INTERNATIONAL UNIVERSITY
OF NOVI PAZAR
Specification of the subjects in English

**DEPARTMENT OF
PSYCHOLOGY AND PEDAGOGY:**
1.1. - Psychology
1.2. - Pedagogy for pre-school children
Specification of the subjects in English

1.1. PSYCHOLOGY STUDY PROGRAME

1.1.1. FIRST YEAR PSYCHOLOGY STUDY PROGRAME

The title of the course:
1.1.1.1. History of Development of Psychology

ECTS: 7

Objective of the course:
Introducing students to the historical development of psychological ideas to forming psychology as an independent science; Realizing the importance of philosophical thinking (rationalism, empiricism) and empirical methods; Introduction to psychological systems at the beginning of the 20th century. Introducing students to precursors of psychology as a science, first of all in philosophy starting from ancient times. Introducing the basic features of psychology from the moment it became a science, the main problems that psychologists dealt within various directions, as well as factors that are important for the development of psychology as a science.

Outcome of the course:
Student is able to: understand and nurture historicism in the approach to the study of psychology as a science; create comparison between different directions in psychology, primarily in terms of courses and methods; independently analyse literature, formulate basic ideas and give a critical review.

The title of the course:
1.1.1.2. Physiological Basics of Psychic Life

ECTS: 7

Objective of the course:
The main goal is for students of psychology to get to know the basic functional unit of the nervous system and the biophysical events on the extensible tissues, as well as the basic control and integrative systems of regulation of functions in the organism and maintenance of homeostasis, neural and humorous.

Outcome of the course:
Student able to: recognise the characteristics of basic neurophysiologic conditions; analyse phases of neuropsychological processes; connect the physiological function of the nervous system in a man with a method of controlling cells in some other biological systems; notice the connection of the structures of the nervous system with concrete functions.

The title of the course:
1.1.1.3. Sociology

ECTS: 6

The objective of the course: Introduction to students with the basic sociological problems of contemporary society and acquiring the necessary knowledge on the social aspects of education,

its social role and the conditions in which it is realized. Acquiring knowledge in terms of differentiation of different theoretical orientations.

The outcome of the course: Student is able to: Select knowledge about society, social institutions and conditions in which education and upbringing of young people takes place; apply and use knowledge in practice; takes a critical distance towards different social phenomena and processes.

The title of the course title:

1.1.1.4. The Basis of Informatics

ECTS: 6

The objective of the course: Introduction to students with basic concepts in informatics, as well as with the importance of informatics for modern business. Developing practical skills in the use of software tools that students will use during college education.

The outcome of the course: Students' are able to use programs for word processing, tabulation, presentations, and internet search.

The title of the course:

1.1.1.5. English Language 1

ECTS: 4

The objective of the course: Systematic improvement of communicative competence of students. Developing awareness of inter-lingual, interlinguistic and cultural differences and the need for their respect for the purpose of effective communication.

The outcome of the course: At the Pre-Intermediate level, students understand texts for listening and written texts, leading dialogues (introduction, terms related to time, direction, shopping, doctors, telephone conversations, ordering food and drinks, etc.), discussing various topics, writing shorter and longer texts.

The title of the course:

1.1.1.6. Statistics in Psychology

ECTS: 6

Objective of the course:

Introducing students to basic statistical concepts and basic procedures of statistical conclusions. Training students to read and interpret the results presented by using statistical procedures, and to apply statistical procedures using a computer and the corresponding statistical software.

Outcome of the course:

Student is able to: adequately interpret measures of descriptive statistics and procedures and methods of conclusion statistics; understand basic methodological, mathematical and statistical concepts that are necessary in statistical data analysis; statistically describe and graphically display data; statistically conclude and evaluate; test statistical hypotheses; practically perform basic procedures in the statistical program on examples from psychology.

The title of the course:

1.1.1.7.   Basics of Cognitive Psychology

ECTS: 5

Objective of the course:

Introducing students to basic approaches in the interpretation of cognitive processes - cognitive information processing and connectivity. Continuation of the study of basic cognitive processes, learning and memorising, as well as more complex phenomena, language and thinking. In the light of the latest technical instruments and measuring devices, familiarisation with the neural basis of higher cognitive processes and functions.

Outcome of the course:

Student is able to: produce knowledge and critically approach to the theories of higher psychological processes; apply knowledge about the processes of learning, memorising and thinking in the analysis of more complex psychological structures and processes, such as personality, psychological disorders, language communication, creativity.

The title of the course:

1.1.1.8.   English Language 2

ECTS: 4

The objective of the course: Linguistic knowledge and skills at the Pre-Intermediate level.

The outcome of the course: At Pre-Intermediate level, students understand texts for listening and written texts, leading dialogues (getting acquainted, terms related to time, direction, shopping, doctors, telephone conversations, ordering food and drinks, etc.), discussing different topics, writing shorter and longer texts.

The title of the course

1.1.1.9.   Professional Practice 1

ECTS: 2

Objective of the course:

The aim of the professional practice is to familiarise students with a wide range of formal academic skills, as well as the rules of academic behavior, bearing in mind the specifics of the profession of psychologists which they have chosen.

Outcome of the course:

Student is able to: know the field and content of the work of psychologists as a professional associate in various institutions; master the skills of public performance; present in an adequate way the acquired knowledge; learn about the organisation and functioning of institutions where psychological research is conducted and the way in which they are implemented; develop professional skills of independent conceptualisation, preparation and realisation of research.

1.1.2. SECOND YEAR PSYCHOLOGY STUDY PROGRAME

The title of the course
1.1.2.1.   General Psychopathology

ECTS: 6

Objective of the course:
Introducing student into the field of psychiatric nozology. Introduction to all significant mental disorders, which are theoretically examined by special psychopathology, and practically treated by clinical psychiatry. Practical demonstration of cases of mental disorders. Training for access to a mentally ill person and the technique of psychiatric interviews.

Outcome of the course:
Student is able to: select the knowledge that will be necessary for monitoring clinical-psychological courses (in later years of studies), as well as in future professional work; recognise the most important clinical and psychiatric entities; adopt the contents of the current classification systems; safely determine the psychological status; diagnose a mental disorder.

The title of the course
1.1.2.2.   Developmental Psychology
ECTS: 6

Objective of the course:
Adoption of basic knowledge of developmental psychology as a scientific discipline, specific methodological aspects of research of developmental changes, development norms, periodisation of development and key development changes in antenatal period, infant period, early and middle childhood, adolescence, mature age and during aging. Enable the acquisition and understanding of developmental psychology as a science that studies the mental life from conception to death and enrich knowledge of each stage of development.

Outcome of the course:
Student is able to: apply developmental-psychological knowledge in psychological practice; create programs and activities to support development and improve the quality of life; consider psychological phenomena and processes from a development perspective; plan working in relation to development standards; design the concepts of activity in relation to the learning process in each of the life phases.

The title of the course
1.1.2.3.   English Language 4
ECTS: 5

Objective of the course:
Linguistic knowledge and skills at the Intermediate level.

Outcome of the course:

At the Intermediate level, students understand texts for listening and written texts (from general to detailed), lead dialogues (telephone conversations, ordering food and drinks), discuss different topics (comment on the educational system, give arguments, give advice on nutrition, choice of studying), write shorter and longer texts (letters, describe people and events, biography, motivation letter, letter of criticism, etc.).

The title of the course
1.1.2.4. Psychometrics

ECTS: 5

Objective of the course:

Introduction to the basics of psychometry and measurement in psychology, metric characteristics of tests, types of tests, techniques and scale, and mastering all stages of test assignment, including the phase of processing and interpretation of data using a computer.

Outcome of the course:

Student is able to: develop the basic methodological skill of practical skills necessary for working with tests and other measuring instruments; practically carry out all stages of the research; adequately apply tests in the appropriate fields of work of psychologists-practitioners.

The title of the course
1.1.2.5. Emotions and Motivation

ECTS: 6

Objective of the course:

Introducing students to the main theoretical concepts and research approaches in the domain of motivational and emotional processes; enrichment of knowledge about basic psychic phenomena and processes; analysis of the origin and dynamics of emotional and motivational states on the phenomenological and physiological plan; enabling the understanding of the purpose of their manifestation in behavior.

Outcome of the course:

Student is able to: recognise, differentiate, understand and manage emotional and motivational situations; recognises the possibilities of applying knowledge about motivational and emotional processes in ensuring adequate functioning in various fields of human activity.

The title of the course
1.1.2.6. Development of the Curriculum

ECTS: 6

Objective of the course:

Training students to guide the transformation process of educational practice/curriculum development at the kindergarten level.

Outcome of the course:

Action-competent student for curricular planning of content and learning activities at an early age; able to define outcomes and evaluate the implementation of the curriculum; methodically skilled to design a new curriculum structure in relation to the key areas of child development and the context of a pre-school institution.

The title of the course

1.1.2.7. Methodology of Teaching 2

ECTS: 6

Objective of the course:

Introducing students to basic methodical problems and characteristics of teaching languages and literature in elementary and secondary schools.

Outcome of the course:

Training students for the practical application of knowledge from the language methodology.

The title of the course

1.1.2.8. Professional Practice 2

ECTS: 2

Objective of the course:

The aim of the professional practice is that students, through a visit to the appropriate institutions and organisations, get acquainted with the practical issues from the scientific fields studied in the second year of studies (first of all, in the field of developmental psychology and psychopathology).

Outcome of the course:

The student is able to: link teaching contents to the problems faced by psychologists employed in: institutions that treat the development of children and youth (developmental and counseling services for young people, preschool institutions) and healthcare (neuropsychiatric practices and general hospital departments) by giving them problems to approach using certain measuring instruments, applying knowledge from psychometry.

1.1.3. THIRD YEAR PSYCHOLOGY STUDY PROGRAME

The title of the course

1.1.3.1. Introduction to Social Psychology

ECTS: 6

Objective of the course:

Introducing students to basic problems and theoretical concepts using social psychology; conditions and effects of socialization; concepts of social perception, social cognition and communication; structure and development of the image of oneself and the social factors influencing it; the processes of forming impressions of other people and the mistakes that occur;

the basis of forming and changing attitudes. Training students of psychology to analyse and study social issues from the point of view of psychological laws and principles.

Outcome of the course:

Student is able to: analyse social issues from a psychological aspect; analyse and integrate knowledge about basic social-psychological concepts; explain basic concepts in the field of social perception, social cognition and communication; lead to the psychological harmony of the influence of personal factors in the perception of phenomena, processes and the real picture of social reality.

The title of the course

1.1.3.2.   Pedagogical Psychology

ECTS: 6

Objective of the course:

Acquiring knowledge about the theoretical principles of organising the teaching process and other forms of educational work at school; training a student for practical work at school as a school psychologist, meaningful research of the problems of schooling, participation in planning innovative programs at school, understanding the school as an institution.

Outcome of the course:

Student is able to: successfully apply the basic knowledge of pedagogical psychology in explaining phenomena in the school context, as well as the principles of organizing a successful upbringing and educational process.

The title of the course

1.1.3.3.   Pedagogy with Didactics

ECTS: 6

Objective of the course:

Introduction to the basics of pedagogical and didactic sciences in order to get acquainted with the essence of pedagogical-didactic phenomena and processes, understanding the theoretical and practical basics of the teaching and educational process in the school. Adoption of knowledge and development of professional competencies of teachers in the field of pedagogical and didactical processes necessary for successful operational-practical work and research work in practice were developed by the pedagogial-didactic culture of students. Understanding and critical viewing of scientific knowledge about the complex and layered structure of the educational and teaching process and their application in practice.

Outcome of the course:

Student is able to: demonstrate adequate knowledge and understanding of issues and problems of pedagogical and didactic theory and teaching practice; build own pedagogical code and apply it correctly in different educational settings; independently realise practical activities in terms of developing scenarios for teaching and designing smaller researches of the theory and practice of

the teaching process; improve, perfect and develop the skills of designing and producing didactic material; apply educational standards in work and acquire new competencies.

The title of the course
1.1.3.4. Methodology of Teaching Psychology

ECTS: 4

Objective of the course:
Pedagogical methodological training of students for the teaching of psychology.

Outcome of the course:
Student is able to: create, plan contents of the realisation of a teaching course; make written teaching preparation; carry out and maintain a teaching session of psychology in all stages of articulation of the teaching process; apply different teaching methods; use teaching technology in the application of skills and classroom management procedures and to achieve a positive class climate.

The title of the course
1.1.3.5. Qualitative Research

ECTS: 6

Objective of the course:
Introducing students with an interpretative methodological paradigm, a structure of the design of qualitative research, qualitative methods of data collection, as well as analysing and interpreting qualitative data.

Outcome of the course:
Student is able to: apply acquired knowledge and skills in psychological research; do deeply into the essence of a qualitative research paradigm in psychology; clearly recognises conflicting paradigms so that he can judge himself on many other issues; master the technique of interpretation of results in hermeneutics.

The title of the course
1.1.3.6. Contemporary methods in teaching

ECTS: 6

Objective of the course:
In this course, students will acquire the knowledge and experience necessary for choosing and working with tools and technologies for the development of e-learning courses, as well as the ability to describe and analyse elements of e-learning, to which various tools and technologies can be applied, such as delivery, administration , student support or creation of materials. During the course, students will actively work with various tools including traditional tools for creating courses, as well as Web 2.0 collaboration and exchange tools.

Outcome of the course:

After the successful completion of this course, students will be able to: 1) understand and apply the most popular commercial and free tools, in order to successfully create different e-learning solutions; 2) identify a range of services that are necessary for e-learning projects and develop criteria for selecting the most suitable product; 3) effectively manage content, courses and users, and effectively manage their own learning and improvement.

The title of the course

1.1.3.7.   Professional Practice 3

ECTS: 2

Objective of the course:

The aim of the professional practice is that students, through visits to the institutions of education (primary and secondary schools), as well as social work and care (centers for social work, foster care centers, specialised centers for rehab from addiction diseases) get acquainted with a wide range of tasks of the psychologists who are employed in them.

Outcome of the course:

Student is able to: in a creative manner, link knowledge acquired from psychological-pedagogical courses, including the course of inclusive education, with the practical work of colleagues employed in appropriate institutions; manage to perceive psychological phenomena in a social context, with particular reference to the phenomena of social pathology; perform practical work in various segments of the programs of institutions in which it conducts professional practice.

1.1.4. FOURTH YEAR PSYCHOLOGY STUDY PROGRAME

The title of the course:

1.1.4.1.   Clinical Psychology

ECTS: 6

Objective of the course:

Introducing students with different theoretical and practical approaches within clinical psychology as applied psychological discipline; with different global methods of work used in psychological exploration, with the historical development of the discipline itself and individual methods within clinical psychology and specific psychology; with previous knowledge relevant to this field as a whole and its components that complement its clinical method from different aspects.

Outcome of the course:

Student is able to: rule the basic methods of psychological assessment, the principles of a clinical trial; know the application of the principles and specificities of clinical trials; examine the difficulties in diagnostic assessment through the knowledge and specificity of the test procedure and the nature of the test battery; develop personal characteristics desirable for the profile of the clinician; gain insight into limiting factors; independently use clinical tests.

The title of the course:

1.1.4.2. Basics of Work Psychology

ECTS: 6

Objective of the course:

Introducing students to basic problems in the field of work psychology, basic concepts and theories with the goal of being psychologists in the work organisation to be able to acquire the knowledge of the application.

Outcome of the course:

Student is able to: learn, define and analyse the problem in the work environment; provide professional assistance in practice and solve the practical problems encountered by the working organisation; design an intervention in an organisation; devise possibilities and ways of engagement in relation to the specificity of the working situation.

The title of the course:

1.1.4.3. Psychology of stress

ECTS: 6

Objective of the course:

Introducing students to the sources of stress and the influence of stressors on the physiological, psychological and social level of functioning of the individual and the group, in both negative and positive terms. Getting to know the different concepts of stress, primarily physiological and psychological, and the ways in which they treat this everyday phenomenon.

Outcome of the course:

Student able to: recognize different types of stressors; measure the level of stress, as well as to apply appropriate strategies, techniques and instruments in order to prevent, control and eliminate the negative effects of stress; mastering techniques of overcoming stress; train others and transfer knowledge about stress management techniques.

The title of the course:

1.1.4.4. Sociology of Education

ECTS: 6

Objective of the course:

Introducing students to the course contents of the sociology of education, and the social significance of educational activities. Mastering theoretically experienced knowledge for identifying and creating a successful educational system. Introducing students to social changes and tendencies in education.

Outcome of the course:

The student will be able to: analyse the character of the education system criterionally; on the basis of research insights, adequately assesse the quality (effectiveness) of educational activities; recognise positive experiences in educational activity and suggest the application of the same in

their own society; recognise and monitor civilizational changes, and foster personal readiness for changes in the processes of upbringing, education and work.

The title of the course:

1.1.4.5. Methodology of Educational Work

ECTS: 6

The objective of the course: Understanding the educational practice of the kindergarten and discovering one's own role in changing and improving it. Mastering the process of planning, performing and evaluating the educational process.

The outcome of the course: The educator is qualified to: apply methodical knowledge in various educational and educational situations and at different levels of educational practice; Use knowledge about the essence and complexity of teaching children of early age in working with children; integrates different conceptions of the role of educators in the educational process and the institution into a model of reflexive practitioners; exhibits developed sensitivity to problems of practice and interest in their successful resolution; independently, critically and inventively approaches the processes of planning, monitoring and evaluation of their own practice

The title of the course:

1.1.4.6. Psychodiagnostics

ECTS: 7

Objective of the course:

Introducing students to basic theoretical and practical concepts of diagnostic work, techniques for assessing personality, intelligence and specific abilities and deficits; integrative conclusion, field of application and selection of batteries and tests according to the requirements of psychological exploration. Training a student for understanding and analysing objects of exploration, applying techniques for psychodynamic assessment, interpreting and evaluating the results obtained, creating an integral psychological finding.

Outcome of the course:

Student is able to: perform assessment of intellectual abilities, analysis and synthesis of data and conclusions; assessment of personality traits; assessment of social and emotional maturity; assessment of neuropsychological deficits; assessment of specific abilities; perform a competent and professional development of a psychological finding.

The title of the course:

1.1.4.7. Health Psychology

ECTS: 6

The objective of the course: Acquiring basic knowledge in medical psychology and somatic medicine, those diseases that have a psychological risk factor in etiology, healing, and rehabilitation. Acquiring knowledge of the connection between the body and the psychic. Adopting an interdisciplinary approach in the perception of an individual. Adopting basic

knowledge about psychological factors responsible for the emergence of diseases such as stress and negative emotions.

The outcome of the course: Student is able to: apply basic knowledge about the characteristics of development, care and upbringing of children of the early age; independently creates activities of children of early age with the provision of necessary care and educational instruction; be an equal member of an interdisciplinary team involved in the treatment and rehabilitation of somatic disorders of children of the early age; plans to educate the population about the psychological factors involved in the onset and development of somatic diseases of children and adults.

The title of the course:
1.1.4.8. Electronic Teaching and Learning;

ECTS: 6

The objective of the course: Introduction to the knowledge of the system of psychological and pedagogical sciences, as well as methodologies, about the process of learning and teaching in the traditional and e-environment. Training for monitoring, directing and shaping the learning and teaching process in the traditional and electronic environment.

The outcome of the course: The student at the end of the course functionally explains the basic processes and dimensions of education, teaching and learning; recognizes the effects of different factors and determinants of learning and teaching in the traditional and electronic pedagogical context, analyzes interaction and communication in different teaching contexts, and plans and forms teaching and teaching procedures; knows the dimensions of the professional work of teachers and e-educators and plans to develop their own professional skills in this field.

The title of the course:
1.1.4.9. Academic Writing

ECTS: 6

The objective of the course: is to introduce students into the theory of pedagogical knowledge and logical forms of pedagogical research and in the theory of pedagogical research. Striving of knowledge and skills in academic writing as a special discourse. Introduction to research methods from topic formation, through the collection of material and documentation, the adoption and application of different reading strategies, the research of primary and secondary literature and sources to the establishment of the thesis and the implementation of argumentation according to the logical deduction and induction standard. Adopting the principles of scientific ethics. Mastering the methodology of making scientific work.

