilibrium, reactions with gases, pH calculations, solubility product. They apply the calculations needed for practical quantitative determinations in the laboratory - gravimetric, volumetric.</p>	

THEME OUTLINE:

1. Basic calculations in analytical chemistry (solution composition, chemical equilibrium).
2. Calculations in solving stoichiometric problems.
3. Calculations for neutralization volumetric determinations.
4. Calculations for redox volumetric determinations.
5. Calculations for volumetric precipitation measurements.
6. Calculations in measuring and complexometric measurements.
7. Gravimetric determinations - direct, indirect.
8. Gases - basic laws of ideal gas, mixture of ideal gases.
9. Calculations from chemical equations with gases.
10. Calculations of pH, solubility products.
11. Correctness and Accuracy of Chemical Measurement of Error Distribution.
12. Utilization of statistics in chemistry.

Department of Computer Science

COURSE TITLE: Programming Practice 2	
COURSE CODE:	NUMBER OF CREDITS:2,2
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
EXPECTED RESULTS: The aim of the course is provide to students with more extensive experience and knowledge of programming language from Programming 2 course.	
THEME OUTLINE: Standard units Work with files Sort algorithms Local and recursive functions Pointers Queue, Stack, Tree Theory of graphs	

COURSE TITLE: Programming 2	
COURSE CODE:	NUMBER OF CREDITS:2,3
STUDY LEVEL: Bachelor	SEMESTER:2 (summer)
EXPECTED RESULTS: The aim of the course is provide to students with more extensive experience and knowledge of more complex programming techniques in programming language.	
THEME OUTLINE: Standard units Work with files Sort algorithms Local and recursive functions Pointers Queue, Stack, Tree Graphic user interface	

COURSE TITLE: Didactics of Computer Science 2	
COURSE CODE: 52I2031W	NUMBER OF CREDITS: 1,2
STUDY LEVEL: Master	SEMESTER: 2 (summer)
EXPECTED RESULTS: The aim of the course is to expand the knowledge of students about the role of ICT in education	
THEME OUTLINE:	

1. Introduction information, evaluation criteria
2. Computer games
3. Social aspects of computer science
4. Internet addiction
5. ICT in education
6. Ethics in computer world
7. Risks of ICT – malware, cyber crime
8. Children programming language
9. Algorithmization and structural programming
10. Multimedia in education

COURSE TITLE: Artificial Intelligence and Neural Networks 2	
COURSE CODE:	NUMBER OF CREDITS: 3,6
STUDY LEVEL: Master	SEMESTER: 2 (summer)
EXPECTED RESULTS: The aim of the course is to master the basics of artificial intelligence and its use for solving complex problems. Prerequisites of the course include the courses of Programming languages, mathematics and mathematical logic.	
THEME OUTLINE: The concept of artificial intelligence Problem solving Searching – uninformed and informed Logical reasoning Planning Machine learning Decision making Evolutionary and genetic algorithms Knowledge systems Uncertainty Fuzzy systems	

COURSE TITLE: Web Design 2	
COURSE CODE:	NUMBER OF CREDITS: 3
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS: The aim of the course is: - to familiarize students with the PHP language and use it to create dynamic web portals using the latest programming techniques and tools - manage the design and creation of web design using PHP, MySQL, HTML5, CSS3, BOOTSTRAP - design, program and publish a modern web application using the above mentioned languages and	

tools.

THEME OUTLINE:

1. Static vs. dynamic web
2. Design and programming of dynamic web portals using PHP, MySQL, HTML5 and CSS3
3. XAMPP (APACHE + PHP + MySQL) vs. VISUAL STUDIO
4. Basics of PHP and work with database
5. Variables, constants, forms and functions
6. Working with files, JSON, XML
7. Possibilities of page design editing
8. Teamwork (GitHub)
9. Publishing and updating real-time web portals (AZURE)
10. Practical development of the web App in the team

COURSE TITLE: Database systems	
COURSE CODE:	NUMBER OF CREDITS:2,3
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS: The aim of the course is provide to students with basic concepts in the field of database technologies, SQL query language and administration database server, modern database technologies and data warehouses.	
THEME OUTLINE: Basic concepts of database systems and their existing architectures SQL commands and their use Data types in DB systems, entity-relational data model Traditional and special set operations in DBS Aggregation functions Access rights in DBS, stored procedures, triggers OLTP and OLAP technology, Data warehouses, methods of their construction.	

COURSE TITLE: Computer Networks 2	
COURSE CODE:	NUMBER OF CREDITS: 2,3
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS: The aim of the course is to master the basics of building, settings and operating TCP / IP based local and large-scale computer networks. Prerequisites of the course include the courses of Computer networks 1.	
THEME OUTLINE: Passive network elements - cables, connectors, sockets	

Active network elements - switch, router, bridge
 TCP / IP protocol, IP address range calculation, mask, gateway, DNS, DHCP
 Network testing commands
 Connecting computers
 Device interface configuration
 Network connection and setup
 Static routing configuration
 Remote access, SSH and Telnet configuration
 Building a corporate network
 Share files on your system

COURSE TITLE: Programming languages 4 (C++ language)	
COURSE CODE:	NUMBER OF CREDITS: 2,3
STUDY LEVEL: Bachelor	SEMESTER: 6 (summer)
EXPECTED RESULTS: The aim of the course is to master the principles of programming in C++ language and object orienting programming(OOP). Prerequisites of the course include the courses Programming languages 3.	
THEME OUTLINE: Introduction to OOP - encapsulation, inheritance, polymorphism. Classes, instances, objects. Methods. Static members. Constructors, destructors. Access to members -private, public, protected. Multiple inheritance. Virtual functions and polymorphism. Abstract classes and functions. Memory management, operators new and delete.	

Department of Pre-school and Elementary Education of Socially Disadvantaged Groups – Institute Juraja Palesa in town Levoča

COURSE TITLE: The Basics of Fine Art Education 1	
COURSE CODE: 52E1008W	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
<p>EXPECTED RESULTS: The aim of the course is to know and understand theoretical background of fine art education regarded pre-primary education. A student is able to orientate in the space of children's artistic expression and to understand the important knowledge of fine art education in theoretical and practical context. A student is able to apply the theoretical knowledge in practice, to create a concrete projects in experiential pedagogy, to creatively use individual art techniques and practices, to find out more effective forms of fine art education.</p>	
<p>THEME OUTLINE:</p> <p>The content of fine art education in pre-primary education (aims, educational process, evaluation of children in fine art education).</p> <p>Didactic methods in fine art education.</p> <p>Didactic principles in fine art education.</p> <p>Application of didactic principles in fine art education.</p> <p>Forms and means in fine art education.</p> <p>Motivation in fine art education.</p> <p>Creativity in fine art education.</p> <p>Children's artistic expression.</p> <p>Characteristic features of children's drawing.</p> <p>Kinds of children's drawing.</p> <p>Development stages of children's drawing.</p> <p>Evaluation of children's artistic expression.</p>	

COURSE TITLE: Foreign language 2	
COURSE CODE: 52E2006Y/15	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
<p>EXPECTED RESULTS: The main objectives are to develop effective and confident communication in English and strengthen grammar knowledge and skills.</p>	
<p>THEME OUTLINE:</p> <p>1. Morphology: Determinatives. Pronouns. Verbs - Tense and Voice.</p> <p>2. Conversation topics: Travelling. Education. Jobs. Health Care. Writing Letters. Phone Calls.</p>	

COURSE TITLE: Foreign language 2	
COURSE CODE: 52E21002Y	NUMBER OF CREDITS: 3
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
EXPECTED RESULTS: The main objectives are to develop effective and confident communication in English and strengthen grammar knowledge and skills.	
THEME OUTLINE:	
1. Morphology: Determinatives. Pronouns. Verbs - Tense and Voice.	
2. Conversation topics: Travelling. Education. Jobs. Health Care. Writing Letters. Phone Calls.	

COURSE TITLE: Natural science and social pre-primary and extra-curricular education	
COURSE CODE: 52E1019W	NUMBER OF CREDITS: 4
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS: The aim of the course is to know and understand theoretical background of natural science and social pre-primary and extra-curricular education in the form of various educational philosophies, approaches and methods. A student knows the conception and perspectives of natural science and social recognition. A student knows, analyzes and evaluates the possibilities of developing the cultural and science literacy as well as the didactic strategies in their developing in individual corresponding institutions. A student is able to analyze various approaches in solving the natural and social issues in the context of pre-primary and extra-curricular education. A student is able to project, plan and create educational programme in nursery school as well as a plan of interest activities in children's school club regarded the content of natural science and social science.	
THEME OUTLINE:	
Natural science and social education and recognition in nursery school and children's school club. Importance, content and aim of natural science and social education according to actual curricular documents.	
Cultural literacy. Science literacy.	
Constructivist approach in natural science and social pre-primary and extra-curricular education.	
Activating didactic methods in natural science and social education.	
A play and its importance in natural science and social pre-primary and extra-curricular education.	
Inquiry-based methods in recognition of natural and socio-cultural environment.	
Experiments and observations in nursery school and children's school club.	
Organisation forms in the process of natural science and social education, outing, excursion and work with natural material.	

Didactic means in natural science and social pre-primary and extra-curricular education. The creation of own teaching aids.