 The outcome of the course: Student is able to: independently determine the epistemological settings of concrete research on the basis of which he will be able to develop a project of scientific research, conduct research; make appropriate conclusions and write an exploratory report; in the collection and processing of data and interpretation of empirical results, independently apply the procedures of descriptive statistics and statistics.

The title of the course:

1.1.4.10. Intercultural Understanding and Communication

ECTS: 6

The objective of the course: Introducing students to basic human rights, intercultural understanding and peaceful conflict resolution, and developing awareness of the practice of these values in the teaching process. Students will acquire knowledge and practical skills on how to practice education from intercultural understanding, human rights and peaceful conflict resolution.

The outcome of the course: Learning and forming a student's awareness of the peaceful resolution of conflict and intercultural understanding and human rights; Students' ability to: work in the field of promotion and respect for human rights, and to actively and positively participate in the life of a multicultural community; Students will acquire: theoretical knowledge of the empirical and normative nature of individuals in the multicultural community and situations, and coexistence with people who have different values, customs and traditions; on pedagogical approach in education from the stated values; about various methods and exercises for realization of teaching in accordance with the stated values.

1.2.   PEDAGOGY FOR PRE-SCHOOL CHILDREN

1.2.1. FIRST YEAR PEDAGOGY FOR PRE-SCHOOL CHILDREN

The title of the course:
1.2.1.1.   General Pedagogy

ECTS: 6

The objective of the course: Mastering the appropriate theoretical, conceptual and procedural knowledge. Understanding the phenomenon of pedagogical reality and getting to know the theoretical foundations of the process of education in the wider academic - scientific context. Acquiring a knowledge corpus in the field of pedagogical science as a basis for further professional education. Recognize personal and professional competencies in relation to the components of upbringing as a process.

The Outcome of the course: Student is able to: define knowledge and skills that are generative (from which new knowledge is developed) and transfer (which help in solving different types of tasks or problems belonging to different fields); independently evaluate the value and applicability of ideas on upbringing, as well as the programs, methods and contents that are used in practice; understands the essence of intellectual, moral, aesthetic and physical education; takes up and expresses one's own critical attitude about different theoretical perspectives on the upbringing of personality; recognize his competencies and his own pedagogical code.

The title of the course:
1.2.1.2.   Sociology

ECTS: 6

The objective of the course: Introduction to students with the basic sociological problems of contemporary society and acquiring the necessary knowledge on the social aspects of education, its social role and the conditions in which it is realized. Acquiring knowledge in terms of differentiation of different theoretical orientations.

The outcome of the course: Student is able to: Select knowledge about society, social institutions and conditions in which education and upbringing of young people takes place; apply and use knowledge in practice; takes a critical distance towards different social phenomena and processes.

The title of the course:
1.2.1.3.   Preschool Pedagogy

ECTS: 7

The objective of the course: Acquiring a knowledge corpus in the field of preschool pedagogy as a basis for further professional education. Developing positive   professional attitude in relation to the areas and actors of preschool education by introducing students with philosophical and

theoretical views and basic scientific knowledge necessary for understanding the upbringing of children of early ages.

The outcome of the course: Student is able to: understands the implications of pedagogical and psychological theories in the field of preschool education; arguably discussing, exhibiting and presenting a personal pedagogical perspective; independently evaluate the value and applicability of the idea of upbringing, as well as the programs, methods and contents that are realized in practice; independently follows professional literature in the field of pedagogical periodicals and contemporary approaches to the upbringing of children of early ages.

The title of the course title:

1.2.1.4. The Basis of Informatics

ECTS: 6

The objective of the course: Introduction to students with basic concepts in informatics, as well as with the importance of informatics for modern business. Developing practical skills in the use of software tools that students will use during college education.

The outcome of the course: Students' are able to use programs for word processing, tabulation, presentations, and internet search.

The title of the course:

1.2.1.5. English Language 1

ECTS: 4

The objective of the course: Systematic improvement of communicative competence of students. Developing awareness of inter-lingual, interlinguistic and cultural differences and the need for their respect for the purpose of effective communication.

The outcome of the course: At the Pre-Intermediate level, students understand texts for listening and written texts, leading dialogues (introduction, terms related to time, direction, shopping, doctors, telephone conversations, ordering food and drinks, etc.), discussing various topics, writing shorter and longer texts.

The title of the course:

1.2.1.6. Preschool Didactics

ECTS: 7

The objective of the goal: Training students to understand the essence, goals and tasks of educational work in preschool institutions to acquire theoretical knowledge for the application of didactic principles, principles and rules for work with children in preschool institutions.

The objective of the course: Student is able to: program the contents and outcomes of preschool education; Carries out an adequate choice and creative application of methods, forms, didactic materials and strategies in the process of planning, realization and evaluation of educational work; critically follows, explores and improves educational work; introduces innovations into practice.

The title of the course:
1.2.1.7.   General Psychology

ECTS: 6

The objective of the course: Introducing students with a structure of psychology as a science, developing psychology and applying psychological knowledge in different areas, especially in the education process. Training a student to use acquired knowledge as a basis for other subjects from a psychological group; an attempt to understand the whole subject and to get practical training.

The outcome of the course: Student is able to: understand psychological determinants, basic concepts and personality approaches; apply acquired knowledge in practice in dealing with children and parents; skilfully apply a corpus of basic theoretical knowledge on psychic phenomena and processes; evaluate the basic characteristics of the personality and character of students; in practice, he states and expertly comment on the phenomena in the psychological life of children and adults.

The title of the course:
1.2.1.8.   Sports and Recreational Classes

ECTS: 6

The objective of the course: Creating a correct kinesthetic image of natural and constructed forms of movement; understanding the importance of sports-recreational activities in the modern world; preparation and organization of activities in the field of sports and recreational classes; mastering sports-recreational activities depending on the existing conditions.

The outcome of the course: Student is able to: actively absorb all changes in the field of recreation and activities directed at sports; works actively in the work environment by promoting proactive life strategies; be the initiator and organizer of sports and recreational activities at the level of the preschool institution; modelling organizational and methodical forms of recreation and sports in everyday physical activity.

The title of the course:
1.2.1.9.   English Language 2

ECTS: 4

The objective of the course: Linguistic knowledge and skills at the Pre-Intermediate level.

The outcome of the course: At Pre-Intermediate level, students understand texts for listening and written texts, leading dialogues (getting acquainted, terms related to time, direction, shopping, doctors, telephone conversations, ordering food and drinks, etc.), discussing different topics, writing shorter and longer texts.

The title of the course:
1.2.1.10. Ethics and Aesthetics

ECTS: 6

The objective of the course: is to present relevant philosophical lessons from the history of ethics, to present elements of the main normative-ethical theories and to present basic directions and problems in the field of metaetics. Getting to know the most important issues involved in today's aesthetics and training to think about them independently, while gaining insight into some of the most important theories in the history of aesthetics. Forming a worldview with a philosophical sign with the basics of ethics and aesthetics. Introduction to dialogical-philosophical thinking, ethical, aesthetic, ontological, gnoseological and axiological issues.

The outcome of the course: Student is able to: analyse moral phenomena and determine moral criteria and their specificities; governs the basic items from metaetics, as the theory of meaning and justification of moral terms and statements; noticing elementary distinctions important for the field of applied ethics; knows how to define, interpret and evaluate the work of art; represents reality in art; interprets questions of truth and feelings in literature and art, including the nature and logical status of the expressive characteristics of works of art.

The title of the course:

1.2.1.11. Professional Practice 1

ECTS: 2

The objective of the course: The aim of the course is that students, on the basis of acquired theoretical and practical knowledge from pedagogical-psychological, get acquainted with the internal organization of educational activities in the kindergarten. Training students to observe the specificity of educational activities in the kindergarten. Examining the nature of the educational process in the kindergarten in relation to the outcomes and the contents defined by the program of practice. The aim of the practice is that students acquire a general insight into life and work in a preschool institution, learn about the essential features of the vocational training and, within the limits of their possibilities, and thus try to apply or check the acquired pedagogical-psychological knowledge in certain kindergarten settings.

The outcome of the course: Student is able to: inspect and evaluate the possibilities for active inclusion in certain segments of the educational process; synthesizes as a whole the elementary notion of the necessary pedagogical-psychological competences of the kindergarten teachers; recognizes the functioning of psychological and pedagogical principles in concrete educational and educational situations; analyzes and notices essential elements of organization of educational work, analysis of pedagogical and psychological situations, development of communication skills.

1.2.2. SECOND YEAR PEDAGOGY FOR PRE-SCHOOL CHILDREN

The title of the course:

1.2.2.1. Introduction to Developmental Psychology

ECTS: 6

The objective of the course: Introduction to students: with the definition, subject and basic concepts of Developmental Psychology, with the concept of development throughout the lifetime, with the inheritance factors and the environment in the development of the individual, with basic settings of development theory.

The outcome of the course: Student is able to: evaluate inter- and intra-personal differences in development; perceives development through the interaction of hereditary and middle factors; use knowledge of development principles and methods in working with process entities; it uses knowledge of development principles in professional activities aimed at creating suitable conditions for achieving optimal development of the personality as a whole.

The title of the course:
1.2.2.2.   Family Pedagogy
ECTS: 8

The objective of the course: The acquisition of knowledge about the family, its educational function and ways of accomplishing this function is more complete. Acquisition of basic methodological education for research work in the field of family pedagogy. Acquiring basic knowledge about nature, laws and factors of family education, about the importance of the family as a personality development factor. Acquiring the necessary teacher competencies necessary for practical connection and harmonization of preschool and family education.

The outcome of the course: Student is able to: affirm the values of family life and through communication with parents and professional services contributes to strengthening the family in our culture and upbringing; apply theoretical and practical knowledge in the area of family pedagogy; cooperates with parents and promotes their pedagogical culture; develop a research approach in the field of family pedagogy.

The title of the course:
1.2.2.3.   English Language 3;
ECTS: 4

The objective of the course: Linguistic knowledge and skills at the Intermediate level.

The outcome of the course: At the intermediate level students understand texts for listening and written texts (from general to detailed), they conduct dialogues (telephone conversations, order food and drinks), discuss different topics (comment on the education system, give arguments, give tips on nutrition, choice of studying), write shorter and longer texts (letters, describe people and events, biography, motivation letter, letter of criticism, etc.).

The title of the course:
1.2.2.4.   Introduction to Personality Psychology
ECTS: 6

The objective of the goal: Introducing students with basic concepts of personality psychology and basic theoretical and methodological methods of studying personality; mastering different

ways of personal approach; understanding of structure, dynamics, and motivation in personality development.

The outcome of the goal: Student is able to: understand the scientific knowledge of personality; better understand yourself and others; develop sensitivity to the position of the "other"; understands factors that affect the personality; applied knowledge is applied to the educational context.

The title of the course:
1.2.2.5. Ecological Education

ECTS: 6

The objective of the course: Introducing students with theoretical and practical aspects and developmental tendencies of the relationship between man and nature. Adoption of basic ecological content in order to understand natural laws and lives in harmony with nature. Getting acquainted with the ways to conceive and realize different didactic models for the realization of ecological program contents. Developed ecological awareness and ecological culture.

The outcome of the course: Student is able to: Transmit the ecological content to children of pre-school age; plans, prepares, applies and evaluates adequate didactic models for realization of ecological activities; creates an incentive ecological context in kindergarten; structure an environment that will enable research access to children by environmental programs; promotes the concept of sustainable development in pre-school and social community.

The course title:
1.2.2.6. Literature for Children

ECTS: 5

The objective of the course: Students should be able to access analytical works of literature for children as an artistic, psychological and pedagogical phenomenon, as well as to become acquainted with the beginnings and development of literature for children in the context of world and Serbian literature.

The outcome of the course: Knowledge of the specificity of the thematic, poetics and educational features of literature

The title of the course:
1.2.2.7. Vocal-instrumental Teaching;

ECTS: 5

The objective of the course:
The general goal is education of students from the field of art, acquiring solid instrumental skills on a harmonic instrument (piano, accordion, guitar), developing vocal technique, fluent reading and recognizing the notion of record, respecting musical labels in the text and fostering awareness of collective vocal or instrumental sound , managing the choir or Orchestra.

The outcome of the course: Student is able to: rule with elementary vocal and instrumental technique; apply and organize acquired knowledge in working with children, recognize and creatively independently organize music activity

The title of the course:

1.2.2.8.   Standard and Culture of the Standard Language;

ECTS: 4

The objective of the course: Mastering the spelling standard of the standard Bosnian language and insight into the conceptual and terminological apparatus of the orthographic domain of standardized South Slavonic languages.
The outcome of the course: Training students for proper use of the standardized (literary) spelling.

The title of the course:

1.2.2.9.   Development of the Curriculum;

ECTS: 6

The objective of the course: Training students to guide the transformation process of educational practice / curriculum development at the kindergarten level

The outcome of the course: Action-competent student for curricular planning of content and learning activities at an early age; able to define outcomes and evaluate the implementation of the curriculum; methodically skilled to design a new curriculum structure in relation to the key areas of child development and the context of a pre-school institution.

The title of the course:

1.2.2.10. Sociology of Family;

ECTS: 6

The objective of the course: Introducing students with the basic problems of a modern family from a sociological perspective. By acquainting students with basic approaches and empirical experiences of studying the modern family, a critical insight into the cause-and-effect relationships and relationships of parents, children and educators in contemporary society is provided.

The outcome of the course: Student is able to: explain social laws in the context of family and social changes, explain and understand the interaction of social factors in preschool institutions and everyday life; use appropriate social and family strategies, and critically discusses the role of primary and secondary socialization in the advancement of a democratic society; reflects their own experiences and connects them to classic and contemporary

The title of the course:

1.2.2.11. Professional Practice 2

ECTS: 2

The objective of the course: The aim of the practice is that students, on the basis of acquired theoretical and practical knowledge in pedagogical-psychological disciplines, are much more familiar with the internal organization of educational activities in the preschool institution and directly involved in different activities of children, the form and manner of work of the educators, child, educator-parent, planning and programming of educational work with children and the like.

The outcome of the course: Student is able to: directly engage in various activities and forms of work with children of pre-school age; structure the space; plans the flow of activities in direct work with children; monitor and document the development and promotion of children in the group.

1.2.3. THIRD YEAR OF PEDAGOGY FOR PRE-SCHOOL CHILDREN

The title of the course:

1.2.3.1. Methods of Speech Development;

ECTS: 6

The objective of the course: Training students for independent work on the development of speech of pre-school children; the acquisition of basic knowledge in the field of speech development; adopting basic theoretical concepts on speech development; developing the belief that children learn the language through its use in a variety of natural communication situations; training for clear, concrete and eloquent voice education of knowledge, thoughts and feelings.

The outcome of the course: Student is able to: methodically competently monitor the development of every child's speech separately; help children to develop as rich and diverse language practice as possible through various types of work; analyses, encourages and periodically examines the voice status of each individual child; notice the existence of pathology in children's speech; conduct individualization of educational procedures; able to analyse and conceive (for easier shapes) an individual exercise plan for the child in order to eliminate the observed deficiencies; mobilizes parents and asks for help from experts when needed.

The title of the course:

1.2.3.2. Methods of Development of Initial Mathematical Concepts

ECTS: 6

The objective of the course: Study the theory and practice of MRMP in pre-school children through various types of communication. Introduction to the process of forming a mathematical concept in children. Preparation for realization of program objectives, tasks and content of RMP; Training for planning and tracking results.

The outcome of the course: Student is able to: implement a system of procedures for the efficient and professional translation of the immediate children's experience on quantitative, qualitative,

spatial-temporal relations and properties of real objects into mathematical concepts; realizes the program goals, tasks and contents of the official program of the age groups as well as the integrated curriculum; in addition to the planned targeted and combined, it realizes content through play and playing activities; monitors and evaluates the results of one's own work and improves standards of achievement as part of the development of basic mathematical concepts.

The title of the course:

1.2.3.3.   Methodology of Art Education

ECTS: 6

The objective of the course: Familiarization with the specifics of artistic creation of children of preschool age; mastering theoretically artistic and experiential artistic knowledge and skills in the field of visual arts in the context of pre-school age; systematization of knowledge - linking theory and visual-art practice.

The outcome of the course: Student is able to: Prepare and realize fine arts; knows the characteristics of the visual expression of children of pre-school age; motivated to work on the development of children's creativity; Applies contemporary art techniques that encourage the co-operation of children; methodically skilfully performs aesthetic assessment of children's works; Encourages children's creativity through the game.

The title of the course:

1.2.3.4.   Introduction to Pedagogical Psychology

ECTS: 6

The objective of the course: Mastering the appropriate theoretical, conceptual and procedural knowledge; acquiring basic skills and enhancing the ability to understand the needs of students, encouraging their development, creating teaching situations that support effective forms of learning and the skills of independent approach to knowledge, successful communication and the establishment of a productive psychosocial climate in the classroom; forming appropriate professional attitudes. Learning about the nature and significance of the learning process, learning about the factors of successful learning, or school achievement, training for independent solving of specific problems at school (eg. assessment, mental and hygienic approach).

The outcome of the course: Student is able to: define the essential problems of the teaching process in the function of raising teaching to a higher level; competently creates motivation for monitoring and researching the learning process; understanding the psychological flow of the teaching process in general and its parts, the psychology of teachers and students, and the interaction of teaching material.

The title of the course:

1.2.3.5.   Interaction Man Computer;

ECTS: 6

The objective of the course: The subject examines the concepts of human and computer interaction on both sides of the user interface, including human factors, performance analysis, learning processes, usage studies, and interaction styles. The process of development of the user

interface with the emphasis on the user-friendly design and the methodology of evaluation of the interfaces is also being processed.

The outcome of the course: After examining the subject, the student understands the importance of human factor, cognitive processes, environment and user training and successfully applies them in developing, implementing and analyzing performance.

The title of the course:

1.2.3.6. Methodology of Introducing the Environment;

ECTS: 6

The objective of the course: The general objective is for students to become acquainted with the concept and meaning of the area of acquaintance with the environment and to gain sufficient practical experience in the realization of tasks and contents from the field of acquaintance with the environment through their translation into everyday procedures in the work with pre-school children.

The outcome of the course: Methodological skill of the student in designing an integrated model of research - cognitive curriculum for introducing the environment. Mediator's ability to transfer contextual natural and social content into crafty child's schemes. Student as the creator of an incentive, safe and creative environment for the child's research and cognitive activities in contextual and institutional conditions.

The title of the course:

1.2.3.7. Methods of Physical Education;

ECTS: 6

The objective of the course: To enable students to adopt basic theoretical knowledge, concepts and principles in the method of physical education, and to improve motor skills and students' skills. Introduction to the basic laws of functioning anthropological status of preschool children.

The outcome of the course: Student able to: critically monitor and apply contemporary trends in the method of physical education of preschool children; optimally plans, programmers, implements and controls the organizational forms of work in physical education.

The title of the course

1.2.3.8. Methodology of Music Education

ECTS: 6

The objective of the course: The general objective of the course is to introduce students thoroughly to the concept of music education and educational work with pre-school children and to successfully realize musical contents. Understanding the complexity of the process of acquiring knowledge and skills in the field of music; adopting theoretical foundations and connecting with practical activities; methodical training of students for articulation of time in accordance with the methodical instructions prepared activities; professional encouragement for independent performance of activities in the field of music.

The outcome of the course: Student is able to: create his own scenario for performing music activities; performs the proper selection of methodical procedures, content and method of work; independently combines all available segments of contemporary theoretical approaches to music training, defines quality standards in the process of improving contemporary music practice, creates a script of their own activities based on self-prepared written preparation for activity, identifies and mobilizes the giftedness of pre-school children in the field of musical expression and creativity; individualizes applied therapeutic approaches to music in working with pre-school children.

The title of the course:

1.2.3.9. The Role of Media in the Upbringing of Children

ECTS: 4

The objective of the course: The main goal is to train students for independent critical thinking of media texts, to develop critical media literacy and to create the necessary analytical framework for understanding the interaction of mass media education. A focus on critical-theoretical thinking and analysis of mass media messages (contents) that rely on scientific knowledge in the field of culture, communication, philosophy and sociology of the media, as well as related disciplines.