The personality of a teacher in nursery school and an educator in children's school club, his/her competence in the field of natural science and social education.

Natural science and social interest activity.

COURSE TITLE: Technical pre-primary and extra-curricular education	
COURSE CODE: 52E1013W	NUMBER OF CREDITS: 4
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS: The aim of the course is to acquire the progressive theories of education in technical education as well as the direction of educational process in nursery school and children's school club. Education is focused on the finding out the suitable methods and approaches leading to developing the children's technical creativity and support of their technical interests. A student understands the strategy of solving the technical problems. He/she is able to propose the possibilities of creative approach in using technical materials. He/she is able to apply the knowledge of technical construction. He/she is able to plan and realize process of technical education in nursery school and children's school club. He/she is able to create the plan of education in nursery school with using of technical materials, and the plan of technical interest activities in children's school club. A student knows and is able to apply the theory of diagnosing and evaluation in technical education. He/she knows the principles of creation and presentation of projects.	
THEME OUTLINE: The importance of the subject. Requirements. Criteria for ongoing and final evaluation. Selection and combination of small material. Characteristics of small material. Exploration of properties of small material. Exploration of possibilities of using small material in a creative way. Modeling material and its using in technical education for developing the children's technical creativity. Exploration of possibilities of using modeling material in a creative way. Creative activities with paper (origami, kirigami, space cutters, moving paper toys, creation of decorative packages, creation of paper greetings...). Paper and carton as technical material – exploration of properties and the possibilities of their using. Textile and children's skill and creativity. Understanding the properties, manufacturing and possibilities of using selected kinds of textile. Activities with textile material. Creative using of textile. Creation with wood. Recognition of wood as technical material. The possibilities of woodworking and the using of wood. Exploration of properties of wood. Acquiring the basic skills of woodworking. Developing the technical creativity in woodworking. Plastics as a mean of developing the technical creativity. Types and properties of plastics. Using of plastics. Exploration of properties of plastics. The possibilities of creative using of plastics	

waste.

The basics of construction. Technical creativity and contrivance of children in construction of various objects.

Using of folk traditions in technical education and their figuration into symbolic forms in nursery school and extra-curricular activities with children.

Planning and direction of education in nursery school and children's school club regarded technical education.

Pedagogical diagnosing and evaluation in technical education.

Creation and presentation of projects.

COURSE TITLE: Language and literary literacy 2	
COURSE CODE: 52E2008W	NUMBER OF CREDITS: 4
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS:	
Subject of discipline: To record and evaluate the origin, development, individual stages of literature for children and youth and its artistic constitution with a focus on some theoretical, historical and critical issues in selected Works of authors of world and Slovak literature for children and youth. Theoretical knowledge: To define the basis concepts and categories of literature for children and youth, to look at literary Works with Roma themes in the context of world and Slovak literature, taking into account the authors of Roma and non-Roma authors, to analyze the perspectives lives of Roma literary development.	
Practical skills: Demonstrate development trends in the development of literature for children and youth with special regard to literature for Roma children as well as its critical artistic grasp.	
THEME OUTLINE:	
Intentional and nonintentional literature for children and youth. Subsystem of this literature in the system of national literature, aesthetics, children's aspect. Communication model of literature for children and youth. Folk literature, its specifics, existence within folklore. Genres of folk literature, children's folklore. World literature in fairy tale. Literary works of non Roma in a particular historical period. Present Slovak and Czech literature for youth. Basis them and categories. Roma topics in World Literature. Trends in the development of this literature and its use in education. Perspectives of Roma Literature Development. (Cervantes, Hugo, Puškin, Gorkij, K. H. Mácha, Z. Šmíd, I. Krasko, L. Ťažký, J. Balco, D. Hivešová-Šilanová, B. Vargová)	

COURSE TITLE: Гра на музичному інструменті	
COURSE CODE: KSLE/52K1003Y/15	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
EXPECTED RESULTS: Студент повинен знати: Класифікацію різних інструментів; загальний огляд історичного розвитку інструментів;	