The outcome of the course: Student is able to: create mass media messages (content); critically selects media texts and messages of all media; identify, analyze, select and evaluate media messages; examines the educational and media system in an interactive relationship; knows contemporary trends in the application of new information and communication technologies.

The title of the course:

1.2.3.10. Quality Management;

ECTS: 6

The objective of the course: Introducing students with basic knowledge in the theory of quality in general, as well as product quality (according to the standards of the ISO 9000 and ISO 14000 series, etc.).

The outcome of the course: Students' are ability to apply quality standards in practice, as well as preventive action on product quality at the earliest stage of its creation, continuous improvement of the quality of products and services, as well as the quality of work and organization.

The title of the course:

1.2.3.11. Contemporary Methods in Teaching;

ECTS: 6

The objective of the course: In this course, students will acquire the knowledge and experience necessary for choosing and working with tools and technologies for the development of e-learning courses, as well as the ability to describe and analyze elements of e-learning, to which various tools and technologies can be applied, such as delivery, administration , student support or creation of materials. During the course, students will activey work with various tools

including traditional tools for creating courses, as well as Web 2.0 Collaboration and Exchange tools.

The outcome of the course: After the successful completion of this course, students will be able to: 1) understand and apply the most popular commercial and free tools, in order to successfully create different e-learning solutions; 2) Identify a range of services that are not necessary for e-learning projects and develop criteria for selecting the most suitable product; 3) effectively manage content, courses and users, and effectively manage their own learning and improvement.

The title of the course:

1.2.3.12. Professional Practice 3

ECTS: 2

The objective of the course: The aim of the practice is to prepare students for independent work in a group of children based on the acquired theoretical and practical knowledge in the previous practice and on the basis of acquired knowledge in pedagogical-psychological and methodical disciplines.

The outcome of the course: Student is able to: independently plan, organize and realize educational work for children of pre-school age in accordance with the Principles of educational curriculum that are applied in kindergarten; practically demonstrates and confirms his professional ability to work with children of pre-school age; recognizes life topics for thematic content planning; encourages the development of an open curriculum; Creates the context as an incentive environment for the learning process; documenting and following children's development and advancement in accordance with contemporary orientations in the practice of preschool education.

1.2.4. FOURTH YEAR OF PEDAGOGY FOR PRE-SCHOOL CHILDREN

The title of the course:

1.2.4.1. Child Play and Creativity

ECTS: 6

The objective of the course: Getting insights into different interpretations and explanations of the children's game. Familiarizing with the types of children's games and their connection with patterns of behavior of children of early and pre-school age, getting to know the peculiarities of the educational process that is realized through games and game players. Understanding and adopting program contents about children's play and creativity. Training students for content linking and practical application of theoretical knowledge in immediate educational practice. Developing professional competences and creative potentials of students.

The outcome of the course: Student is able to: organize different types of children's traditional and didactic games and create new ones; implements theoretical knowledge in activities with children of pre-school age during organized integrated practice; designing didactic solutions for making toys; designs props and play didactic equipment for direct work in the development of creativity.

The title of the course:
1.2.4.2. Scene and Puppet Art

ECTS; 6

The objective of the course: Training students to understand stage art and puppetry. Understanding the essence and tasks of this subject as a theoretical and practical basis for the planning and realization of scenic games in pre-school institutions. Directing students to independent work in preparation of drama work for pre-school age using knowledge from performing arts and puppetry and their own creativity. In the knowledge and mastering of the basics of puppetry in his design-performing and stage artistic variant (Lutaka Theater) as well as in the application of kindergarten, hospitals, playrooms, etc.

The outcome of the course: Student is able to: recognize and analyze the feature of the stage action; creates a drama; designs, recognizes and selects genres; creates a scene and directs children to the direct experience of performing arts; independently creates puppet expression in the framework of preschool practice in apartments with basic as well as extended variants; critically reflects and evaluates by applying educational educational comments; the right choice and selection from the appropriate puppet-drama production.

The title of the course:
1.2.4.3. Methodology of Educational Work

ECTS: 6

The objective of the course: Understanding the educational practice of the kindergarten and discovering one's own role in changing and improving it. Mastering the process of planning, performing and evaluating the educational process.

The outcome of the course: The educator is qualified to: apply methodical knowledge in various educational and educational situations and at different levels of educational practice; Use knowledge about the essence and complexity of teaching children of early age in working with children; integrates different conceptions of the role of educators in the educational process and the institution into a model of reflexive practitioners; exhibits developed sensitivity to problems of practice and interest in their successful resolution; independently, critically and inventively approaches the processes of planning, monitoring and evaluation of their own practice

The title of the course:
1.2.4.4. Social Pathology

ECTS: 6

The objective of the course: Introducing students with theoretical and empirical knowledge of contemporary science on social issues and deviations on a multidisciplinary basis. Bearing in mind the fact that as a future lawyers or officers they will have to deal, in various ways, with the prevention or by suppression of various forms of social deviations.

The outcome of the course: Students' are able to monitor, analyze, and influence on the definition of policies and action plans and other plans for the suppression and prevention of

social and pathological phenomena based on the knowledge about the nature, causes and consequences of social deviations in practice.

The title of the course:

1.2.4.5. Electronic Teaching and Learning;

ECTS: 6

The objective of the course: Introduction to the knowledge of the system of psychological and pedagogical sciences, as well as methodologies, about the process of learning and teaching in the traditional and e-environment. Training for monitoring, directing and shaping the learning and teaching process in the traditional and electronic environment.

The outcome of the course: The student at the end of the course functionally explains the basic processes and dimensions of education, teaching and learning; recognizes the effects of different factors and determinants of learning and teaching in the traditional and electronic pedagogical context, analyzes interaction and communication in different teaching contexts, and plans and forms teaching and teaching procedures; knows the dimensions of the professional work of teachers and e-educators and plans to develop their own professional skills in this field.

The title of the course:

1.2.4.6. Inclusive Education

ECTS: 6

The objective of the course: Introducing students with the theoretical foundations of inclusive education and practical solutions for the implementation of inclusion in the educational process. Preparation for work in an inclusive team; Training students to create a pedagogical profile of the child and an individual education plan; Pointing to new approaches to providing Symbian support to children and families in an inclusive educational process. Giftedness as a forgotten part of an inclusive approach.

The outcome of the course: Student is able to: Provide professional resistance to stereotypes and prejudices in the social environment; promotes respect for differences and specificities based on these differences; and wants to create, nurture and enhance the safe, inclusive and educational learning community; plans an individualized approach in the implementation of the inclusive program activities; be the initiator in the process of structuring the inclusive development of kindergartens in the dimensions of creating an inclusive culture, inclusive policies and inclusive practices; be professionally empowered and ready to develop their social competences.

The title of the course:

1.2.4.7. Introduction to Professional Practice

ECTS: 7

The objective of the course: Developing professional approach to work; familiarization and critical review of areas of activity, legal and normative regulations and professional role; development of pedagogical skills and skills necessary for the activity. Training a student as a

reflexive practitioner and creators of an integrative approach to professional practice in working with children of pre-school age.

The outcome of the course: Students' are ready to apply integrative approach in work, continuous reflection and self-reflection of their own practice; a deeper understanding of your own learning and teaching process; autonomy in decision-making and responsibility for their own decisions and actions; openness to new ideas and adaptability to new situations and diversity; a researcher of real learning processes and knowledge creation through a project approach in working with children.

The title of the course:
1.2.4.8. Health Psychology

ECTS: 6

The objective of the course: Acquiring basic knowledge in medical psychology and somatic medicine, those diseases that have a psychological risk factor in etiology, healing, and rehabilitation. Acquiring knowledge of the connection between the body and the psychic. Adopting an interdisciplinary approach in the perception of an individual. Adopting basic knowledge about psychological factors responsible for the emergence of diseases such as stress and negative emotions.

The outcome of the course: Student is able to: apply basic knowledge about the characteristics of development, care and upbringing of children of the early age; independently creates activities of children of early age with the provision of necessary care and educational instruction; be an equal member of an interdisciplinary team involved in the treatment and rehabilitation of somatic disorders of children of the early age; plans to educate the population about the psychological factors involved in the onset and development of somatic diseases of children and adults.

The title of the course:
1.2.4.9. Academic Writing

ECTS: 6

The objective of the course: is to introduce students into the theory of pedagogical knowledge and logical forms of pedagogical research and in the theory of pedagogical research. Striving of knowledge and skills in academic writing as a special discourse. Introduction to research methods from topic formation, through the collection of material and documentation, the adoption and application of different reading strategies, the research of primary and secondary literature and sources to the establishment of the thesis and the implementation of argumentation according to the logical deduction and induction standard. Adopting the principles of scientific ethics. Mastering the methodology of making scientific work.

 The outcome of the course: Student is able to: independently determine the epistemological settings of concrete research on the basis of which he will be able to develop a project of scientific research, conduct research; make appropriate conclusions and write an exploratory report; in the collection and processing of data and interpretation of empirical results, independently apply the procedures of descriptive statistics and statistics

The title of the course:

1.2.4.10. Intercultural Understanding and Communication

ECTS: 6

The objective of the course: Introducing students to basic human rights, intercultural understanding and peaceful conflict resolution, and developing awareness of the practice of these values in the teaching process. Students will acquire knowledge and practical skills on how to practice education from intercultural understanding, human rights and peaceful conflict resolution.

The outcome of the course: Learning and forming a student's awareness of the peaceful resolution of conflict and intercultural understanding and human rights; Students' ability to: work in the field of promotion and respect for human rights, and to actively and positively participate in the life of a multicultural community; Students will acquire: theoretical knowledge of the empirical and normative nature of individuals in the multicultural community and situations, and coexistence with people who have different values, customs and traditions; on pedagogical approach in education from the stated values; about various methods and exercises for realization of teaching in accordance with the stated values.

DEPARTMENT OF PHILOLOGY:
2.1. Bosnian language and literature
2.2. Serbian language and literature
2.3. English language and literature
2.4. German language and literature

Contents

2.1. BOSNIAN LANGUAGE AND LITERATURE

2.1.1. FIRST YEAR BOSNIAN LANGUAGE AND LITERATURE

Title of the course:

2.1.1.1. Introduction to World Literature

ESPB: 9

Objective of the course: Introducing students to the main courses and epochs in the world literature starting with the Classical period and ending with the literature of the 19th century and with capital poetic thought of the Classical period, Renaissance and Classicism; introducing students to a synchronous approach to aesthetic consideration of literature through poetic parallels and opposites.

Outcome of the course: The required works being read, the knowledge of the primary and secondary literature, the ability for an independent analysis, interpretation and evaluation of literary works.

Title of the course: Basics of Informatics; ESPB: 4

Objective of the course: Introducing students to the basic terms of informatics and with the significance of informatics for the contemporary business as well. Developing practical skills in the use of software tools, which students will use during college education.

Outcome of the course: Students' capability to use word processing programs, tabulation calculation, creation of presentations and internet search.

Title of the course:

2.1.1.2. Introduction to Theory of Literature

ESPB: 6

Objective of the course: Complete elaboration and adoption of the basic concepts and terms of modern literary theory, as well as their applicative possibilities, accompanying interpretive and analytical strategies, especially in the field of the study of Serbian and Bosniak literature, that is, literature of the Southern Slavic interliterary community in general.

Outcome of the course: Students are empowered to study the terms of the contemporary theory of literature, for independent and practical study of the Bosniak literature, that is, literature of the South Slavic interliterary community.

Title of the course: Introduction to General Linguistics

Objective of the course: The objective of the course is to introduce students to the basic settings of linguistics as a science of language with characteristics and language divisions in the world.

Outcome of the course: After this course, the student is able to recognise the characteristics of the language and writing, to adopt linguistic norms, to study language and language models and directions in linguistics.

Title of the course:

2.1.1.3. English Language 1

ESPB: 3

Objective of the course: Systematic improvement of communicative competence of students. Developing awareness of interlingual, interlinguistic and cultural differences and the necessity for their respect for the purpose of effective communication.

Outcome of the course: At the Pre-intermediate level, students understand texts for listening and written texts, they are having dialogues (introduction, terms related to time, direction, doing shopping, going to doctors, telephone conversations, ordering food and drinks, etc.), discussing various topics, writing shorter and longer texts.

Title of the course:

2.1.1.4. Epistemology 1

ESPB: 3

Outcome of the course:

Title of the course:

2.1.1.5. History of Literary Language with Old Slavic Language

ESPB: 6

Objective of the course: Acquiring knowledge about phonetic, phonological, morphological and syntactic system of Old Slavic language.

Outcome of the course: The student is capable to translate the Old Slavic text into their mother tongue and is capable for grammatical analysis of the text.

Title of the course:

2.1.1.6. Phonetics and Phonology;

ESPB: 6

Objective of the course: Adopting theoretical and pragmatic basics of linguistic analysis of phonetic and phonological systems of standard (literary) language.

Outcome of the course: Acquiring the full ability to define the articulation of Bosnian standard language sounds as well as to define the morphophonological conditions of phonemic alternatives in the standard language. Ability to define orthopheric norms and its relation to the spelling system of the standard language.

Title of the course:

2.1.1.7. English Language 2

ESPB: 3

Objective of the course: Language knowledge and skills at the Pre-intermediate level.

Outcome of the course: At the Pre-intermediate level, students understand texts for listening and written texts, they are having dialogues (introduction, terms related to time, direction, doing shopping, going to doctors, telephone conversations, ordering food and drinks, etc.), discussing various topics, writing shorter and longer texts.

Title of the course:
2.1.1.8.   Norm and Culture of the Standard Language

ESPB: 4

Objective of the course: Mastering the spelling standard of the Bosnian language and insight into the conceptual and terminological apparatus of the orthographic domain of standardised Southern Slavic languages.
Outcome of the course: Training students for a proper use of spelling of the standardised (literary) language.
Title of the course: Revolutionary Poetry; ESPB: 6
Objective of the course: Introducing the students to the main courses of oral and written Revolutionary literature with a special emphasis on her presence in the Southern Slavic national literature. The secondary objective is to introduce students with the consideration of this literature as an engaged artistic act and an attempt to give the theoretical and valuable judgment on this type of literary testimony both as the literary phenomenon, as well as regarding some individual authors and deeds.
Outcome of the course: The required works being read, the knowledge of the primary and secondary literature, the ability for independent analysis, interpretation and evaluation of literary works.

Title of the course:
2.1.1.9.   Epistemology 2

ESPB: 3

Objective of the course:

Title of the course:
2.1.1.10. Professional Practice 1

ESPB: 2

Objective of the course: The aim of the implementation of professional practice is that students are practically acquainted with all segments of future occupation, to be able to gain experience, which they will use in their future work, in contact with concrete content in order to deepen their methodical, methodological, theoretical and general knowledge and skills with special accent on modern trends.
Outcome of the course: The outcome of the course is to familiarise students with the topics relevant to the adoption of the latest methodological knowledge that can be applied in our conditions, and

thus to make teaching more meaningful, more complete, more productive and more attractive, linking teaching content with practical work, building correlation among students between contents of teaching subjects and institutions of the society in which they live.

2.1.2. SECOND YEAR BOSNIAN LANGUAGE AND LITERATURE

Title of the course:
2.1.2.1.   Morphology 1

ESPB: 7

Objective of the course: Adopting theoretical and pragmatic bases of linguistic analysis of morphological and formational systems of standard (literary) language.
Outcome of the course: Acquiring full capabilities for defining and analysing morphological and formational systems of the standard language. Ability to apply acquired knowledge in the following courses of syntactic analysis of language statements.

Title of the course:
2.1.2.2.   Introduction to Bosnistics and the Older Bosnian Literature

ESPB: 7

Objective of the course: Complete elaboration of the basic subject-problematic and methodological-procedural initiations of the Bosnistics as a scientific-research area and its position within (Southern) Slavic literary and cultural studies, as well as the improvement of basic literary, historical and cultural poetic knowledge.
Outcome of the course: Training students to adopt and use the basic subject-problematic and methodological-procedural determinations of the Bosnistics as a scientific-research area and its position within (Southern) Slavic literary and cultural studies.

Title of the course:
2.1.2.3.   Oral Literature

ESPB: 6

Objective of the course: Introducing students to the basic poetic concepts of lyrical, epic, prose and lyric-narrative types of oral literature with a special emphasis on Southern Slavic oral literature.
Outcome of the course: The aim is to enable students to independently master the basic concepts, methodology and problematics of all the kinds of the Southern Slavic oral poetry and prose.

Title of the course:
2.1.2.4. English Language 3

ESPB: 4

Objective of the course: Language knowledge and skills at the Intermediate level.

Outcome of the course: At the Intermediate level, students understand texts for listening and written texts (from general to detailed), they conduct dialogues (telephone conversations, ordering food and drinks), discuss different topics (comment on the education system, give arguments, give tips on nutrition, choice of study), write shorter and longer texts (letters, describe people and events, biography, application letter, letter of criticism, etc.).

Title of the course:
2.1.2.5. Morphology

ESPB: 7

Objective of the course: Adoption of theoretical and pragmatic bases of linguistic analysis of morphological and formational systems of standard (literary) language.

Outcome of the course: Acquiring the full ability to define and analyse morphological and creative systems of the standard language. Ability to apply acquired knowledge in the following courses of syntactic analysis of language statements.

Title of the course:
2.1.2.6. Newer Bosniak Literature

ESPB: 6

Objective of the course: Complete literary-scientific elaboration of historical-developmental processes and phenomena, as well as representative authorial achievements and other relevant phenomena of recent Bosniak literature (Renaissance).

Outcome of the course: Students acquire systematic knowledge of contemporary Bosniak literature as well as the ability to perceive the values of Bosniak literature in relation to the world's.

Title of the course:
2.1.2.7. Historical Grammar of Southern Slavic Languages

ESPB: 5

Objective of the course: The main objective of the course is for students to gain a more comprehensive insight into the mainstreams of language evolution, that is, the development of the sound system of the Bosniak language from the earliest times to the present. In this sense, the main phenomena are observed from the aspect of the genetic and evolutionary aspect, relying on concrete sources for studying the history of the language, i.e., on written monuments, dialects, onomastic materials, etc.

Outcome of the course: By gradually mastering the historical method in linguistics, students are trained for a more comprehensive and linguistically more precise and well-founded understanding of all phenomena related to the sound system in contemporary language, so that they are able to understand and explain linguistic phenomena in the widest sense, not only from the aspect of the standard language, but from other broader linguistic aspects as well.

Title of the course:

2.1.2.8.   English Language 4

ESPB: 4

Objective of the course: Language knowledge and skills at the Intermediate level.

Outcome of the course: At the Intermediate level, students understand texts for listening and written texts (from general to detailed), they conduct dialogues (telephone conversations, ordering food and drinks), discuss different topics (comment on the education system, give arguments, give tips on nutrition, choice of study), write shorter and longer texts (letters, describe people and events, biography, application letter, letter of criticism, etc.).

Title of the course:

2.1.2.9.   Professional Practice 2

ESPB: 2

Objective of the course: The aim of the implementation of professional practice is that students are practically acquainted with all segments of future occupation, to be able to gain experience, which they will use in their future work, in contact with concrete content in order to deepen their methodical, methodological, theoretical and general knowledge and skills with special accent on modern trends.

Outcome of the course: The outcome of the course is to familiarise students with the topics relevant to the adoption of the latest methodological knowledge that can be applied in our conditions, and thus to make teaching more meaningful, more complete, more productive and more attractive, linking teaching content with practical work, building correlation among students between contents of teaching subjects and institutions of the society in which they live.

2.1.3. THIRD YEAR BOSNIAN LANGUAGE AND LITERATURE

Title of the course:

2.1.3.1.   Syntax 1

ESPB: 7

Objective of the course: Adoption of theoretical and pragmatic bases of linguistic analysis of syntactic-semantic systems of standardized (literary) language.

Outcome of the course: Acquiring full capability to analyse syntactic systems of standardised language. Ability to apply acquired knowledge in a syntax analysis of discourse of various

functionality layers of linguistic expression, i.e., for the application of analysis in the lecturer's, teacher's, translation and other domains.