<p>володіти нотацією, питаннями посадки, постановки рук; мати слухові, ритмічні, ігрові навички.</p> <p>Мати поняття про виконавську інтерпретацію музичного твору, жанрову різноманітність музичного твору, про виконавські засоби музичної виразності: мелодія, гармонія, фразування, динаміка, артикуляція, звуковидобування.</p>
<p>THEME OUTLINE:</p> <p>Ознайомити студентів з основними принципами та методами музичної педагогіки; надати основи наукових та методичних засад викладання музичного інструмента; дати характеристику різним видам музичних інструментів - ударні, духові, струнні, клавішні, клавішно-язичкові.</p> <p>Сформувати готовність майбутніх педагогів до самостійної роботи з активізації процесу музично-естетичного виховання з метою підвищення рівня їх художньої освіти.</p> <p>Підготувати майбутніх фахівців до кваліфікованого керівництва музичним вихованням у процесі навчання гри на музичному інструменті.</p> <p>У результаті вивчення навчального курсу студент повинен</p> <p>знати: основні дидактичні принципи музичної педагогіки; загальні методи роботи на різних інструментах.</p> <p>вміти: наочно показати вміння та навички, розповісти про методи подолання технічних труднощів на інструменті, знайти шляхи реалізації задуму музичного твору.</p>

COURSE TITLE: Музичне виховання і музикотерапія	
COURSE CODE: KLPG / 02L3057Y/ 12	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER: 6 (summer)
<p>EXPECTED RESULTS: Студент має засвоїти функцію і роль музичної культури у вихованні людини, а також розуміти її як важливий чинник у системі оздоровлення й лікування людини.</p> <p>Студент має знати :</p> <p>загальні історичні етапи розвитку музики, як засобу оздоровлення людини; загальні основи теорії музичного мистецтва, теорії та методики музичного виховання, закономірності музичного розвитку, володіти відповідними науково-теоретичними поняттями; сучасну систему музичного виховання, спрямовану на емоційний і пізнавальний процес розвитку людини, з метою її оздоровлення; володіти навичками та творчими уміннями в організації процесу музикотерапії .</p>	
<p>THEME OUTLINE:</p> <p>це цілеспрямоване формування особистості дією музичного мистецтва, формування інтересів, потреб, здібностей, естетичного ставлення до музики. Мистецтво – це предмет, який ставить за мету всебічно відчувати довколишній світ і себе у цьому світі, емоційно його переживати й усвідомлювати себе як частинку цілого. Віддавна мистецтво, окрім естетичної функції, було прекрасним лікувальним засобом для людини.</p> <p>Ефективною лікувальною формою, спрямованою на збереження й підтримку здоров'я є</p>	

музикотерапія. Музикотерапія (музична терапія) – це процес спілкування, у якому кваліфікований музикотерапевт використовує музику та всі сторони її впливу – фізичну, емоційну, інтелектуальну, соціальну, естетичну і духовну – з метою покращення чи збереження здоров'я. За допомогою таких музичних практик, як вільна імпровізація, спів, композиція, слухання, обговорення музики чи рух під музику, музикотерапевт допомагає у досягненні ряду терапевтичних цілей: активізувати пізнавальні процеси, моторику, емоційний розвиток, набути комунікативні навички тощо.

Ключові слова: музикотерапія, фольклор, виховання, здоров'я, музика, методи музикотерапії.

Department of Social Work

COURSE TITLE: Sociology	
COURSE CODE:	NUMBER OF CREDITS:
STUDY LEVEL: Bachelor	SEMESTER:
EXPECTED RESULTS: Student will receive an overview of the basic sociological concepts and information about current state of sociological knowledge.	
THEME OUTLINE: 1. Place of Sociology in the social sciences, the subject, the nature and the division of Sociology. 2. Development of Sociology and its current major theories. 3. Social interaction, types of social interaction. 4. Communication as a basis for social interaction, social relationships, social networks. 5. Culture and its basic components, the importance of culture in human life, cultural ethnocentrism and cultural relativism. 6. Standards and patterns of behavior. 7. Society, typology of society, the world community. 8. Social status, social role and social institution as key elements in the social structure. 9. Socialization, primary and secondary socialization, resocialization. Sociological theories of socialization. 10. Conformity, non-conformity and deviant behavior, sociological theory of conformal and non-conformal behavior. 11. Social control, sanctions. 12. Social group, social organization.	

COURSE TITLE: Social counseling 5	
COURSE CODE:	NUMBER OF CREDITS:
STUDY LEVEL:	SEMESTER:
EXPECTED RESULTS: The goal of the subject is to introduce to students the problems of career counseling for the different target groups. The aim is also to introduce to students the informational resources in career counseling.	
THEME OUTLINE: 1. Career and career development. 2. Career counseling, career counselor. 3. Development of career counseling. 4. Theories in career counseling. 5. Entities in career counseling in Slovakia. 6. Career counseling for students. 7. Career counseling for adults. 8. Intersections of the career counseling and social work. 9. Useful tools and information sources. 10. Methods for career counseling.	