Title of the course:
2.1.3.2. Contemporary Bosniak Literature of the First Half of the 20th Century

ESPB: 6

Objective of the course: The elaboration of the historical development processes and phenomena, as well as the representative authorial achievements of contemporary Bosniak literature of the first half of the 20th century.

Outcome of the course: Comprehensive literary and scientific elaboration of the historical development processes and phenomena, as well as representative achievements of the Bosniak literature of the first half of the 20th century.

Title of the course:
2.1.3.3. Teaching Methods 1

ESPB: 6

Objective of the course: Introducing students with basic methodical problems and characteristics of teaching languages and literature in elementary and secondary schools.

Outcome of the course: Training students for the practical application of knowledge from the language methodology.

Title of the course:
2.1.3.4. Introduction to Literary Theories;

ESPB: 5

Objective of the course: Comprehensive elaboration and adoption of the basic concepts, terms and interpretative-analytical strategies and procedures of traditional, modern and postmodern approaches to literature, starting from biographism and positivism to poststructuralism, as well as their applicative possibilities, especially in the field of the study of Serbian literature,i.e., literature of Southern Slavic interliterary community in general.

Outcome of the course: The course enables students to elaborate and adopt basic concepts, terms as well as interpretive analytical strategies and procedures for traditional, modern and post-modern approaches to literature.

Title of the course:
2.1.3.5. Culture of Speech;

ESPB: 6

Objective of the course: Introduction to the basic components of speech culture. Adoption of theoretical knowledge and their application in (own) language communication.

Outcome of the course: Students' ability to apply knowledge in oral and written communication. Developing self-confidence among students to perform in front of the audience.

Title of the course:

2.1.3.6. Syntax 2

ESPB: 5

Objective of the course: Adoption of theoretical and pragmatic bases of linguistic analysis of syntactic-semantic systems of standardized (literary) language.

Outcome of the course: Acquiring full capability for defining and analysing syntax systems of a standardized language.

Title of the course:

2.1.3.7. Contemporary Bosniak Literature of the Other Half of the 20th Century

ESPB: 6

Objective of the course: A comprehensive literary study of historical development processes and phenomena, as well as representative authorial achievements of contemporary Bosniak literature of the second half of the 20th century.

Outcome of the course: Comprehensive literary study of the historical development processes and phenomena and representative authorial achievements of the Bosniak literature of the second half of the 20th century.

Title of the course:

2.1.3.8. Literature for Children

ESPB: 5

Objective of the study: Students should be able to analytically approach to works of literature for children as an artistic, psychological and pedagogical phenomenon, as well as to become acquainted with the beginnings and development of literature for children in the context of world and Serbian literature.

Outcome of the study: Knowledge of the specificity of themes, poetics and educational features of literature for children.

Title of the course:

2.1.3.9. Professional Practice 3

ESPB: 2

Objective of the course: The aim of the implementation of professional practice is that students are practically acquainted with all segments of future occupation, to be able to gain experience, which they will use in their future work, in contact with concrete content in order to deepen their methodical, methodological, theoretical and general knowledge and skills with special accent on modern trends.

Outcome of the course: The outcome of the course is to familiarize students with the topics relevant to the adoption of the latest methodological knowledge that can be applied in our conditions, and thus to make teaching more meaningful, more complete, more productive and more attractive, linking teaching content with practical work, building correlation among students between contents of teaching subjects and institutions of the society in which they live.

2.1.4. FOURTH YEAR BOSNIAN LANGUAGE AND LITERATURE

Title of the course:

2.1.4.1.   Semantics;

ESPB: 6

Objective of the course: Adoption of theoretical and pragmatic basics of semantic analysis of language statement.

Outcome of the course: Acquiring basic skills for defining and analysing standardised semantic systems. Ability to apply acquired knowledge in syntactic-semantic analysis of discourses of various functionality layers of linguistic expression.

Title of the course:

2.1.4.2.   Linguistic stylistics

ESPB: 6

Objective of the course: Adoption of theoretical and pragmatic basics of the linguistic stylistic analysis of syntactic-semantic systems of the standard (literary) language.

Outcome of the course: Acquiring full ability to define and analyse stylogenic resources in the implementation of a standard language. Ability to apply acquired knowledge for the analysis of discourses of various functional-style layers of language expression.

Title of the subject:

2.1.4.3.   Dialectology with Accentology

ESPB: 5

Objective of the course: With the emphasised application of the methods of linguistic geography, the main isoglosses will be considered, but also the main dialectical and spoken types. All in order to bring students closer to the dialect as a concrete organic idiom.

Outcome of the course: Students examine the spoken or the dialectical integrity of the Bosnian language and its division into 5 dialects and 14 subdialects and the ratio of that speaking area to the wider Shtokavshtin, according to the Chakavski and Kajkavski dialects, but also to the wider Southern Slavic dialectic image.

Title of the course:

2.1.4.4.   Introduction to Comparative Study of Southern Slavic Languages

ESPB: 5

Objective of the course: Comparative studies of Southern Slavic literature and key historical development processes and the emergence of literature of the Southern Slavic interliterary community in their mutual similarities and differences.

Outcome of the course: Students' competence for a comparative study of Yugoslav literature.

Title of the course:

2.1.4.5.   Academic Skills

ESPB: 6

Objective of the course: The general objective of the course is to introduce students to the theory of pedagogical knowledge and the logical forms of pedagogical research and to the theory of pedagogical research. The acquiring of knowledge and skills within the academic writing as a separate discourse. Introduction to methods of research from the formation of the topic, through the gathering of material and documentation, the adoption and application of different reading strategies, the research of primary and secondary literature and sources to the establishment of the thesis and the implementation of argumentation according to the logical deduction and induction standard. Adopting the principles of scientific ethics. Mastering the methodology of writing a scientific work.

Outcome of the course: Student is able to: independently determine the epistemological settings of concrete research on the basis of which he will be able to develop a project of scientific research, conduct a research; make appropriate conclusions and write an exploratory report; that in the collection and processing of data and the interpretation of empirical results independently apply the procedure of descriptive statistics and statistics of conclusion.

Title of the course:

2.1.4.6.   Contemporary World Literature

ESPB: 5

Objective of the course: Introduce students to the main courses and epochs of contemporary world literature and with the capital poetic thought of modernism, symbolism, avant-garde, modern, post-modern and current literary flows; introduce students to a synchronous approach to aesthetic consideration of literature through poetic parallels and opposites.

Outcome of the course: The required works being read, the knowledge of the primary and secondary literature, the ability for an independent analysis, interpretation and evaluation of literary works.

Title of the course:

2.1.4.7.   Final Work

ESPB: 3

Objective of the course: To demonstrate that the candidate is able to perform professional (or scientific) research, apply adequate methods of data gathering and processing and independently write professional or scientific work.

Outcome of the course: Independent professional or scientific work.

2.2.   SERBIAN LANGUAGE AND LITERATURE

2.2.1. FIRST YEAR SERBIAN LANGUAGE AND LITERATURE

The title of the course:
2.2.1.1.   Introduction to World Literature

ECTS: 9

The objective of the course: To introduce students with mainstream and epochs in world books from antiquity to the 19th century and with capitalist poetic thought of antiquity, renaissance and classicism. To introduce to students to the synchronous attack aesthetic considerations literature by poetic parallels and contrasts.

The outcome of the course: Reading of obligatory work, knowledge of basic and secondary literature responses, ability to independently analyze, interpret and perform bookkeeping.

The title of the course:

2.2.1.2.   Informatics Basics

ECTS: 4

The objective of the course: To introduce students to the basic concepts in informatics, as well as the importance of informatics for modern business, developing practical skills in the use of software tools which students will use through their education in college.

The outcome of the course: The students are able to use word processing programs, tabular calculation, create presentations and web search.

The title of the course:

2.2.1.3.   Introduction to the Theory of Literature

ECTS 6

The objective of the course: Completed elaboration of the basic concepts and terms of contemporary literary theory and their application possibilities, accompanying interpretative and analytical strategies, particularly in the field of study of Serbian and Bosnian literature, or literature inter literary South Slavic community.

The outcome of the course: Students are able to research terms of the theory of literature. Bosnians' literature.

The title of the course:

2.2.1.4.   Introduction to General Linguistics

ECTS 5

The objective of the course: Introducing student in the science about language, their characteristics and classifications.

The outcome of the course: After this course being finished, students should be enabled for recognizing the characteristics of the language and script, language norms, for studying language, modules and directions in the linguistic.

The title of the course:

2.2.1.5. Epistemology 1

ECTS 3

The objective of the course:
The outcome of the course:

The title of the course:

2.2.1.6. History of Literary Language and the Old Slavic Language

ECTS: 6

The objective of the course: To acquire knowledge about phonetic-phonological, morphological and syntactic system of Old-Slavic language.
The outcome of the course: The student is qualified to translate the Old English text into his native language and student is qualified for grammatical analysis of this text.

The title of the course:

2.2.1.7. Phonetics and Phonology

ECTS: 6

The objective of the course: Acquisition of theoretical and pragmatic basics of linguistic analysis of phonetic and phonological systems of standard (literary) language.
The outcome of the course: Acquiring full qualifications for defining the articulation of Bosnian standard language votes as well as defining the morphophonological conditions of phonemic alternatives in the standard language. Ability to define norms and its relation to the spelling system of the standard language.

The title of the course:

2.2.1.8. English Language 2

ECTS: 3

The objective of the course: Language skills and knowledge at the Pre-Intermediate level.
The outcome of the course: At the Pre-Intermediate level students understand texts for listening and written texts, leading dialogues (time, direction, shopping, doctor, telephone conversations, food and drinks, etc.), and discussing different themes. They write shorter and longer texts.

The title of the course:

2.2.1.9. Norm and Standard Language Culture

ECTS 4

The objective of the course: Mastering the spelling norm of the Bosnian language and insight into the conceptual and terminological apparatus of the orthographic domain of the standardized South Slavic language.

The outcome of the course: Training students for proper use of the standardized language spelling.

The title of the course:

2.2.1.10. Revolutionary Literature;

ECTS 6

The objective of the course: To familiarize students with the mainstream of oral and written revolutionary literature with special emphasis on its presence in the South Slavic national literature. The secondaryaim is to introduce students in consideration of the literature as active in the process and attempt to provide a theoretical and value judgment of this kind of literary testimony to both according to the literary phenomenon and the individual authors and works.

The outcome of the course: Reading obligatory works, knowledge about appropriate basic and secondary literature, and ability for independent analysis, interpretation and evaluation of literary works.

The title of the course:

2.2.1.11. Epistemology 2;

ECTS 3

The objective of the course:
The outcome of the course:

The title of the course:

2.2.1.12. Professional Practice 1;

ESPB: 2

The objective of the course: The aim of the implementation of professional practice is that students are practically acquainted with all segments of future occupation, to be able to gain experience, which they will use in their future work, in contact with concrete content in order to deepen their methodical, methodological, theoretical and general knowledge and skills with special accent on modern trends.

The outcome of the course: The outcome of the course is to familiarize students with the topics relevant to the adoption of the latest methodological knowledge that can be applied in our conditions, and thus to make teaching more meaningful, more complete, more productive and more attractive, linking teaching content with practical work, building correlation among students between contents of teaching subjects and institutions of the society in which they live.

2.2.2. SECOND YEAR SERBIAN LANGUAGE AND LITERATURE

The title of the course:

2.2.2.1. Morphology 1

ECTS: 7

The objective of the course: Acquisition of theoretical and pragmatic basis of linguistic analysis of morphological and formative system of standard (literary) language.
The outcome of the course: Gaining full competence for defining and analyzing the morphological and formative of standard language. Ability to apply gained knowledge in the following courses of syntactic analysis of language testimonials.

The title of the course:

2.2.2.2. Medieval Serbian Literature;

ECTS 7

The objective of the course: To master with knowledge of the genre system, the beginnings and general features of this era. Introduction to the main writers and works of Serbian medieval literature.
The outcome of the course: Knowledge of the poetic of genres and the most important writers and works of Serbian medieval literature.

The title of the course:

2.2.2.3. Oral Literature;

ECTS: 6

The objective of course: To introduce students to the basic poetic concepts of lyrical, epic, prose and lyric-narrative types of oral literature with a special attention on South Slavic oral literature.
The outcome of the course: Is to enable students to master the basic concepts, methodology and problems of all types of South Slavic oral poetry and prose.

The title of the course:

2.2.2.4. English Language 3

ECTS: 4

The objective of the course: Language skills and knowledge at the Intermediate level.
The outcome of the course: Students understand texts for listening and written texts (from general to detailed), dialogues (telephone conversations, food and drinks), discussing different topics (commenting about the education system, giving arguments, giving advice, choice of study), write shorter and longer texts (letters, describe people and events, biography, motivation letter, letter of criticism, etc.).

The title of the course:
2.2.2.5. Morphology

ECTS: 7

The objective of the course: Acquisition of theoretical and pragmatic basis of linguistic analysis of morphological and formative system of standard (literary) language.

The outcome of the course: Gaining full competence for defining and analyzing the morphological and formative of standard language. Ability to apply gained knowledge in the following courses of syntactic analysis of language testimonials.

The title of the course:
2.2.2.6. Literature from Renaissance to Rationalism;

ECTS: 6

The objective of the course: To introduce students with the main characteristics and basic representatives, as well as streams, phenomena and literary works from Renaissance to Rationalism.

The outcome of the course: Knowledge of the basic characteristics of Renaissance and basic poetic characteristics of Renaissance literature in the South Slavic area. Knowledge about the most important works and creators (artist) in the historical sequence.

The title of the course:
2.2.2.7. Historical Grammar of South Slavic Languages;

ECTS: 5

The objective of the course: Is to provide students with an in-depth insight into the main flows of language evolution, the development of the voice system of Bosnian language. In this sense, the main phenomena are monitored from the aspect of the genetic and evolutionary aspect, relying on specific sources for studying the history of the language on written monuments, dialects, onomastic materials, etc.

The outcome of the course: Students are trained for more comprehensive and linguistically more precise and more meaningful understanding of all phenomena related to the voice system in contemporary language, so that they are able to understand and explain linguistic phenomena in the widest sense of the word, not only from the aspect of standard language, but also from other wider linguistic aspects.

The title of the course:
2.2.2.8. English Language 4

ECTS: 4

The objective of the course: Language skills and knowledge at the Intermediate level.

The outcome of the course: Students understand texts for listening and written texts (from general to detailed), dialogues (telephone conversations, food and drinks), discussing different topics (commenting about the education system, giving arguments, giving advice, choice of study), write

shorter and longer texts (letters, describe people and events, biography, motivation letter, letter of criticism, etc.).

The title of the course:

2.2.2.9. Professional Practice 2

ESPB: 2

The objective of the course: The aim of the implementation of professional practice is that students are practically acquainted with all segments of future occupation, to be able to gain experience, which they will use in their future work, in contact with concrete content in order to deepen their methodical, methodological, theoretical and general knowledge and skills with special accent on modern trends.

The outcome of the course: The outcome of the course is to familiarize students with the topics relevant to the adoption of the latest methodological knowledge that can be applied in our conditions, and thus to make teaching more meaningful, more complete, more productive and more attractive, linking teaching content with practical work, building correlation among students between contents of teaching subjects and institutions of the society in which they live.

2.2.3. THIRD YEAR SERBIAN LANGUAGE AND LITERATURE

The title of the course:

2.2.3.1. Syntax 1

ECTS: 7

The objective of the course: Acquisition of theoretical and pragmatic basis of linguistic analysis of syntactic-semantic system of standardized (literary) language.

The outcome of the course: Acquisition of full competence to analyze syntactic system of standardized languages. Ability to apply the acquired knowledge in the syntactic analysis of the discourse of the various layers of linguistic expression.

The title of the course:

2.2.3.2. Serbian Literature of the 18th and 19th Centuries

ECTS: 6

The objective of the course: Acquiring necessary literary and theoretical knowledge of Serbian literature from the early 18th to the late 19th century, and the introduction of students in the science of literature.

The outcome of the course: Students are expected to gain a permanent and good knowledge of Serbian literature from the early 18th to the late 19th century, to expand knowledge of literary theory and literary history.

The title of the course:
2.2.3.3. Teaching Methods 1

ECTS: 6

The objective of the course: To introduce students with methodical basic problems and characteristics of teaching languages and literature in elementary and secondary schools.

The outcome of the course: Training students for practical application of knowledge from the language methodology.

The title of the course:
2.2.3.4. Introduction to Literary Theories

ECTS: 5

The objective of the course: Learning the basic concepts, terms, procedures, traditional, modern and post-modern approach to literature, beginning of positivism through to post-structuralism, as well as their application possibilities.

The outcome of the course: Students will be able to acquire basic concepts, terms and interpretative and analytical strategies and procedures of traditional, modern and post-modern approach to literature.

The title of the course:
2.2.3.5. Syntax 2

ECTS: 5

The objective of the course: Acquisition of theoretical and pragmatic basis of linguistic analysis of syntactic-semantic system of standardized (literary) language.

The outcome of the course: Acquisition of full competence to analyze syntactic system of standardized languages. Ability to apply the acquired knowledge in the syntactic analysis of the discourse of the various layers of linguistic expression.

The title of the course:
2.2.3.6. Serbian Literature of the First Half of the 20th Century

ECTS: 6

The objective of the course: Acquisition knowledge and understanding of methodological and methodical laws and theories in teaching Serbian literature. Knowledge and understanding of Contemporary texts, empowering for independent Work.

The outcome of the course: The student is able to interpret literary texts independently, to notice the essential characteristics of the period of avant-garde and interwar literature.

The title of the course:
2.2.3.7. Literature for Children

ECTS: 5

The objective of the course: To enable students to be analytically approached by works of literature for children as an artistic, psychological and pedagogical phenomenon, as well as getting to know the beginnings and development of literature for children in the context of world and Serbian literature.
The outcome of the course: Knowledge of specifics themes, poetry and educational characteristics of literature for children.

The title of the course:
2.2.3.8. Methodology of teaching 1

ECTS: 6

The objective of the course: To introduce students with methodical basic problems and characteristics of teaching languages and literature in elementary and secondary schools.
The outcome of the course: Training students for practical application of knowledge from the language methodology.

The title of the course:
2.2.3.9. Professional Practice 3

ESPB: 2

The objective of the course: The aim of the implementation of professional practice is that students are practically acquainted with all segments of future occupation, to be able to gain experience, which they will use in their future work, in contact with concrete content in order to deepen their methodical, methodological, theoretical and general knowledge and skills with special accent on modern trends.
The outcome of the course: The outcome of the course is to familiarize students with the topics relevant to the adoption of the latest methodological knowledge that can be applied in our conditions, and thus to make teaching more meaningful, more complete, more productive and more attractive, linking teaching content with practical work, building correlation among students between contents of teaching subjects and institutions of the society in which they live.

2.2.4. FOURTH YEAR SERBIAN LANGUAGE AND LITERATURE

The title of the course:
2.2.4.1. Semantics

ECTS: 6

The objective of the course: Acquisition of theoretical and pragmatic basis for semantic analysis of linguistic expression.

The outcome of the course: Acquiring basic abilities for defining and analyzing semantic systems of the standard language. Ability to apply acquired knowledge in syntactic-semantic analysis of discourse of various layers of linguistic expression.

The title of the course:

2.2.4.2. Linguistic Stylistics

ECTS: 6

The objective of the course: Acquisition of theoretical and pragmatic basis lingo-stylistic analysis syntactic-semantic system of standard (literary) language.

The outcome of the course: Ability to apply acquired knowledge to a discourse analysis of various layers of language expression.

The title of the course:

2.2.4.3. Serbian Literature of the Second Half of the 20th Century;

ECTS: 6

The objective of the course: Acquisition of comprehensive and systematic knowledge of contemporary Serbian literature in the first half of the 20th century, which will help in future teaching and interpretations of literary texts. Training for independent teaching work.

The outcome of the course: The student is qualified to interpret modern and contemporary texts, to perceive the essential characteristics of a modern, interwar and contemporary literature.