COURSE TITLE: Social Work With groups
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COURSE CODE:	NUMBER OF CREDITS:
STUDY LEVEL:	SEMESTER:
EXPECTED RESULTS: After the course students will gain information about: the principles of creation, the development and the possibility of forming a social group of clients, the basic structure and content of work with the group, the group leader functions and capabilities. They will know the aims, methodology, and conditions of applying methods of work with social group; they will have knowledge about applying selected methods of work with group in practice.	
THEME OUTLINE: Social work with a group, social group of the clients, dynamics of a group, its importance for working in a group, the group dynamics factors, esp. in the group roles, development of a group as an important factor in group dynamics and its role in work with a group of clients, the structure and content of the work in a group, the elements of working in the group - psychological and social stabilization of the clients, self-recognition, self-reflection and self-development, activation, motivation of clients in the group, closure of work with group – plan, transfer, evaluation, methods of work with social groups (directive and participative), definition, principles of use, conditions, risks, benefits and limits of applying individual methods of work practice of selected methods of working with a group of clients.	

COURSE TITLE: Crisis intervention	
COURSE CODE: 52S1028Y	NUMBER OF CREDITS: 4
STUDY LEVEL: Bachelor	SEMESTER: 2 nd
EXPECTED RESULTS: Students will gain theoretical knowledge of the areas focused on the elements of study plan (definition, characteristics, methods, forms ...) and specific application of crisis intervention in the target groups of social work.	

THEME OUTLINE:

1. Crisis - the general view, definitions, typology, causes of crisis.
2. Traumatic event - an individual experience of injury/trauma, group experience of injury.
3. Types of the life crisis.
4. Natural ways of dealing with the crisis - friends, family, self-help groups.
5. Crisis intervention as a form of professional help - definitions, assumptions and principles (according to law)
6. Crisis Intervention – phases and stages.
7. Crisis intervention via the phone.
8. Crisis caused by the sudden loss - material loss, loss of the relationship, emotional loss.
9. Social support.
10. Natural disasters and catastrophes - psychosocial intervention.
11. Ethics and crisis intervention.

COURSE TITLE: History of Social Work**COURSE CODE:****NUMBER OF CREDITS:****STUDY LEVEL:****SEMESTER:**

EXPECTED RESULTS: The goal of the course is to provide an overview of the historical development of social work from the simplest, i.e. spontaneous and unorganized forms of assistance through progressive institutionalization and professionalization till the present situation, which is perceived not only as profession, as well as an established scientific discipline.

THEME OUTLINE:

1. History, definition. Criticism of sources.
2. Narrower and wider understanding of the history of Social Work, history of helping.
3. The origins of solidarity. History of assistance. Social history in early religious nature nations.
4. History of Social Work of Ancient Mesopotamia and Ancient Egypt. History of Social Work in archaic Indo-Europeans. History of Social Work in Ancient Greece and Rome.
5. Helping in Buddhism, Judaism, Christianity and Islam.
6. History of Social Work in the Middle Ages. Religious Order.
7. The history of Social Work in Modern Age. 8. Modern History of Social Work.
9. History of Social work in Slovakia.
10. History of Social work according to target groups.
11. Development of social ideas and theories.
12. Development of Social Education.

COURSE TITLE: Target groups SW 2	
COURSE CODE:	NUMBER OF CREDITS:
STUDY LEVEL:	SEMESTER:
<p>EXPECTED RESULTS: Students will receive information about the issue of minorities, their structure, type, social context of traditional and emerging minorities in the Slovak Republic. They will be able to identify the basic attitude of the majority towards minorities and connection between these attitudes and social work. The lectures will also offer an overview of the international situation effecting the global refugee movements. Students also become acquainted with the process of providing asylum and the methods used by governmental bodies and non-governmental organizations providing care for refugees.</p>	
<p>THEME OUTLINE: Minority in social work. Ethnic group, nation, ethnic minorities. Ethnic minorities in Slovakia in the media. National, ethnic, racial, religious, sexual and other types of minorities. Approach to work with minorities. Human race, their brief characteristics. Stereotypes and prejudices. Xenophobia, racism, social distance. International security situation in the world and migratory movements. System of international security and national protection of asylum seekers in Slovakia. Asylum procedures and aspects of the integration process. International organizations and NGOs operating in the Slovak Republic. Social work with refugees.</p>	

COURSE TITLE: Coaching and mentoring	
COURSE CODE: 52S1010Y	NUMBER OF CREDITS: 4
STUDY LEVEL: Bachelor	SEMESTER: 4th
<p>EXPECTED RESULTS: The aim of the course is to identify a range of work-based contexts where coaching conversations and mentoring approach can add value:</p> <ul style="list-style-type: none"> - Social worker – client interactions - Achievement of outcomes, - Workplace relationships, - The process of changes. 	
<p>THEME OUTLINE: Mentoring in social work. Coaching, coaching principles. Types of coaching. Grow coaching model. Art coaching.</p>	

COURSE TITLE: The Catholic Social Teaching	
COURSE CODE:	NUMBER OF CREDITS:
STUDY LEVEL:	SEMESTER:
<p>EXPECTED RESULTS:</p> <p>The aim of the course is to become acquainted to the most important documents of the Catholic social teaching, in their historical forming, and to apply its principles, norms and practical regulations to the social politics and social life, with a specific emphasis on the actual teaching.</p>	
<p>THEME OUTLINE:</p> <p>Upon the definition of the Catholic Social Teaching</p> <p>Brief history – XIX century, the capital and labour problem, XX century, the Totalitarian regimes problem, Rules for peace in the World, Need for solidarity</p> <p>Actual Catholic Teaching – Social dimensions: Renewal of the Christian way of life, Social evangelisation, Integral care for our common home</p> <p>Dialogue between the Social Work and the Catholic Church in the field of social services and policy</p>	

Department of Management –Institute Stefana Nahalku in town Poprad

COURSE TITLE: Macroeconomics 1	
COURSE CODE: 52N1005W	NUMBER OF CREDITS: 6
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS	
<p>Macroeconomics is a branch of economics dealing with the performance, structure, behaviour, and decision-making of economy as a whole - includes regional, national, and global economies. Students will study aggregated indicators such as GDP, unemployment rates, national income, price indices and the interrelations among the different sectors of the economy to better understand how the whole economy function. The aim of the course is to understand basic macroeconomic processes and to apply equilibrium product models to explain the effects of fiscal and monetary policy.</p>	
THEME OUTLINE:	
<ul style="list-style-type: none"> • Macroeconomic concepts, goals and instruments. Macroeconomic policies and goals in practice. • Aggregate supply and demand – definition, curves. • Measuring national output and income – Gross National Product, two measures of national product: Goods-Flow and Earnings-Flow. • Consumption and Saving. The Determinants of Investment. • Fundamentals of Aggregate Supply and Demand. • Money and Commercial Banking. The Essence of Money and Interest Rates. • Central Banking and Monetary Policy. Fiscal Policy, Deficits and Government Debt. • Inflation and Unemployment. Sources of Inflation, Anti-Inflation Policy. • Issues in Economic Stabilization. Velocity and Monetarism. Rational Expectations in Macroeconomics. • International Trade and World Economy. 	

COURSE TITLE: Knowledge management	
COURSE CODE: 52N1000X	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER: 3
EXPECTED RESULTS:	
<p>The aim of the course is to use acquired knowledge in searching, critical evaluation and processing of relevant information, explicit and tacit knowledge. Students are able to analyse and understand the principles of value chain in the knowledge management process and the differences between explicit and tacit knowledge. Students are able to apply the theory of knowledge management system within an organization, thinking in contexts and using of</p>	

knowledge management in the organisation for strategic decision, marketing, innovation and creation of competitive advantages.

THEME OUTLINE:

- Terminology of knowledge management.
- Formation and main phases of knowledge management development.
- Value chain in the knowledge management process - data, information, knowledge, wisdom.
- Knowledge management in the context of human management and corporate culture.
- Knowledge management in the context of Corporate Social responsibility (CSR) and of model excellence EFQM (European Foundation of Quality Management).
- Knowledge management in the context of well-being concept (quality of life indicator).
- Implementation of knowledge management system and knowledge transfer within an organization.
- Explicit and tacit knowledge.
- Use of knowledge management in the organisation for: strategic decision, marketing, innovation and creating of competitive advantages.

Department of Curative pedagogy - Institute Juraja Palesa in town Levoča

COURSE TITLE: Child Psychology	
COURSE CODE: 02S 2008W	NUMBER OF CREDITS: 3
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
EXPECTED RESULTS: To acquaint students with a complex of knowledge concerning the development of man's psyche, to present psychological characteristic of individual developmental periods of a child and to show the possibilities its utilization in practise of a teacher.	
THEME OUTLINE:	
<ol style="list-style-type: none"> 1. Point and the content of a Child Psychology 2. Developmental models and law patterns of developmental changes. 3. The most famous theories of a child development.. 4. Piaget's theory of the development of cognitive processes. 5. Methods of research of a child. 6. Perception and its development. 7. Intelligence and its development. 8. Social development of a child – three main factors. 9. The development of a child language. 10. Characteristic signs of a child psyche. 11. Development of a child painting. 12. Development of a child game, theories of a game. 13. The most frequent disorders in a child age. 14. Threat of a psychical development of a child. 	