The title of the course: Dialectology with Accent; ECTS: 5

The objective of the course: With the emphasized application of methods of linguistic geography, the main dialects will be observed, but also the main dialectical and speech types.

The outcome of the course: Students examine the dialectical integrity of the Bosnian language and its division into 5 dialects and 14 sub dialects and the ratio of that speaking space to the wider Stokavian, according to the Chakavian and Kakavian dialects, but also to the wider South Slavic dialectic image.

The title of the course:

2.2.4.4. Introduction to Co-operative Study of South Slavic Languages

ECTS: 5

The objective of the course: Comparative study of South Slavic literature and main historical and developmental processes and the emergence of literature of the South Slavic inter literary community in their mutual similarities and differences.

The outcome of the course: Qualifying students for the comparative study of South Slavic literature.

The title of the course:

2.2.4.5. Academic Writing

ECTS: 6

The objective of the course: The overall goal of this course is to introduce students to the theory of pedagogical knowledge and logical forms of educational research.
The outcome of the course: The ability of a student to independently determine the epistemological foundation of the research. Ability to develop a project of scientific research work.

The title of the course:

2.2.4.6. Contemporary World Literature

ESPB: 5

The objective of the course: To introduce students to the main streams and epochs of contemporary world literature and to the capital poetic thinking of modernism, symbology, avant-garde, modern, post-modern flows; introduce students to the synchronous approach aesthetic considerations literature through poetic parallels and contrasts.
The outcome of the course: Reading obligatory works, knowledge of primary and secondary literature, ability for independent analysis and interpretation of literary texts.

The title of the course:

2.2.4.7. Final Work

ECTS: 5

The objective of the course: Demonstrate that the candidate is able to perform scientific research, apply adequate methods of data collection and processing, and independently write scientific work.
The outcome of the course: Scientific research.

2.3. ENGLISH LANGUAGE AND LITERATURE

2.3.1. FIRST YEAR ENGLISH SERBIAN LANGUAGE AND LITERATURE

The title of the course:

2.3.1.1. Contemporary English Language 1;

ESPB: 6

The objective of the course: To develop linguistic and communicative abilitites of students from an independent level to an expert level (B2), according to the Common European Language Framework, in all language skills (comprehension, speech, reading and writting), in the field of grammar, lexical, and culture in which english language belongs.

The outcome of the course: in the and of the course student should be able to use (in context that literature provides) the abilites of reading, writting, listening and speech at the level B2 Common European Language Framework for Living Languages; to use on the same level vocabulary and grammatical units that are covered by literature.

The title of the course:

2.3.1.2. Introduction to English literature studies

ESPB: 4

The objective of the course: After completed course student should be trained to: understand multidisciplinary character of English language studies that implies not only linguistics, but cultural knowledge as well; to be able to put British culture in global context.

The outcome of the course: To use competently facts about whole history of British civilization; to be able to keep up with future students, to convey not only knowledge of english language, but cultural context as well in which that language is used with all relevant details;

The title of the course:

2.3.1.3. Phonetics

ESPB: 5

The objective of the course: Introduction to basic concepts in phonetics, and basic principles of phonological analysis in theoretical framework of phonemes and distinctive features. Practical work in spoken English language: reduction of (foreign accent) and raising awareness of students about the role of pronunciation in their overall competence in the spoken English language.

The outcome of the course: Improving the skill of listening and understanding, speaking (pronunciation), reading and comprehension: students are trained to use the phonemic transcription system, to write by dictation (orthographic and phonemic), and to read Phonemean written text; student can hear, differentiate, articulate, transcribe and describe all relevant segments of the English language.

The title of the course:

2.3.1.4. The basis of informatics

ESPB: 4

The objective of the course: Is to introduce students to the basic concepts in iformatics, as well as the importance of informatics for modern business. Developing practical skills in the use of software tools, which students will use during college education.

The outcome of the course: students' are able to use programs for wordd processing, tabulation, presentations, and internet search.

The title of the course:

2.3.1.5. Introduction to Lingustic Basics

ESPB: 5

The objective of the course: Is to introduce students to the basic settings of lingustics as a science of language with characteristics and division of language in the world

The outcome of the course: After this course student is able to recognize the charateristics of the language and scrpit, to adopt lingustic norms, to study language and language models and directions in lingustics.

The title of the course:

2.3.1.6. German Language 1

ESPB: 3

The objective of the course: Adoption of basic language abilities from level A1(with interactive teaching and new learning strategies, as well as learning autonomy)

The outcome of the course: At level A1, students are able to introduce themselsves, others, their families, to conduct short telephone conversations, ask for help, understant information from written texts and texts for listening (from global to detailed), lead short dialogues, ask for help, describe their leisure time, working day, writting shorter text, messages, e-mail.

The title of the course:

2.3.1.7. Epistemology 1

ESPB: 3

The objective of the course:
The outcome of the course:

The title of the course:

2.3.1.8. Contemporary English Language 2

ESPB: 8

The objective of the course: Is to study the English language grammar at the FCE level (First Certificate of English), expanding the materials in order to master the structure that involve the

FCE exam, developing all four languages abilities of students by mastering the basis for proper English language expression, reading text, comprehension and use adequate grammatical and lexical structures.

The outcome of the course: At the end of the course, the student should be able to use (in the context that literature provides) abilities in reading, writting, listening and speaking at B2 level if the Common European Framework for Living Languages; at the same level, to use vocabulary and grammatical units covered by literature.

The title of the course:
2.3.1.9. English Literature 1

ESPB: 4

The objective of the course: Is to introduce students to the study of the literature, presenting them basic concepts and questions regarding the origin and function of literature

The outcome of the course: By studying these texts, after passing the exam, students are expected to master basic literary-critical terms and principles and be able to apply them in text analysis; to gain knowledge of key literary works and the main features of the literary-historical period to which they belong; to acquire, or develope, the "sense of history".

The title of the course:
2.3.1.10. German Language 2

ESPB: 3

The objective of the course: Language skills and knowledge level A1.1 (with interactive teaching and new learning strategies, as well as learning autonomy)

The outcome of course: Level A 1.1. students understand information from written texts and texts for listening, conducting dialogues (telephone conversations, ordering food and drinks), describing evening outings and favorite places, referring to the type of food.

The title of the course:
2.3.1.11. Standard and Culture of the Standard Language

ESPB: 4

The objective of the course: To master the spelling standard of the Bosnian language and to inspect the conceptual and terminological apparatus of the orthodox domain of standardized South Slavonic languages.

The outcome of the course: Training students for proper use of the standardized (literary) spelling.

The title of the course:
2.3.1.12. Epistemology 2

ESPB: 3

The objective of the course:
The outcome of the of the course:

The title of the course:

2.3.1.13. Professional Practice 1

ESPB: 2

The objective of the course: The goal of the implementation of vocational education is to get students practically familiar with all segments of the future profession, to enable them to acquire experiences that will be able to apply them in future work, in order to deepen their methodical, methodological, theoretical and general knowledge and art with special emphasis on modern trends.

The outcome of the course: The outcome of the course is to introduce students to topics relevant to the adoption of the latest methodological knowledge that can be applied in our conditions, thus making teaching more meaningful, more complete, more productive and more attractive, linking teaching content with practical work, building student correlation between teaching content and the institutions and institutions of the society in which they live.

2.3.2. SECOND YEAR ENGLISH LANGUAGE AND LITERATURE

The title of the course:

2.3.2.1. Contemporary English Language 3

ESPB: 8

The objective of the course: Competent knowledge of the thematic units that are being studied during the semester, given vocabulary as well as the mentioned grammar units, writing essays, reading and listening.

The outcome of the course: Developing the practical skills of applying reading, writing, listening and speaking skills at the level B2 of the Common European Framework for Living Languages and the use of vocabulary and grammar units covered by literature.

The title of the course:

2.3.2.2. Introduction to Theories of the Literature;

ESPB: 6

The objective of the course: Complete elaboration and adoption of the basic concepts and concepts of modern literary theory, as well as their applicative possibilities, the accompanying interpretive-analytical strategies, especially in the field of the study of Serbian and Bosniak literature, or the literature of the South Slavic interliterary community in general.

The outcome of the course: Students are trained to study the notions of contemporary theory of literature, for independent and practical study of the Bosniak literature, that is, literature of the South Slavic interliterary community.

The title of the course:
2.3.2.3.   English Literature 2

ESPB: 6

The objective of the course: The course aims to familiarize students with aesthetic and ideological attributes of British classicism (1700-1745) and sentimentalism (1745-1800) and the most important writers of these literary directions through representative texts. One of the important goals is to develop students' abilities for oral and written analysis of literary texts.

The outcome of the course: The course enables students to acquire literary-historical knowledge, develop skills in the analysis of literary texts and expression in the field of humanities. By mastering the envisaged program, the student will be able to discuss competently and write about the literature of British classicism and sentimentalism.

The title of the course:
2.3.2.4.   German Language 3

ESPB: 4

The objective of the course: Language skills and level A2. (with interactive teaching and new learning strategies, as well as learning autonomy)
The outcome of the course: At level A2. Students are able to understand information from written texts and texts for listening (from global to detailed), leading a dialogue (about weather forecast), commenting on travel events (free speech), describing scenes from movies, conducting a survey of films and referring to it, preparing a tourist advertise and present a group project, write texts (newspaper article).

The title of the course:
2.3.2.5.   Contemporary English Language 4;

ESPB: 6

The objective of the course: Developing general and specific competencies in order to acquire knowledge from modern English, which involves the adoption of new vocabulary, grammar rules and rules of writing, correct pronunciation and reading.
The outcome of the course: After passing the subject of SEJ4, students can: speak English at level B2 + in all four linguistic skills (listening, reading, writing and speaking), using different types of complex sentences, using a rich lexicon to talk about the most diverse aspects of everyday life, write a well-organized, argumentative and grammatically accurate passage.

The title of the course:

2.3.2.6. English Literature 3

ESPB: 6

The objective of the course: The course aims to familiarize students with the aesthetic and ideological features of English literature of the Victorian era through representative texts and points to the interaction of literature and intellectuals of the 19th century. One of the important goals is to develop students' abilities for oral and written analysis of literary texts.

The outcome of the course: The course enables students to acquire literary-historical knowledge, develop skills in the analysis of literary texts and expression in the field of humanities. By mastering the envisaged program, the student will be able to discuss competently and write about the literature of the Victorian era.

The title of the course:

2.3.2.7. English Morphology

ESPB: 6

The objective of the course: To gain theoretical and practical knowledge of the English language structure at the organizational level of the word, the key parts of the structure, as well as the relationships that govern them. The course deals with the flexible and derivative morphology of English as one of the basic levels of analysis of the language structure.

The outcome of the course: Students gain the ability to independently recognize structural parts of the word, understand the creation processes, recognize the elements needed in the construction of a word of a complex structure, the ability to understand the changes in meaning based on the elements of the word structure, the principles governing the construction of the word of the English language.

The title of the course:

2.3.2.8. German Language 4

ESPB: 4

The objective of the course: Language skills and knowledge at A2.2 level (with interactive teaching and new learning strategies, as well as learning autonomy)

 The outcome of the course: At A2.2 level, students understand information from written texts and texts for listening (from global to detailed), conducting dialogues (telephone conversations, ordering food and drinks), discussing the topic of study (for / against), commenting on the education system , describe evening outings and favorite places, refer to the type of food, give tips on nutrition, study choices, study, write shorter and longer texts (invitations, restaurant reviews, recipes, biography, motivation letter, application for practice, application for scholarship) .

The title of the course:

2.3.2.9. Professional Practice 2

<div align="right">**ESPB: 2**</div>

The objecitve of the course: The goal of the implementation of vocational education is to get students practically familiar with all segments of the future profession, to enable them to acquire experiences that will be able to apply them in future work, in order to deepen their methodical, methodological, theoretical and general knowledge and art with special emphasis on modern trends.

The outcome of the course: The outcome of the course is to introduce students to topics relevant to the adoption of the latest methodological knowledge that can be applied in our conditions, thus making teaching more meaningful, more complete, more productive and more attractive, linking teaching content with practical work, building student correlation between teaching content and the institutions and institutions of the society in which they live.

2.3.3. THIRD YEAR ENGLISH LANGUAGE AND LITERATURE

The title of the course:

2.3.3.1. Contemporary English Language 5

<div align="right">**ESPB: 6**</div>

The objective of the course: To develop the linguistic and communicative skills of students from an independent level to a professional level (B2 to C1), in the Common European Language Framework, in all language skills (understanding and speaking through speech exercises then reading and writing through learning about the basics of academic writing style , in the field of grammar, lexical, as well as the cultures to which English belongs.

The outcome of the course: The linguistic and communicative competence of students is closer to C1, in understanding and speaking through speech exercises, in grammar and vocabulary; that students understand grammatically and lexically complex texts that can be successfully interpreted and used in oral and written communication; to achieve a high level of cultural competence, intercultural understanding; Students can understand movies and standard dialects, news, and similar programs.

The title of the course:

2.3.3.2. Introduction to American Literature Studies

<div align="right">**ESPB: 6**</div>

The objective of the course: Is to introduce students to American history and culture from the discovery of the American continent to the present day.

The outcome of the course: Adoption of relevant terms and concepts in the field of American history and culture; the ability to analyze events from American history and literature.

The title of t he course: Syntax of the English Language 1; ESPB: 6

The objective of the course: To introduce students with lexical categories and the composition structure of the sentence in English language and with the grammatical function of certain constituent and sentence parts.

The outcome of the course: This course develops knowledge of the English language structure, improves understanding and production of new language structures. The ability to analyze syntactic structures and comparing them raises the level of general knowledge of English language and prepares students for future courses in English language linguistics.

The title of the course:

2.3.3.3.   Foreign Language Teaching Methodology 1

ESPB: 6

The objective of the course: is to enable students to master the necessary theoretical knowledge and abilities for self-sustaining foreign language teaching at pre-school, elementary and secondary school age.

The outcome of the course: Students are expected to get acquainted with the theories, contents, areas and topics relevant to language teaching; to understand and present the complex issues that the methodology deals with; to acquire the necessary experience and to learn the skills for preparing and presenting projects; to learn to prepare and use hendaute in a presentation; to master basic theoretical knowledge relevant to teaching and learning the language; to master theory related to different approaches, methods and techniques.

The title of the course:

2.3.3.4.   Culture Of Speech

ESPB: 6

The objective of the course: Introduction to the basic components of speech culture. Adoption of theoretical knowledge and their application in (own) language communication.

The outcome of the course: Students' ability to apply knowledge in oral and written communication. Developing self-confidence among students to perform in front of the audience.

The title of the course: Contemporary English Language 6; ESPB: 7

The objective of the course: To develop the linguistic and pragmatic competence of students, as well as their communicative performance to the language competence of the professional level (C1) in the Common European Language Framework. It is envisaged that students understand and compel their points of view through learning from vocal exercises, vocabulary, grammar, lexical, etc.

The outcome of the course: Students should reach a level of understanding of the language that allows them to watch movies, TV programs, understand the longer read text, both technical instructions and literary content, clearly identifying stylistic differences.

The title of the course:

2.3.3.5. American Literature

ESPB: 5

The objective of the course: The course introduce basics and transparent course of American literature, which should inform students about the basic features of the development, development and contribution of the given literature. Thus, the course combines informativeness (especially with regard to classical works of American literature), basic theoretical and critical knowledge (as part of the monitoring and analysis of the main works), as well as numerous critical readings that point to multiple possibilities of interpretation in literature.

The outcome of the course: Theoretical aspects - the adoption of relevant terms and concepts and materials in the field of American literature of the 19th century; practical aspects - the ability to analyze the part of American literature of the 19th century.

The title of the course:

2.3.3.6. Syntax of the English Langauge 2

ESPB: 5

The objective of the course: The aim of this course is to prepare students for independent analysis of simple and complex sentences in English. Students will be introduced to the basic settings of transformational-generative syntax and the differences between this approach to analysis and the traditional one. After that, students will learn how to analyze English sentences and their constituent parts according to one of the possible theoretical approaches within the generative syntax.

 The outcome of the course: Students can describe and analyze a very wide range of English syntax structures in detail and to compare them in part with those in their native language, using a structuralist model, analyzing and describing a number of syntax structures using a transformation-generative model and practically using very diverse and complex syntax structures in English.

The title of the course:

2.3.3.7. Foreign Language Teaching Methodology 2

ESPB: 6

The objective of the course: To prepare students and directly experience work in the classroom and to direct their knowledge, skills, abilities and potential to one goal, the only goal - a successful time.

The outcome of the course: professionally discussing their own classes and the hours of their colleagues; to master the techniques of giving and receiving feedback on the work done; to establish the criteria of independent professional development.

The title of the course:

2.3.3.8.   Professional Practice 3

ESPB: 2

The objective of the course: The goal of the implementation of vocational education is to get students practically familiar with all segments of the future profession, to enable them to acquire experiences that will be able to apply them in future work, in order to deepen their methodical, methodological, theoretical and general knowledge and art with special emphasis on modern trends.

The outcome of the course: Is to introduce students to topics relevant to the adoption of the latest methodological knowledge that can be applied in our conditions, thus making teaching more meaningful, more complete, more productive and more attractive, linking teaching content with practical work, building student correlation between teaching content and the institutions and institutions of the society in which they live.

2.3.4. FOURTH YEAR ENGLISH LANGUAGE AND LITERATURE

The title of the course:

2.3.4.1.   Contemporary English Language 7

ESPB: 7

The objective of the course : Is to provide students with knowledge and skills in order to be able to use English at an advanced level, which implies grammatical accuracy and high degree of complexity in the use of syntax constructions, a rich vocabulary that includes knowledge of synonyms, homonyms, collocations, semantic fields , idiomatic and metaphorical dimension of lexical, cultural linguistic specifics, awareness of language variations and vocal exercises.

The outcome of the course: Students are expected to be able to: apply sophisticated methods of expression that reflect their theoretical knowledge and in this way accurately respond to the requirements of the translation, as well as the lexical and grammatical type.

The title of the course:

2.3.4.2.   Anglo-American Literature;

ESPB: 5

The objective of the course: To present the main authors and works of Anglo-American modernism, as well as the most important European literary predecessors; defines the socio-historical, material, and ideological assumptions of the literature of modernism, and, in the context of these assumptions, examines the thematic and formal determinants of the literature of modernism.

The outcome of the course: Upon completion of the course students are expected to know the basic biographical and literary-historical facts about the authors, the works and the period that were the

subject of the study; that, on the basis of careful reading, he is capable of competent interpretation and argumentative evaluation of literary texts of modernism.

The title of the course:

2.3.4.3.   Introduction to Literary Theories

ESPB: 5

The objective of the course: Comprehensive elaboration and adoption of the basic concepts, concepts and interpretative-analytical strategies and procedures of traditional, modern and postmodern approaches to literature, starting from biography and positivism to poststructuralism, as well as their applicative possibilities, especially in the field of the study of Serbian literature, literature of the South Slavic interliterary community in general.

The outcome of the course: The course enables students to elaborate and adopt basic concepts, concepts as well as interpretative-analytical strategies and procedures for traditional, modern and post-modern approaches to literature.

The title of the course:

2.3.4.4.   Contemporary English Language 8

ESPB: 7

The objective of the course: The emphasis in this course is on oral communication based on dialogue, simulations, speech roles, discussion, debates - from the dominant pragmatic point of view. Theoretical work, therefore, implies the basic concepts of discourse analysis, deictics and illicit speech.

The outcome of the course: Students are expected to be able to apply sophisticated methods of expression that reflect their theoretical knowledge in the field of grammar and lexical and in this way accurately respond to the requirements of successful voice communication in accordance with the pragmatic exchange postulate and the specific speech acts, bearing in mind the immediate discourse .

The title of the course:

2.3.4.5.   Lexicology

ESPB: 6

The objective of the course: Is to acquaint students with basic theoretical concepts in lexicology and their application in lexicography, to master basic terms and concepts in the field of practical and theoretical lexicography, to familiarize themselves with the principles of contemporary monolingual and bilingual lexicography, and to master the lexical composition of the language observing the word as the fundamental unit of vocabulary and its relation to other units.

The outcome of the course: practical aspects - application of the abovementioned knowledge through the use of specific cases; theoretical aspects - the adoption of relevant terms and concepts.