COURSE TITLE: Social Psychology	
COURSE CODE: 02S 2021W	NUMBER OF CREDITS: 7
STUDY LEVEL: Bachelor	SEMESTER: 4 (summer)
EXPECTED RESULTS:	
<p>The aim of the course is to know and understand theoretical background of fine art education regarded pre-primary education. A student is able to orientate in the space of children's artistic expression and to understand the important knowledge of fine art education in theoretical and practical context. A student is able to apply the theoretical knowledge in practice, to create a concrete projects in experiential pedagogy, to creatively use individual art techniques and practices, to find out more effective forms of fine art education.</p>	

THEME OUTLINE:

The content of fine art education in pre-primary education (aims, educational process, evaluation of children in fine art education).

Didactic methods in fine art education.

Didactic principles in fine art education.

Application of didactic principles in fine art education.

Forms and means in fine art education.

Motivation in fine art education.

Creativity in fine art education.

Children's artistic expression.

Characteristic features of children's drawing.

Kinds of children's drawing.

Development stages of children's drawing.

Evaluation of children's artistic expression.

Department of Special Pedagogy and Pedagogy of Mentally Disabled – Institute Juraja Palesa in town Levoča

COURSE TITLE: Special Didactics of the Educational Area Nature and Society	
COURSE CODE: 52P1030W	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
<p>EXPECTED RESULTS:</p> <p>A student has knowledge related to the content and procedural aspects of the teaching process of the school subjects Material Learning and Science about mother country (the parts of the educational area Nature and Society). He/she knows key competences of this educational area and he/she is able to apply them in educational process. He/she is able to use interdisciplinary relations and environmental education as cross-cutting themes for active protection and creation of the environment. He/she shows and applies obtained theoretical knowledge during the exercises, in the form of the written preparation for teaching, outputs and presentation by using of ICT. He/she connects the theory of educational process and practical activities.</p>	
<p>Theme outline:</p> <ol style="list-style-type: none"> 1. The subject, tasks, and goal of the special didactics of the educational area Nature and Society. 2. The specifics of the creation and adopting concepts, acquiring knowledge, and developing skills in school subjects Material Learning and Science about mother country. 3. The specifics of the process and content of teaching of the learners with mental disability in school subjects Material Learning and Science about mother country. 4. Didactic methods, principles and organization forms of education. 5. Didactic means and tools. 6. Methods of evaluation and classification. 7. Diagnostic and rehabilitation aspects of the school subjects Material Learning and Science about mother country of learners with mental handicap. 8. Textbooks, workbooks and methodical guide in the school subjects of the educational area Nature and Science. 9. Visual and demonstrative methods and means of their applying. 10. Teacher's preparation for lesson. 11. Interdisciplinary relations and possibilities of their using in teaching of school subjects Material Learning and Science about mother country. 12. Curriculum for special primary school. 	

COURSE TITLE: Special Didactics of the Educational Area Human and Nature	
COURSE CODE: 52K1037W	NUMBER OF CREDITS: 2
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
EXPECTED RESULTS:	
<p>The student shows his/her overview of the content and process aspects of the educational process of the school subjects Biology, Physics, and Chemistry (the parts of the educational area Human and Nature). He/she knows key competences of this educational area and he/she is able to apply them in educational process. He/she is able to use interdisciplinary relations and environmental education as cross-cutting themes for active protection and creation of the environment. He/she shows and applies obtained theoretical knowledge during the exercises, in the form of the written preparation for teaching, outputs and presentation by using of ICT. He/she connects the theory of educational process and practical activities.</p>	
Theme outline:	
<ol style="list-style-type: none"> 1. Construction and characteristics of the educational area Human and Nature in the framework teaching plans for learners with mental disabilities. 2. Importance, goals, and content of the school subjects Biology, Physics, and Chemistry. 3. Methods, principles, and forms of teaching. 4. Types of lessons. 5. Laboratory works in Chemistry and Physics – importance, teacher’s preparation, safety. 6. Didactic means and tools. 7. Methods of evaluation and classification. 8. Educational competence of science teacher and the preparation for teaching. 9. Environmental education as cross-cutting theme. 10. Protection and creation of environment, renewable energy sources. 	

COURSE TITLE: Alternatywne kierunki w pedagogice specjalnej	
COURSE CODE: 52K1041W	NUMBER OF CREDITS: 2
STUDY LEVEL: Master	SEMESTER: 2 (summer)
EXPECTED RESULTS: <i>Student zapoznaje się z alternatywnymi koncepcjami pedagogicznymi, określa ich pedagogiczno-psychologiczne założenia, opisuje organizację i metodykę nauczania. Jest ukierunkowany na obecny proces pedagogiczny w dziedzinie edukacji specjalnej - wyróżnia odpowiednie i korzystne podejście, twórczo stosuje je w praktyce. Student rozpoznaje podstawowe cechy wybranych szkół i ruchów alternatywnych. Student demonstruje twórcze zastosowanie wiedzy w procesie nauczania w specjalnych szkołach podstawowych.</i>	
THEME OUTLINE:	
<ol style="list-style-type: none"> 1. Termin szkoła alternatywna. 2. Rozwój i podział szkół alternatywnych. Konfrontacja klasycznej (specjalnej) szkoły z 	

alternatywną szkołą.