The title of the course:

2.3.4.6. Academic Writing

ESPB: 6

The objective of the course: To introduce students into the theory of pedagogical knowledge and logical forms of pedagogical research and in the theory of pedagogical research. Stimulating knowledge and skills within academic writing as a special discourse. Introduction to methods of research from the formation of the topic, through the gathering of material and documentation, the adoption and application of different reading strategies, the research of primary and secondary literature and sources to the establishment of the thesis and the implementation of argumentation according to the logical deduction and induction standard. Adopting the principles of scientific ethics. Mastering the methodology of making scientific work.

The outcome of the course: Student is able to: independently determine epistemological settings of concrete research on the basis of which he will be able to develop a project of scientific research, conduct research; make appropriate conclusions and write an exploratory report; that when collecting and processing data and interpreting empirical results independently apply the descriptive statistics and statistics of conclusion.

The title of the course:

2.3.4.7. Final work

ESPB: 3

The objective of the course: To demonstrate that the candidate is capable of performing professional (or scientific) research, apply adequate methods of data collection and processing and independently write professional or scientific work.

The outcome of the course: Independent professional or scientific work.

2.4. GERMAN LANGUAGE AND LITERATURE

2.4.1. FIRST YEAR GERMAN LANGUAGE AND LITERATURE

The title of the course:
2.4.1.1.   Contemporary German Language 1

ESPB: 6

The objective of the course: The systematic advancement of the students' communicative competence enables them to develop four language skills – listening, reading, writing and speaking.

The outcome of the course: The student is capable to use language (in the contexts of literature) skills, to write, listen, speak and read at the level of B1.

The title of the course:
2.4.1.2.   German Language 1 - grammar

ESPB: 5

The objective of the course: Acquiring a theoretical basis in the field of phonetics and phonology in order to develop a capability of auditory identification of sounds and their articulation.

The outcome of the course: The student has learned the basic knowledge in phonetics and phonology, as well as the spelling of the German language.

The title of the course:
2.4.1.3.   Introduction to Information Technology

ESPB: 4

The objective of the course: Learning basic concepts of Information Technology, as well as the initiating the value of IT for contemporary businesses. Developing practical skills in the usage of program tools which the students will be using during their studies.

The outcome of the course: The students are qualified to use programs for text analyses, numeric computations, a compilation of presentations and internet browsing.

The title of the course:
2.4.1.4.   Introduction to Theory of Literature

ESPB: 6

The objective of the course: Complete elaboration and acquisition of fundamental concepts and ideas of modern theory in literature, as well as its applicative possibilities with certain interpretive and analytical strategies, especially in the field of studying Serbian and Bosnian literature, i.e. literature of the South Slavic intercultural community.

The outcome of the course: Students are capable to study the concepts of modern theory in literature, to individually and practically research Bosnian literature, i.e. literature of the South Slavic intercultural community.

The title of the course:

2.4.1.5.   Introduction to Linguistics

ESPB: 5

The objective of the course: Is to introduce the students to the basis of linguistics as language science with its characteristics and language divisions in the world.
The outcome of the course: Student is capable to identify the features of language and alphabet, study language, modules and movements in linguistics.

The title of the course:

2.4.1.6.   English Language 1

ESPB: 3

The objective of the course: Systematic advancement of the students' communicative competence. Developing awareness of Interlingua and intercultural differences, as well as the need for their evaluation in order to achieve efficient communication.
The outcome of the course: Student at pre-intermediate level can understand various texts, can comprehend various dialogs and written texts, have a conversation (expressions related to the time, direction, shopping, doctors, telephone dialogs, ordering in restaurants etc.), discuss various topics, and write short paragraphs.

The title of the course:

2.4.1.7.   Epistemology 1

ESPB: 3

The title of the course:

2.4.1.8.   Contemporary German Language 2

ESPB: 8

The objective of the course: Analyzing grammatical system of the German language, expanding the subject material in the course of mastering structures implies the knowledge of all four language skills through acquiring the basis of proper utterance in the German language.
The outcome of the course: Capability to use contemporary German language at the level of B1 in terms of all four language skills through the studying of grammatical, lexical and semantic characteristics of the German language.

The title of the course:

2.4.1.9.   German Language 2 – grammar

ESPB: 5

The objective of the course: Introduction and active acquiring of the basic morphological principles in contemporary German language in order to enable students to master the theoretical concepts.

The outcome of the course: Long-terms knowledge of the student at the theoretical level related to the principles of verb inflection in the regular principal environment.

The title of the course:

2.4.1.10. English Language 2

ESPB: 3

The objective of the course: Language knowledge and skills at the Pre-Intermediate level.

The outcome of the course: Pre-Intermediate level requires the students to understand written and oral texts, make a dialogue (introducing, expressions related to time, direction, shopping, doctors, telephone conversations, ordering food and drinks etc.), discuss various topics, and write short and long essays.

The title of the course:

2.4.1.11. Principles of Standardized Language

ESPB: 4

The objective of the course: Acquiring the spelling norms of Bosnian language and introduction to terms and terminology of orthographic principles of the South Slavic languages.

The outcome of the course: Training students to use a proper spelling of standardized (literary) language.

The title of the course:

2.4.1.12. Revolutionary Literature

ESPB: 6

The objective of the course: Introduce students to the mainstream of written and oral revolutionary literature with the accent on its presence in the South Slavic national literature. The secondary goal is to represent the revolutionary literature as an artistic act as well as to theoretically evaluate such literary utterance according to both to a literary phenomenon and individual authors.

The outcome of the course: Students are required to study primary and secondary literature and individually analyze, interpret and evaluate literature writings.

Title of the course:

2.4.1.13. Epistemology 2

ESPB: 3

The title of the course:

2.4.1.14. Professional Practice 1

ESPB: 2

The objective of the course: The main objective of Practical Work is to enable students to familiarize themselves with the future profession, to earn experiences that could employ in their future work, to expand their methodological, theoretical and general knowledge and skills regarding the current trends.

The outcome of the course: Introducing students to relevant topics for adopting innovative methodological proficiencythat could be applied in our environment by making the teaching process more accurate, productive and appealing, then associating teaching materials with practical work, improving the correlation between material and institutions of the society they belong to.

2.4.2. SECOND YEAR GERMAN LANGUAGE AND LITERATURE

The title of the course:

2.4.2.1. Contemporary German Language 3

ESPB: 7

The objective of the course: Mastering the German language at the advanced level in the sphere of all language skills and acquiring academic writing in the field of proficiency writing skills, essays and paragraphs, enabling students to write grammatically and contextually great essay.

The outcome of the course: Students are able to use the German language at the level of the advanced B1+ regarding all four language skills (listening, speaking, reading and writing), use a more complex sentence structure.

The title of the course:

2.4.2.2. German Language 3 – Grammar

ESPB: 6

The objective of the course: Introducing and active acquiring of morphological principles related to flexion of nouns, pronouns, determiners, and adjectives.

The outcome of the course: Long-term knowledge of the student at the theoretical level related to the flexion of nouns, pronouns, determiners and adjectives.

The title of the course:

2.4.2.3. German Literature 1

ESPB: 6

The objective of the course: Acquisition of historical knowledge in literature including baroque as well as expanding, detailing and application of knowledge acquired in literature, genre theory and history of the German culture.

The outcome of the course: Students know the early beginnings of German language, use methods, practices and processes of researching and presenting, analyzing and interpretation of literary baroque texts.

The title of the course:
2.4.2.4. English Language 3

ESPB: 4

The objective of the course: Language knowledge and skills at the Intermediate level.
The outcome of the course: Intermediate level requires the students to understand written and oral texts (general and detailed), make dialogues (introducing, expressions related to time, direction, shopping, doctors, telephone conversations, ordering food and drinks etc.), discuss various topics (comment educational system, give arguments, advice about food, the choice of education), and write short and long essays (letters, describe persons and events, biographies, motivation letters, critics etc.).

The title of the course:
2.4.2.5. Contemporary German Language 4

ESPB: 7

The objective of the course: Mastering the German language at the advanced level, considering all four language skills as well as to have a certain theoretical and especially practical knowledge in grammar, to acquire the usage of different types of complex sentences in the German language.
The outcome of the course: Students are supposed to use the German language at the advanced level of B1+ regarding all four language skills, to use different complex sentences, to have a rich vocabulary, to describe different aspects of daily life, to use different forms of oral communication, to properly use grammar.

The title of the course:
2.4.2.6. German Language 4 – grammar

ESPB: 6

The objective of the course: Students are supposed to know the principles or complex sentence in different theoretical models. Both the theoretical and practical association of syntactical analyses of a complex sentence.
The outcome of the course: Students acquire principles of complex sentence in different grammatical patterns, especially in independent grammar.

The title of the course:
2.4.2.7. German Literature 2

ESPB: 6

The objective of the course: Acquiring knowledge in the history of the literature of 18th century as well as expanding, detailing and application of acquired fluency in literature, the theory of genres

and history of German culture. Introduction to literary texts related to contemporary German thought.

The title of the course:
2.4.2.8. English Language 4

<div align="right">ESPB: 4</div>

The objective of the course: Language knowledge and skills at the Intermediate level.
Learning outcome: Intermediate level requires the students to understand written and oral texts (general and detailed), make dialogues (introducing, expressions related to time, direction, shopping, doctors, telephone conversations, ordering food and drinks etc.), discuss various topics (comment educational system, give arguments, advice about food, the choice of education), and write short and long essays (letters, describe persons and events, biographies, motivation letters, critics etc.).

The title of the course:
2.4.2.9. Professional Practice 2;

<div align="right">ESPB: 2</div>

The objective of the course: The main objective of Practical Work is to enable students to familiarize themselves with the future profession, to earn experiences that could employ in their future work, to expand their methodological, theoretical and general knowledge and skills regarding the current trends.
The outcome of the course: Introducing students to relevant topics for adopting innovative methodological proficiency that could be applied in our environment by making the teaching process more accurate, productive and appealing, then associating teaching materials with practical work, improving the correlation between material and institutions of the society they belong to.

2.4.3. THIRD YEAR GERMAN LANGUAGE AND LITERATURE

The title of the course:
2.4.3.1. Contemporary German Language 5

<div align="right">ESPB: 8</div>

The objective of the course: Mastering German language at the advanced level, considering all four language skills (listening, speaking, reading and writing)
The outcome of the course: Linguistic and communicative competence of the students tends to reach the level of C1 in listening, speaking, reading and writing, in grammar and vocabulary. Students are capable to comprehend grammatically and lexically complex texts in order to interpret them.

The title of the course:

2.4.3.2.   German Language 5 – grammar

ESPB: 5

The objective of the course: Introduction to basic principles related to semantic, stylistic and pragmatic features of lexical units as well as basic principles of phraseology.

The outcome of the course: Students can develop a capability to identify formational, lexical and semantic, pragmatic and sociolinguistic characteristics of lexical units in order to improve their language competence and contribute to language reception and production.

The title of the course:

2.4.3.3.   German Literature 3

ESPB: 5

The objective of the course: Acquiring knowledge in the history of the literature of 19th century as well as expanding, detailing and application of acquired cognition.

The outcome of the course: Student can recognize movements and authors of the 19th century in German literature apply methods, principles, processes and techniques of presenting and researching, analysis and interpretation of literary texts.

The title of the course:

2.4.3.4.   Foreign Language Teaching Methodology 1

ESPB: 6

The objective of the course: Students can master the essential theoretical knowledge and skills for individual teaching process of foreign language in preschool, elementary and secondary level.

The outcome of the course: Students are supposed to know theories, contents, sections and topics relevant to the teaching process; to comprehend and present problems related to methodic; to acquire and experience and learn skills of preparation and presentation projects; to apply and use handouts in presentations; to acquire basic theoretical knowledge related to the teaching and learning; to acquire theory related to the different approaches, methods and techniques.

The title of the course:

2.4.3.5.   Culture of Communication

ESPB: 6

The objective of the course: Introduction to basic components of communications. Application of theoretical cognition and its practical appliance in language communication.

The outcome of the course: Students' efficiency for applying knowledge in written and oral communications. Developing students' self-confidence in public.

The title of the course:

2.4.3.6.   Contemporary German Language 6

ESPB: 7

The objective of the course: Developing linguistic and pragmatic competence of the students as well as communicative performance and language competence at the level of C1 in the Common European Framework of Reference for Languages.

The outcome of the course: Students are capable to watch movies, TV programs, to understand long texts such as technical manuals, literary texts and to identify various stylistic differences.

The title of the course:

2.4.3.7.   Country Guides to Culture

ESPB: 4

The objective of the course: Review of modern German and Austrian culture, their state and social status, political and cultural life and different mentalities. Analyzing the fields of interest according to the future profession. Identifying differences between countries learn to raise tolerance and understand multiculturalism.

The outcome of the course: Students are supposed to have a basic knowledge of Germany and Austria, some specific knowledge in the related field and use to represent the comparison of the acquired cognition.

The title of the course:

2.4.3.8.   German Literature 4

ESPB: 5

The objective of the course: Review of modern German literature, thorough knowledge and understanding of literary works and their critic analysis.

The outcome of the course: Students is capable to recognize the German language of the first half of 20th century, comment and interpret themes and topics, is able to find and use relevant literary references.

The title of the course:

2.4.3.9.   Foreign Language Teaching Methodology 2

ESPB: 6

The objective of the course: Students are prepared to be involved in the process of teaching and tend to obtain their knowledge, skills, capabilities and potentials by one and only goal – successful and productive class.

The outcome of the course: Professional discussion about students' and their colleagues' classes; to acquire the techniques of feedback in the teaching process; to establish criteria of individual and professional progress.

The title of the course:
2.4.3.10. Professional Practice 3

ESPB: 2

The objective of the course: Is to enable students to familiarize themselves with the future profession, to earn experiences that could employ in their future work, to expand their methodological, theoretical and general knowledge and skills regarding the current trends.

The outcome of the course: Introducing students to relevant topics for adopting innovative methodological proficiency that could be applied in our environment by making the teaching process more accurate, productive and appealing, then associating teaching materials with practical work, improving the correlation between material and institutions of the society they belong to.

2.4.4. FOURTH YEAR GERMAN LANGUAGE AND LITERATURE

The title of the course:
2.4.4.1. Contemporary German Language 7

ESPB: 8

The objective of the course: Is to offer the students the knowledge and skills in order to use German language at the advanced level as well as grammatical accuracy and the advanced level of complexity in the usage of syntactical constructions.

The outcome of the course: Students are expected to use sophisticated approaches in expressing as a result of their theoretical knowledge, to be precise in common-communicative and translational problems.

The title of the course:
2.4.4.2. History of German Language 1

ESPB: 4

The objective of the course: Is to offer basic information in the prehistoric period of German language and presenting and identifying the correlation between language and historical and political, social and cultural variables.

The outcome of the course: According to the theoretical and methodological postulates of historical grammar during the lectures, the students are capable to interpret different dynamic processes as a result of the abstraction Germanic from German language and to give an opinion about certain phenomena in the field of phonology and morphology of Indo-European and Germanic languages.

The title of the course:

2.4.4.3. Introduction to Literary Theories

ESPB: 5

The objective of the course: Complete elaboration and adoption of thorough concepts, principles, interpretative and analytical strategies and procedures of traditional, modern and postmodern approaches in literature, from biography and positivism until post structuralism as well as their applicable possibilities, especially in researching the Serbian literature, i.e. the South Slavic literature.

The outcome of the course: Students are capable to elaborate and adopt thorough concepts, terms, interpretative and analytical strategies and procedures of traditional, modern and postmodern approaches in the literature.

The title of the course:

2.4.4.4. Contemporary German Language 8

ESPB: 8

The objective of the course: The emphasis in this course in on oral communication based on the dialogues, simulations, roles, discussion, debates, in dominant and pragmatic perspective. Theoretical work requires knowledge of basic principles of discourse analysis, didactic and communicative aspect.

The outcome of the course: Students are expected to use sophisticated approaches in communications as a result of their theoretical knowledge, to solve problems and have a successful communication according to the postulates of pragmatic exchange as well as specified communicative principles and discourse.

The title of the course:

2.4.4.5. Business German Language

ESPB: 4

The objective of the course: Introduction course for acquiring terminology in business German language. The emphasis is on learning complex phrases, phrasal expressions, expanding vocabulary by learning synonyms, idiomatic expressions in the business world.

The outcome of the course: Students are capable to use information in the field of economics during the communication and abroad cooperation as well as acquiring the skills in translation in mother tongue and vice versa.

The title of the course:

2.4.4.6. History of German Language 2

ESPB: 4

The objective of the course: The course tends to analyze main spheres and problems in the history of the German language as well as identifying relations between language phenomena and historical, political, social and cultural variables.

The outcome of the course: Students acquire basic knowledge in the history of the German language that allows them to understand historical texts as well as standardized and non-standardized language forms.

The title of the course:
2.4.4.7. Academic Writing

ESPB: 6

The objective of the course: Tends to introduce the student to the theory of pedagogical cognition and logical forms and theories of pedagogical research. Acquiring knowledge and skills through the guidelines of academic writing as a specialized discourse. Introducing to the methods of researching from choosing the topic, gathering material and documents, adoption and application of different reading strategies, researching primary and secondary references and resources until hypotheses and argumentation using logic standards of deduction and induction. Adopting the principles of ethics and mastering methodology of a research work.

The outcome of the course: Students can individually determine the epistemological principles of the research in order to make a project of scientific work, carry out the research, conclude probable solutions and write the research report, collect data and individually apply the approaches of descriptive and conclusion statistics.

The title of the course:
2.4.4.8. Final Work

ESPB: 3

The objective of the course: Final work tends to show the candidate as a capable of professional or scientific research, to apply the appropriate methods of gathering and processing the information and to individually write a final work.

The outcome of the course: Individual professional or scientific work.

DEPARTMENT OF ECONOMIC SCIENCES

3. Study program: BUSINESS ECONOMY
Specification of the subjects in English

Study program: BUSINESS ECONOMY

3.1. FIRST YEAR BUSINESS ECONOMY

3.1.1. Basics of Economy

ECTS: 6

The objective of the course: Introduction to students with basic economic categories and processes of modern market economy, which should be facilitated by studies of other economic subjects.

The outcome of the course: Training students to understand basic economic categories from the thematic areas: a) institutional economics, b) microeconomics, and c) macroeconomics.

Contents of the course: "Theory teaching"

Introduction to economics: (subject of economics, method of economic analysis, economic doctrines, economic systems, transition and privatization); Basics of microeconomics: (market morphology, market scene actors, market forces, market structures, costs, prices, microeconomic aggregates); Macroeconomic fundamentals: (macroeconomic role of the state, macroeconomic aggregates, money and credit, inflation and unemployment, macroeconomic equilibrium, economic development and investments)

Practical classes (exercises, DON, study research work): "Exercises, Other forms of teaching, Study research work, Problem solving, concepts development and analysis of case studies from areas that are addressed in lectures."

3.1.2. Mathematics 1

ECTS: 7

The objective of the course: To introduce students with mathematical concepts that enable solving of continuous problems, to develop a mathematical way of thinking and concluding.

The outcome of the course: Students are able to solve equations using determinants, matrices, in vector form, etc. Examination of functions using sets and mathematical logic.

Contents of the course

"Theory teaching"

"Elements of mathematical logic: sets, algebraic structures, binary relations, functions, metric spaces, complex numbers, polynomials (operations with polynomials, Vietnam's formula, solving algebraic equations, real polynomials, interpolation, rational functions), matrices and determinants, systems of linear equations Vector algebra Boundary processes (convergence of arrays, Banah's position on a fixed point, continuity, infinitesimals)

Practical classes (exercises, DON, study research work): Exercises follow lectures on the same topics by solving tasks.

3.1.3. Sociology

ECTS: 6

The objective of the course: Is to provide basic information and knowledge about society as a context and factor that largely determines our behavior, attitudes and values. They seek to connect social knowledge with business ideas."

The outcome of the course: Students will have basic knowledge after successfully mastering the content of the course, which will enable better knowledge in the society, as well as successful identification of different social phenomena. The acquired knowledge will enable them to easily monitor other subjects during their studies as well as academic general education.