3. *Alternatywne szkoły pierwszej połowy XX wieku: szkoła Waldorfska, Szkoła Freineta.*
4. *Pedagogika M. Montessorii*
5. *Jeńska Szkoła, Daltońska Szkoła.*
6. *Alternatywne szkoły drugiej połowy XX wieku: ITV S.J. Kovalik, Rogers P-C-E, Otwarte nauczanie.*
7. *Pedagogika współpracy i inne alternatywne szkoły.*
8. *Edukacja kościelna i prywatna - jej jakość i skuteczność.*
9. *Edukacja alternatywna na Słowacji - jej zastosowanie w edukacji uczniów z niepełnosprawnościami intelektualnymi.*

COURSE TITLE: Czynnościowa terapia	
COURSE CODE: 52L1009Y	NUMBER OF CREDITS: 1
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
EXPECTED RESULTS: Zdobywanie wiedzy i umiejętności w zakresie terapii aktywnej i zajęciowej dla osób z wieloma niepełnosprawnościami, chorymi i upośledzonymi umysłowo.	
THEME OUTLINE: <ol style="list-style-type: none">1. Aktywna terapia w Terapii leczniczej.2. Wczesna interwencja i wspomaganie rozwoju.3. Zatrudnienie z perspektywy medycznej i pedagogicznej.4. Kształcenie zawodowe i zatrudnianie osób niepełnosprawnych.5. Aktywna terapia jako program leczenia.6. Terapia pracą.7. Opieka i zatrudnienie osób upośledzonych umysłowo i chorych psychicznie.8. Opieka i zatrudnianie dzieci autystycznych.9. Opieka i zatrudnienie osób niedowidzących.10. Opieka i zatrudnienie osób niedosłyszących.11. Opieka i zatrudnienie osób chorych neurologicznie i niepełnosprawnych.12. Korzystanie z aktywnej terapii w placówkach reedukacyjnych i edukacyjnych.	

COURSE TITLE: Terapie w pedagogice specjalnej	
COURSE CODE: 52K1007Y	NUMBER OF CREDITS: 1
STUDY LEVEL: Bachelor	SEMESTER: 2 (summer)
EXPECTED RESULTS: <p>Student zdobywa teoretyczną i praktyczną wiedzę na temat wykorzystania terapii w specjalnej praktyce pedagogicznej. Zapoznaje się z możliwością ich zastosowania w edukacji</p>	

osób z niepełnosprawnością intelektualną. Student zapoznaje się z krótkim przeglądem i podstawowymi informacjami o wybranych rodzajach terapii. Student zapoznaje się z różnymi rodzajami terapii stosowanymi u osób z upośledzeniem umysłowym. Realizuje praktyczną procedurę realizacji konkretnych terapii stosowanych w sferze pedagogiki specjalnej, czyli terapii ekspresyjnych.

THEME OUTLINE:

1. Muzykoterapia - podstawy teoretyczne, definicja celów, celów, zadań,
2. Zastosowanie muzykoterapii wśród dzieci i młodzieży z upośledzeniem umysłowym;
3. Czynnościowa terapia - podstawy teoretyczne, definicja celów, cele, zadania, zastosowanie;
4. Terapia skoncentrowana (psychomotoryczna) - podstawy teoretyczne, definicja pojęć, celów, zadań;
5. Zastosowanie terapii koncentracyjnej u dzieci i młodzieży z upośledzeniem umysłowym;
6. Psychoterapia - podstawy teoretyczne, definicja celów, cele, zadania, zastosowanie;
7. Hipoterapia - podstawy teoretyczne, definicja pojęcia, cele, zadania, zastosowanie;
8. Arteterapia - podstawy teoretyczne, definicja terminów, cele, zadania, zastosowanie;
9. Biblioterapia - podstawy teoretyczne, definicja terminów, cele, zadania, zastosowanie;
10. Terapia w grze - podstawy teoretyczne, definicja pojęć, celów, zadań;
11. Dramaterapia - podstawy teoretyczne, definicja pojęcia, cele, zadania,
12. Zastosowanie dramaterapii u dzieci i młodzieży z upośledzeniem umysłowym;
13. Podstawy dogoterapii, definicja terminów, cele, zadania, zastosowanie.