Contents of the course: "Theory teaching"

Theoretical and methodological sociology. Methods and techniques of researching social phenomena. Significance of empirical research of social phenomena, Constituent elements of society: civilizational processes, cultural identity, ethnocentrism. Valuable and normative structure of the society. Social interaction and everyday life. Social statuses and social decisions, Social groups. The family. Social Organizations, Social Inequalities: Social Stratification; social elite. Horizontal and vertical social mobility, Social institutions, Political institutions, Social awareness: ideologies, religion and morals, Social processes and social changes.

Practical classes (exercises, DON, study research work): Exercises through the discussion of theoretical units.

3.1.4. Statistics

ECTS: 7

The objective of the course: The main objective of the course is to familiarize the student with logic and the concept of statistical (inductive-probabilistic) way of thinking. Accordingly, the student is provided with the knowledge necessary to: understand the assumptions and limitations in the application of basic statistical methods correctly calculate and interpret the basic statistical indicators, use and interpret the results of the corresponding statistical software packages.

The outcome of the course: Training students to apply theoretical knowledge from statistics as well as computer equipment for statistical analysis of data and training to interpret the results obtained for practical purposes.

Contents of the course: "Theory teaching"

• Basic concepts of statistical analysis (concept and development, statistical observation and presentation of results). Graphical presentation of data (charts, cartograms, etc.). Basic parameters of statistical sets. Models of the schedule. Statistical parameter estimates (sample types, distribution of arithmetic mean frequencies of large samples). Testing statistical hypotheses
• Regression analysis. Dynamic analysis: analysis of time series (base and chain indexes), rectilinear trend, types of curvilinear forms of trend, and others. Statistical forecasting methods, etc.
• The entire program will be supported by the available statistical methods present in the MS-Excel IT programs.
Practical classes (exercises, DON, study research work): Solving tasks, developing concepts and analyzing case studies from areas that are covered in lectures.

3.1.5. Basics of Management

ECTS: 6

The objective of the course: The course is designed to provide students with basic theoretical and practical knowledge and skills in the field of management. The focus will be on the core roles, competencies, skills and functions of management that are directed towards the effective and efficient operation of organizations. Through the integration of traditional and contemporary approaches to management, issues related to the basic functions of management are explained: planning, organizing, leadership and control.

Contents of the course: "Theory teaching"

Concept, significance and evolution of the theory of management (Concept and functions of management, Development of management theory); Environment and management (Significance and elements of the external environment, Environmental management); Social responsibility and ethics; Entrepreneurship; Planning and strategic management; Organization (structures and processes); Leadership; Human Resource Management; Control

Practical classes (exercises, DON, study research work)

Practical teaching is complementary to theoretical. Students will clarify concepts from teaching units on concrete examples; students will themselves present some problems that will be solved with the help of teachers through examples and case studies.

3.1.6. English Language 1

ECTS: 4

The objective of the course: Language skills and skills at the Pre-Intermediate level

The outcome of the course: At the Pre-Intermediate level, students understand texts for listening and written texts, leading dialogues (getting acquainted with time, direction, shopping, doctor, phone conversations, ordering food and drinks, etc.), discussing various topics, writing shorter and longer texts (formal and informal letters, describing people and events, conceiving and writing stories, filling out forms, describing different places, etc.).

Contents of the course: "Theory teaching"

Theory teaching - TOPICS: 1. Everyday activities, 2. Travel, 3. Adventures, 4. Things that changed the world, 5. Dreams. GRAMATICS: 6. Infinitive, 7. passive, 8. Conditional, 9. Glagolitic forms, 10. Modal verbs, 11. Training of writing styles (guided and creative writing, filling out forms, postcards, letters, biographies), 14. Training of writing (styling and writing, filling out forms, postcards, letters, and biography), teaching speech strategies (dialogues, monologues, and phrases), 15. Colloquium

Practical classes (exercises, DON, study research work)

3.1.7. English Language 2

ECTS: 4

The objective of the course: Language skills and skills at the Pre-Intermediate level

The outcome of the course: At the Pre-Intermediate level, students understand texts for listening and written texts, leading dialogues (getting acquainted with time, direction, shopping, doctor, phone conversations, ordering food and drinks, etc.), discussing various topics, writing shorter and longer texts (formal and informal letters, describing people and events, conceiving and writing stories, filling out forms, describing different places, etc.).

Contents of the course: "Theory teaching"

Theory teaching - TOPICS: 1. Everyday activities, 2. Travel, 3. Adventures, 4. Things that changed the world, 5. Dreams. GRAMATICS: 6. Infinitive, 7. passive, 8. Conditional, 9. Glagolitic forms, 10. Modal verbs, 11. Training of writing styles (guided and creative writing, filling out forms, postcards, letters, biographies), 14. Training of writing (styling and writing, filling out forms, postcards, letters, and biography), teaching speech strategies (dialogues, monologues, and phrases), 15. Colloquium

Practical classes (exercises, DON, study research work)

3.1.8. Microeconomics

ECTS: 6

The objective of the course: Introduction to students with basic microeconomic models and processes of modern market economy, which should be facilitated by studies of other economic subjects.

The outcome of the course: Training students to understand microeconomic theory and its basic instruments in order to apply theoretical knowledge to practical business or economic and political problems. This will enable them to understand the complex economic issues that are being studied in specialized teaching disciplines.

Contents of the course: "Theory teaching"

Concept and content of microeconomics, means and instruments of microeconomic analysis, consumer choice, demand analysis, production, cost analysis, supply, market equilibrium, market structures (perfectly competitive markets, monopolies and monopods, oligopolies and , limited competitive markets) .

Practical classes (exercises, DON, study research work) Solving tasks in the field of analysis of demand, production, and analysis of costs, supply, and market-equilibrium.

3.1.9. Rhetoric

ECTS: 5

The objective of the course: "The aim of this course is to introduce students to theory, the history of the term and the assertion of rhetoric-speaking, as well as the structures and characteristics of words and vocabulary. Introduction to students: Introducing students to the old, as well as with a new model of rhetorical exposure, form, structure, Training the students: Training students to better determine and better formulate knowledge, as well as the practical application of good pedagogical-teaching words, through good information on rhetoric, as a science of speaking."

The outcome of the course: "Through the theory and practice, students will better organize their thoughts, speech, attitudes and attitudes towards students, as well as other audiences. It is also a good practice for the student to publicly and freely express his / her experience of a particular problem, as well as the experience of current problems with who meet in power, at college, in the family ... Good and successful reigning with speech skills and the actuality of their visions, the student will smoothly express a attitude towards problems, whose word, spoken in front of the multitude, will contribute to a certain education and self-reliance aëanjeu in speaking, and in the opinion. Well, precise, emotionally and humanly speaking their direction is of great importance to preschool children, as well as with parents, colleagues and the wider social space. "

Contents of the course: "Theory teaching" Beginning rhetoric in the ancient Hialeah. Character of Roman rhetoric. Subject and methods of rhetoric; Rhetoric as poetry, Rhetoric as a speaking skill, Rhetoric as Philosophy and Dialectics, Rhetoric as a science, Quick speech, Types of style, Rhythmic ritual, Pictorial expression, Descriptive and normative in rhetoric. The Role of Sensuality in the Rhetoric, the Speech of the Truth, the Sneaky-Intelligent Silence. Noble competition in speaking. Rhetoric and philosophy of language, Rhetoric and semiology, Traditional and contemporary rhetoric. The importance of speaking skills in teaching.

Practical classes (exercises, DON, study research work): Discussion, speaking on specific topics, analyzing the word

3.2. SECOND YEAR BUSINESS ECONOMY

3.2.1. Macroeconomics

ECTS: 6

The objective of the course: Is to introduce students to the most important macroeconomic aggregates, their mutual relations in use and the distribution of the social product.

The outcome of the course: Training students to understand basic macroeconomic concepts, the interdependence of macroeconomic aggregates, and macroeconomic policies.

Contents of the course: "Theory teaching"

Introduction to Macroeconomics
Society as a big system
Structure of the economy
Production possibilities of the society. Goal system
Money and monetary system. Inflation
Method of functioning of the economy
Macroeconomic models
The degree of efficiency of the economy. Macroeconomic management

Practical classes (exercises, DON, study research work)

Developing concepts and analyzing case studies from areas covered in lectures, student debates on certain macroeconomic topics, presentations of seminar papers.

3.2.2. Basics of Marketing

ECTS: 6

The objective of the course: The aim of studying subjects the basics of marketing are to get students acquainted with the basic marketing variables and their application in solving marketing problems.

The outcome of the course: Students are able to understand the concept and methodology of marketing and marketing tools as well as the marketing of different types of organizations.

Contents of the course: "Theory teaching"

Marketing concept, value creation and consumer satisfaction, marketing management in the enterprise; marketing and environment, marketing information system and marketing research, research of final consumers, business market and behavior of industrial customers, segmentation, choice of target market and positioning, product, price, distribution, promotion, business marketing, marketing in marketing, marketing services, marketing non-profit organizations, international marketing.

Practical classes (exercises, DON, study research work)

The exercises will develop case studies related to topics that are addressed in lectures.

3.2.3. Financial Accounting

ECTS: 7

The objective of the course: Introduction to students with theoretical and methodological basics of financial accounting providing basic information support to the management structure of the company in preparing and making business decisions. Developing practical skills in preparing

and presenting accounting information to various users for the purpose of monitoring the financial relations of the company with the environment, and taking into account the financial condition and profitability of the company.

The outcome of the course: Students are able to prepare, present and use basic financial statements, i.e. balance sheet, income statement, cash balance, changes in equity, notes and business reports.

Contents of the course

"Theory teaching"

1. Basics, principles and principles of dual bookkeeping and accounting tracking of business changes on company assets
2. Billing the account balance
3. Global accounting instruments in accounting
4. Accounting business cycle in enterprises
5. Unclaimed postings
6. Methods of calculation of periodic results
7. Conclusion of business books
Practical classes (exercises, DON, study research work): Exercises - solving hypothetical examples

3.2.4. English Language 3

ECTS: 4

The objective of the course: Language skills and knowledge at intermediate level

The outcome of the course: At the intermediate level, students understand texts for listening and written texts (from general to detailed), conducting dialogues (telephone conversations, ordering food and drinks), discussing different topics (commenting on the education system, giving arguments, giving advice on nutrition, choosing studying), write shorter and longer texts (letters, describe people and events, biography, motivation letter, letter of criticism, etc.).

Contents of the course: "Theory teaching"

- TOPICS: 1. World, 2. Happiness, 3. Travel, 4. Food and drink, GRAMATICS: 6. Auxiliary verbs (be, have, do), 7. Present Simple and Present Continuous, 8. Colloquium, 9. Past Simple and Past Continuous, 10. Going to Will, 11. Enjoying Reading Styles (Longer Text Processing), 12. Target Training for Listening Strategy (Various lyrics for listening- authentic dialogues, monologues, phrases), 13. Training writing (guided and creative writing, filling out forms), 14. Teaching speech strategies (dialogues, monologues), 15. Colloquium."

3.2.5. Environmental Management

ECTS: 6

The objective of the course: Is to familiarize students with environmental processes and to point out the complexity of the issues that environmental protection treats. Particular attention is paid to the analysis of the consequences of the anthropogenic effects on the planet and the activities that can protect them from consequences of further degradation. Different environmental components (water, air, soil, food) are considered.

The outcome of the course: Through this course, students acquire knowledge about the environmental protection system and get an introduction to the situation of changes in the planet's ecosystems under anthropogenic influence. The course provides a broad insight into the problems and understanding of the impact of the economy, politics and rights on

environmental protection and the possibility of easier involvement of students in institutions dealing with this issue.

Contents of the course: "Theory teaching"

Problems related to the growth of the human population. Managing shared resources on the planet. Changes in physical resources: water, air, land. Biological resources, food, agriculture, pest control. The development of global climate change and the impact on the living world. Ecotourism. Organic farming. Recycling and composting. Radioactive waste. Impact of policy, public opinion and non-governmental organizations on environmental protection.

Practical classes (exercises, DON, study research work): Practical teaching is complementary to theoretical. Students will clarify concepts from teaching units on concrete examples, students will themselves present some problems that will be solved with the help of teachers through examples and case studies.

3.2.6. Public Relations

ECTS: 6

The objective of the course: Is to provide students with a comprehensive overview of basic concepts and principles of public relations and explain the role and importance of public relations in business.

The outcome of the course: Students who attended the course and will be able to understand the role and function of public relations in the business system, establish themselves basic public relations processes in the company, carry out research, planning, communication, evaluation and implementation of communication strategies for achieving organizational goals.

Contents of the course: "Theory teaching"

Introduction to Public Relations; Evolution of public relations; Ethics and professionalism; Significance of research in public relations; Significance of planning and communication In public relations; Significance evaluation In public relations; The techniques of persuasion and acquisition of different audiences; The role of mass media; Conflict management; Cross communication; Law and Public Relations; Employee relations; Internet and social media; Preparing materials for mass media; Radio and television; Public Relations In Corporations, Entertainment, Sports, Tourism, Politics and Government, Nonprofit Organizations, Health and Education.

Practical classes (exercises, DON, study research work)

Within the exercise, various communication techniques, tools and channels are processed from traditional to modern and their practical applications.

3.2.7. Quantitative Methods

ECTS: 6

The objective of the course: Introducing students with a mathematical approach to solving practical problems.

The outcome of the course: Training students to use mathematical methods in solving practical problems, from understanding their strengths and constraints

Contents of the course: "Theory teaching"

The use of mathematical models in practice, linear programming, the standard problem of linear programming, the canonical problem of linear programming, the graphical and simplex method, the linear model of transport, the problem of optimal assignment, the problem of a merchant,

the theory of games under conditions of uncertainty, the functional dependence of economic sizes: economic functions, elasticity - concept, measurement and application.

Practical classes (exercises, DON, study research work): Exercises follow lectures on the same topics with solving tasks in the mentioned fields.

3.2.8. Management Accounting

ECTS: 7

The objective of the course: Preparation of professional staff who will be trained for:

- Preparation and interpretation of financial accounting information on the whole enterprise;
- Analytical, internally oriented and short-term calculation of costs and effects by enterprise segments;
- Preparation and presentation of accounting information that will serve as an information basis for systematic control over the area of planning, organizing ...”
The outcome of the course: Students are able to prepare, present and use, providing a valid information support to the company's management structure in preparing and making business decisions for the implementation of the decentralized corporate management concept.

Contents of the course: "Theory teaching"

"1. Calculation of costs and impacts and company information system
2. The concept, tasks and content of management accounting
3. Functioning of cost and performance calculation system
4. Management aspects of cost and performance calculation
5. Accounting budgeting as a business management instrument."

Practical classes (exercises, DON, study research work): Exercises - solving hypothetical examples

3.2.9. English Language 4

ECTS: 4

The objective of the course: Linguistic knowledge and skills at the Intermediate level

The outcome of the course: At the intermediate level, students understand texts for listening and written texts (from general to detailed), conducting dialogues (telephone conversations, ordering food and drinks), discussing different topics (commenting on the education system, giving arguments, giving advice on nutrition, choosing studying), write shorter and longer texts (letters, describe people and events, biography, motivation letter, letter of criticism, etc.).

Contents of the course

"Theory teaching"

THEORY: TOPICS: 1. Business, 2. Links, 3. Obsessions, 4. Games of Chance, GRAMATICS: 6. Present Perfect Tense, 7. Conditional and time sentences, 8. Colloquium, 9. Modal verbs (2), 10. Indirect speech, 11. Reading styles reading (long text processing), 12. Targeted training of listening strategies (various texts for listening - authentic dialogues, monologues, phrases), 13. Training writing (guided and creative writing, writing of requests, formal and informal letters), 14. Teaching speech strategies (dialogues, monologues, phrases), 15. Colloquium.

3.2.10. Organization of Companies

ECTS: 6

The objective of the course: The objective of studying subjects of the organization of companies is to familiarize students with basic forms of organization of enterprises, organization of production, organization of human factor, and organization of business functions.

The outcome of the course: Students are able to successfully design and change the organization, to understand the behavior of employees and to master the concepts and managerial skills of shaping their behavior.

Contents of the course: "Theory teaching"

"Introduction to the organization; Basic concepts of organization design; Organizational structure parameters: division of labor, delegation of authority, departmentalization, coordination;

Organizational structure factors: environment, life cycle, culture, strategy and technology;

Models of organizational structure: simple model, adhocchi, bureaucratic and professional model, divisional model, modern organizational structures;

Introduction to Organizational Behavior, Personality and Skills, Motivation, Perception and Individual Learning, Values and Views, Groups and Teams; Communication and decision making; Organizational culture; Organizational learning; Introduction to Managing Organizational Change."

Practical classes (exercises, DON, study research work): At the exercises will be carried out analyzes of the level of organization, then the design of the organization using methods for designing the organization, as well as the exercises and tasks of designing the organization of their own business.

3.2.11. Business Law

ECTS: 6

The objective of the course: Introduction to students with the basic concepts of business law and its institutions, with emphasis on changes that occurred due to the transformation of social property and the privatization of many economic collectives, mainly in private and state property, and to bring this into line with new legal solutions in this field.

The outcome of the course: Students are able to understand and solve commercial legal problems from the standpoint of positive regulations and case law in the field. Inclusion in the process of founding companies, their functioning on new legal bases.

Contents of the course "Theory teaching"

Principles of Business Law; sources of business law; concept and forms of companies; individualization of legal entities in legal transactions; registration of business entities; representation of business entities; responsibility of business entities for their own obligations; status changes of the business entity; cessation of business entities; bankruptcy and liquidation; entrepreneur; stock company; a commanding society; a limited liability company; partnership, financial institutions and the capital market; insurance and reinsurance companies; funds as special forms of capital; special forms of business entities.

Practical classes (exercises, DON, study research work)

It includes: visit to large companies, foundations and funds; verification of theoretical knowledge and analysis of case law.

3.2.12. General Psychology

ECTS: 6

The objective of the course: "Introducing students with the notion of sensation from the perspective of gnoseology has heard the history of psychophysical theories as well as the emergence of perceptions within specific sensory modalities and their theoretical interpretations."

The outcome of the course: Students are expected to be able, at the end of the course, to reproduce knowledge about basic psychophysical approaches to the phenomenon of sensation, to master the techniques of his measurement, as well as to understand and recognize the principles of perception as the basis for interpreting psychological phenomena, both in the course of studies and in professional practice.

Contents of the course: "Theory teaching"

"The concept of senses in gnoseology, Miller's specific energy law, nervous-philosophical and physiological aspects, Sensitivity and sensitivity indicators, Veber-Fehner's law and gamma-hypothesis, Psychophysical measurements: Border method, Information-transmission theory and sequential situations, Signal detection theory, Classification of senses and the common properties of the sensory systems, sensation of skin, statics and dynamics, chemical sensation: smell and taste. The sense of hearing and hearing theory, the sense of vision and theory of vision, belts and movements Classic observation theories Modern contemplation theories."

Practical classes (exercises, DON, study research work): Exercises through the discussion of theoretical units and teaching films

3.3. THIRD YEAR BUSINESS ECONOMY

3.3.1. Business Information Systems

ECTS: 6

The objective of the course: Introducing students with the role and significance of information systems for business decision making of financial and other business organizations; to understand the implications of the development of information systems in the context of organizational changes; that students develop awareness of the potential that today's Internet technologies offer.

The outcome of the course: Students are able to understand the nature, role and significance of information systems from the point of their support for making management decisions; to identify their own information needs in the form of reports that the information system should generate; to analyze the existing information system of a business organization and to, on a logical and conceptual basis, participate in the team for designing management-oriented information systems at the organization level.

Contents of the course: "Theory teaching"

Information system and role of top management and functional managers; Concepts of information systems; Organizational information systems; Internet, intranet and extranet; E-business; Strategic planning of information systems; Value creation and strategic information systems; Creating values using information systems; Trends in the development of information systems; Marketing based on databases; Customer Relationship Management; Protection against information systems; Privacy and ethical aspects of using information technologies

Practical classes (exercises, DON, study research work)

Practical teaching is complementary to theoretical. Students will clarify concepts from teaching units on concrete examples; students will themselves present some problems that will be solved with the help of teachers through examples and case studies.

3.3.2. Strategic Management

The objective of the course: Is that student developing key competencies and the ability to strategically create the future and change the organization as managers. Ensure the creation and maintenance of competitive advantage, long-term success, and the prevention of the surprise of your organization in a global, dynamic environment

The outcome of the course: Capability of students to understand the role and significance of the strategy in business, understanding generic strategies, the ability to think strategically, to decide and undertake business actions, to master the ways of defining strategic problems and to implement SVOT and PEST analysis, defining strategic options, analyzing them, selecting the most favorable option and its applied …

Contents of the course: "Theory teaching"

Researching the perspective of strategic management. Strategic management models. The process of strategic management. Strategic management for business affairs. Strategy Architecture. Strategic analysis of a competitive environment. SVOT and PEST analysis. Dynamic models of business strategies. Models of changes and their implications for strategic implementation. Corporate strategies and corporate management. Strategic planning. Organizational structure and strategy implementation. Strategic Resource Management. Strategic dimensions of technology and technical progress. Selection of a management system

that fits the company - theory and decision models - future trends. Management for Strategic Change. Assessment of the results of strategic changes.

Practical classes (exercises, DON, study research work): Practical application of knowledge on concrete examples on exercises, as well as through the preparation of access works on examples of concrete enterprises.

3.3.3. Banking Management

The objective of the course: Introducing students with analytical and applied knowledge based on the banking system, development of banks, banking operations and organization of banks.

The outcome of the course: Capability for independent and professional analysis of the bank's operations, construction and use of the information basis for decision making, credit and market risk management, as well as preparing strategic decisions in the area of managing the bank's market position, internal vs. external growth and degree of specialization, in order to maximize the market value of the bank.

Contents of the course: "Theory teaching"

The concept and development of banking operations; The term bank; Types of banks; Principles of banking operations; Fundraising activities; Asset placement; Credit placements; Types of credit; Loan Price; The calculation of interest; Non-credit placements; Service banking; Specific banking operations; Banking risk management; Banking business control; Financial instruments of the money market (types)

Practical classes (exercises, DON, study research work): Practical teaching is complementary to theoretical. Students will clarify concepts from teaching units on concrete examples, students will themselves present some problems that will be solved with the help of teachers through examples and case studies.

3.3.4. Electronic Business

The objective of the course: Is that student acquiring the opportunity to work independently in the field of electronic business in order to be able to apply the same in the modern business world.

The outcome of the course: Mastering the terminology, acquiring knowledge necessary for designing and integrating information systems in the field of electronic business, acquiring knowledge for practical implementation of the system in the software domain.

Contents of the course: "Theory teaching"

Information Society and e-Europe Initiative, Internet Business Technology Framework, Internet Technology Standards, Internet and Business Functions of the Company, Virtual Enterprise and Virtual Network Concepts, Trade and Banking on the Internet, Marketing and Business Information on the Internet, Web Architecture and Maintenance WEB Content, Technological Infrastructure of Electronic Commerce, Data Protection and Legal Aspects of Internet Business, E-Government and e-Education

Practical classes (exercises, DON, study research work)

Exercises follow lectures on the same topics by solving tasks and creating a project task.

3.3.5. Monetary Finance

ECTS: 6

The objective of the course: Introducing students to the process of creating money and metamorphoses of its development. An analysis of the supply and demand factors of money important for achieving economic growth without inflation. Presentation of basic monetary theories as the basis for understanding different monetary policies. Acquiring knowledge about the functioning of the central bank, its instruments and goals. Introduction to the basic elements of functioning of the foreign exchange market.

The outcome of the course: "Acquired knowledge is the basis for making business decisions." Understanding monetary policy measures is important for securing liquidity. "Knowledge gained will make it easier to make choices about the best sources of financing."

Contents of the course: "Theory teaching"

"defining and analyzing the characteristics of individual participants in the financial system, the meaning of money and the process of its creation, the notion and importance of money supply, the supply and demand of money, the basic monetary theory and politics, the term, the organizational structure, functions and instruments of the central bank, the importance of financial markets for the optimum functioning of the economy."

Practical classes (exercises, DON, study research work): The exercises will develop case studies related to topics that are addressed in lectures.

3.3.6. Human Resource Management

ECTS: 6

The objective of the course: Acquiring fundamental knowledge about scientific discipline and its application; acquaint students with the character, goals and methods of human resources management, mastering methods and techniques for managing human resources in organizing and linking organizational and individual goals, and developing the ability to identify the potential of employees

The outcome of the course: Acquiring basic knowledge and assumptions for further research and training in this field; the ability to use control methods and techniques for identifying and directing human resources according to the goals of the organization, as well as the ability to define the criteria for selecting, evaluating, rewarding and directing the development of employees and making quality decisions

Contents of the course: "Theory teaching"

The concept, definition and objectives of human resources management. The place of human resources management in the theoretical thought of governance. Organizational Environment and Human Resource Management Strategic Human Resource Management. Human resources planning, job design. Job analysis, recruiting job candidates. Selection and selection of candidates for employment. Introduction to work, orientation and socialization. Human resources development. Training and education of employees. Planning and career development. Evaluation of performance of employees. Salaries and other forms of rewarding. Work relations. Health and safety of employees. Organization of the human resource management function. International Human Resource Management

Practical classes (exercises, DON, study research work): Development of projects related to job analysis, career development, evaluation and rewarding systems; Understanding and analyzing the practices of organizations in the environment; Simulation of employment interviews.

3.3.7. Financial Management

ECTS: 8

The objective of the course: Introduction to students with the basics of financial management and techniques used in managing the finances of the company.

The outcome of the course: Students are able to independently carry out financial analysis, monitor and plan cash flows of enterprises, understand the possibilities of improving the management of working capital, analyze the influence of the capital structure and its price, as well as the effects of dividend policy on the value of the company.

Contents of the course: "Theory teaching"

"The subject of financial management studies is the relationship with other financial disciplines and financial management objectives, financial analysis and current financial planning, financial management of working capital, financial planning and assessment of the effectiveness of investments, sources of financing and price of capital"

Practical classes (exercises, DON, study research work): The exercises will further clarify concepts that are mentioned in lectures and develop case studies related to topics that are discussed in lectures.

3.3.8. Market Research

ECTS: 7

The objective of the course: Meet students with basic methods and market research and their application in solving marketing problems.

The outcome of the course: Students are able to use market research methods in order to solve marketing problems.

Contents of the course: "Theory teaching"

The concept and definition of market research, the role and significance of market research in business decision-making, scientific method and ethics in market research, past development, organizers and users of market research; the market research process and the research project; survey surveys; descriptive research; causative research; secondary data; primary data; observation method; test method, measurement of attitudes; causes and sampling; data collection; analysis and interpretation of data; results of research and compilation of research; organization of the market research service, research methodology: for market segmentation purposes; for product development purposes; for advertising purposes; for sales purposes ...

Practical classes (exercises, DON, study research work)

Practical teaching is complementary to theoretical. Students will clarify concepts from teaching units on concrete examples, students will themselves present some problems that will be solved with the help of teachers and will be used to solve case studies and develop case studies.

3.3.9. Trade Management

ECTS: 6

The objective of the course: To study the scientific field of economics of trade, institutions of trade, basic flows in modern trade, functioning of wholesale and retail trade, trade policy, application of innovations in trade, theory and practice of trade of market-developed countries.

The outcome of the course: To train the student to make appropriate conclusions in the field of trade; To master theoretical and methodological knowledge in the field of procurement and sales, theoretical and methodological aspects of negotiating and concluding sales contracts, theoretical and methodological procedures and procedures for creating and monitoring sales documentation, theoretical and methodological aspects of applying innovations in commercial enterprises.

Contents of the course: "Theory teaching"

"Trade and Commercial Enterprises, Wholesale and Retail Trade Institutions, Strategic Management in Trade - Levels and Contents, Strategic Management - BSC as a means of integrating different areas of management, Development Strategy or Competition Strategy - Electronic Commerce, Future of Trade Management - Electronic trade Organization of a trade company Organization of procurement Organization of sales Microorganisms of commercial enterprises Workplaces Management of human resources in the markets and Model of total profitability, based on financial calculation, management profit margin, price calculation in trade, management turnover and leveraged, "

Practical classes (exercises, DON, study research work): Exercises thematically monitor lectures and the exercises will be developed case studies and interactively address the problems that arise in the management of commercial enterprises.

3.3.10. Management in Tourism

ECTS: 6

The objective of the course: Is to provide students with basic theoretical and practical knowledge in the field of tourism management in the conditions of globalization. Increasing competition in the tourism market requires that tourism experts apply an adequate management concept in the tourism industry. In doing so, it always has to bear in mind that a successful business policy in tourism is based on constant changes, in order to adapt to trends in the tourism market.

The outcome of the course: Getting to know the specifics of tourism management; acquiring the ability to understand and analyze basic business problems, and to make strategic decisions; training for participation in all management functions; acquiring the ability to perceive the need for changes in the tourist offer; mastering the knowledge necessary to achieve optimal results of tourism companies; the ability to use different methods in management.

Contents of the course: "Theory teaching"

Specificity and complexity of management in tourism. Principles of management in tourism. Types of decisions. Specificity of planning in tourism. Planning changes. Guidance, personnel and leaders. Types and characteristics of the teams. A new manager profile in tourism. Internal and external communication. Use of information technology in tourism. Control of tourism management. Measurement of results. Strategic management in tourism. Growth strategies. Expected trends in tourism development. Planning tourist destinations. Factors relevant to tourism management. Market and competition. Internal resources. The role of total quality management in tourism. Dependence of marketing activities and strategic planning in tourism.

Practical classes (exercises, DON, study research work): Tourist services. Strategic management in a tourist destination. Relationship between managers and management. Making decisions in individual companies of the tourism industry. Types of planned changes.

Organizational structure and division of jobs. The significance of the communication process. Cost-benefit analysis. Overview of internal resources and SWOT analysis. The impact of tourism on the environment.

3.3.11. Intercultural Understanding, Human Rights and Reconciliation

ECTS: 6

The objective of the course: "Introducing students to basic human rights, intercultural understanding and peaceful conflict resolution, and developing awareness of the practice of these values in the teaching process. Students will acquire knowledge and practical skills on how to practice education from intercultural understanding, human rights and peaceful resolution of conflicts."

The outcome of the course: Learning and forming a student's awareness of the peaceful resolution of conflict and intercultural understanding and human rights; Students' ability to: work in the field of promotion and respect for human rights, and to actively and positively participate in the life of a multicultural community; Students will acquire: theoretical knowledge of the empirical and normative nature of individuals in the multicultural community and situations, and coexistence with people who have different values, customs and traditions; on pedagogical approach in education from the stated values; about various methods and exercises for realization of teaching in accordance with the stated values.

Contents of the course: "Theory teaching"

Human rights: concept, definition and historical context; Human rights in the philosophical and constitutional perspective; Protection of human rights through the ombudsman; National, regional and global protection of human rights; International monitoring / mechanisms and implementation; Intercultural understanding; Explanation of terms (culture, identity, individual and group, nation, nationality and nationalism, ethnic groups, ethnicity, national majority, segregation, assimilation, integration, pluralism, ethnocentrism, prejudice, xenophobia, cultural chauvinism, racism, tolerance and the like); Tolerance as a necessary factor of intercultural understanding; Peaceful resolution of conflicts; Concept and types of conflict; Peace Education Peace Logic; Culture of Memory; Media as a factor of peace and stability; Cultural Heritage and Human Rights; Humanistic perspectives; The role of teachers, the learning process and the environment in which this process is being carried out and the curriculum development; Methods for education in human rights, intercultural understanding and peaceful conflict management.

Practical classes (exercises, DON, study research work)

It includes: Holding time in elementary school on a chosen topic in the field of human rights and intercultural understanding, a diary of practical lessons, a final essay.

3.3.12. Public Finance

ECTS: 6

The objective of the course: Introduction to students with the concept of public finance and its significance for the functioning of each state through fiscal policy. Studying all kinds of public revenues and public expenditures.

The outcome of the course: The student will be able to understand matters in the field of public finances, both at the level of the Republic of Serbia, at the level of local self-government (municipalities and cities) and all segments of fiscal policy.

Contents of the course: "Theory teaching"

1. The subject of the study of Fiscal Economics, Development and Institutions of Fiscal Economics.
2. Public Expenditure: Concept, Functions, Structure, Division, Efficiency.
3. Public revenue: Concept and division, Taxes, Contributions, Fees, Customs, Public loans and other income.
4. Budget: Concept, Functions, Creation, Execution, Control, Final Account.
5. Fiscal decentralization.
6. Operation of fiscal instruments: fiscal policy, objective, measures and efficiency.

Practical classes (exercises, DON, study research work) :Practical teaching is complementary to theoretical. Students will clarify concepts from teaching units on concrete examples, students will themselves present some problems that will be solved with the help of teachers through examples and case studies.

3.4. FOURTH YEAR BUSINESS ECONOMY

3.4.1. Entrepreneurship

ECTS: 6

The objective of the course: Introducing students with characteristics of successful entrepreneurship, criteria for selecting entrepreneurial ideas and ways of implementing these ideas in practice.

The outcome of the course: To enable students to successfully manage an entrepreneurial business, the right choice of an entrepreneurial idea and the implementation of these ideas in practice.

Contents of the course: "Theory teaching"

The notion of entrepreneurship. Features of top entrepreneurs. Determining success. Entrepreneurial management. The essential forms of organization. Market - the environment of entrepreneurship. Informing in entrepreneurial business. Financing business. Strategic management. Marketing. The price. A business plan. Entering the business. Risks

Practical classes (exercises, DON, study research work): Practical teaching is complementary to theoretical. Students will clarify concepts from teaching units on concrete examples; students will themselves present some problems that will be solved with the help of teachers through examples and case studies.

3.4.2. Business Process Management

ECTS: 6

The objective of the course: Introduction to students with concepts and systems for managing business processes. Acquiring knowledge and skills for designing modern processes in the organization.

The outcome of the course: The student will be able to apply the concepts of managing business processes in designing modern business processes that will be directed at the user of services (the buyer).

Contents of the course: "Theory teaching"

The concept of business processes. Petri-network, presentation of graphic elements and mathematical model. Expansion of the Petri-network. Modeling business processes. Triggers. Resource management. Analysis and verification of business processes. Business processes and design patterns. Simulation I Test business processes. Business Process Management Systems. Tools for monitoring and administration of business processes. Standardization in business process management.

Practical classes (exercises, DON, study research work): The exercises will further clarify concepts that are mentioned in lectures and develop case studies related to topics that are discussed in lectures.

3.4.3. Labor Law

ECTS: 6

The objective of the course: Introduction to students with basic concepts of labor law. Pointing to the importance of labor legislation in ensuring the legal certainty of employed and employers emphasize news in labor legislation in relation to the earlier labor law system.

The outcome of the course: Students are able to understand and solve labor law disputes, as special relationships between workers and employers, from the point of view of new legal solutions, and to understand the importance of unions in protecting workers' rights.

Contents of the course: "Theory teaching"

The concept and subject of labor law; principles of labor law; sources of labor law; the relationship between workers and the employer; rights and obligations of workers; rights and obligations of employers; labor contract and its modifications; establishment of a working relationship; probation period; trainees; work hour; breaks and absences; condemnation; salaries, fees and other income; protection of workers; responsibility of workers; procedure for determining violations of working obligations; material liability of workers; discontinuation of employment; cessation of worker needs; protection of workers; collective agreement; the role of trade unions; special types of labor contracts; the role of state bodies in the field of labor.

Practical classes (exercises, DON, study research work): It includes: attendance at trials where labor disputes are solved; visits to successful enterprises and institutions; analysis of the positive legal acts in this field, the drafting of a labor contract.

3.4.4. Exchange and Stock Exchange Operations

ECTS: 6

The objective of the course: Is to train students to basic principles of stock market functioning. In addition to familiarizing with financial instruments, students will be introduced to all participants in the process of trading on stock exchanges, while during lectures, exercises and practices, students will also observe the techniques of trading in shares, bonds, stock exchanges and currencies (forex market). Also, students will be acquainted with financial derivatives - forwards, futures and options.

The outcome of the course: Knowledge gained in this course will enable students to understand the essence of stock exchange business as a particular form of market activity. After acquaintance with stock exchange instruments and trading techniques, students will be able to understand the principles and mechanisms of stock exchange operations, as well as to better understand global economic trends, which will enable them to communicate successfully in the business environment.

Contents of the course: "Theory teaching"

Basic dimensions of stock exchange operations; Concept, formation, development and types of stock exchanges; Exchange operations; Exchange operations; Stockbrokers; foreign market; Shares as stock market; Fundamental and technical analysis; Price indicators on stock markets; Non-banking financial institutions; Stock exchanges in practice; Financial derivatives; FOREX - cross-currency trading; Electronic trading platforms; Belgrade Stock Exchange; Fundamentals of investment banking

Practical classes (exercises, DON, study research work) Practical teaching is complementary to theoretical. Students will clarify concepts from teaching units on concrete examples; students will themselves present some problems that will be solved with the help of teachers through examples and case studies.

3.4.5. Basics of Psychology of Work

ECTS: 6

The objective of the course: "Introducing students with basic problems in the field of work psychology, basic concepts and theories with the goal of being psychologists in the work organization to be able to acquire knowledge."

The outcome of the course: Acquiring knowledge for identifying, defining and analyzing problems in the work environment and training for the application of knowledge in practice and solving practical problems with which a psychologist in a working organization meets.

Contents of the course: "Theory teaching"

Theory teaching 1. Defining the subjects, problems and tasks of psychology of work, the phenomenon and development of psychology of work, 2. Man, work and organization, integrating into a work organization, forms of integration, 3.Analysis of work, 4. Motivation for work, 5. Theories of motivation 6. Satisfied with the job 7. Professional orientation 8. Professional selection 9. Methods of testing the performance of employees, 10.Adaptation of employees and maladaptive behavior, 11.Apsentism, 12.Fluctuation, 13. Psychological problems of fatigue and rest, 14. Training and training of employees, 15. Accidents at work

Practical classes (exercises, DON, study research work)

The content of the exercises follows the content of the lectures; they are organized as a discussion, familiarizing with the nervous measuring instruments and working with inscripts, conducting a job analysis, etc.

3.4.6. Investment Management

ECTS: 6

The objective of this course: Is to introduce students with theory and practice of investments in order to acquire basic knowledge in the field of investment process management and activities and mastering the basic methodologies and techniques used for preparation and evaluation of investment projects.

The outcome of the course: Students are able to understand the concept of investment management, to master the basic techniques of managing investment projects, methods of financial analysis and methods for analyzing market information.

Contents of the course: "Theory teaching"

"Project planning and investment analysis: Concept of investment projects, Classification of investment projects, Investment program content, Concept and quantification of cash flow determinants, Performance criteria for projected investments

Methods for evaluating the economic effectiveness of investment projects: Classification of the methods of estimating the effectiveness of investment projects, discounting methods, non-discretionary methods, special cases of applying discount methods, Risk Component in Investment Analysis."

Practical classes (exercises, DON, study research work) :The exercises will further clarify concepts that are mentioned in lectures and develop case studies related to topics that are discussed in lectures.

3.4.7. Accounting Information System

ECTS: 6

The objective of the course: Review of the key problems in the development of accounting information systems, or their main changes due to changes in the essential orientation of accounting and the way of doing business in accounting.

The outcome of the course: By studying the subject, students gain basic knowledge regarding the creation of a new self adaptation of the existing accounting information system to the needs of modern business. The acquired knowledge contributes to the training of students to create information useful for business decision making, in order to improve the competitiveness of enterprises in modern business conditions.

Contents of the course: "Theory teaching"

The role and importance of accounting in modern business conditions. Accounting function and accounting information system of enterprises. Coherence. Development of accounting organization. Methods and techniques for the implementation of the accounting procedure. Development of accounting information systems.

Practical classes (exercises, DON, study research work): Practical teaching is complementary to theoretical. Students will clarify concepts from teaching units on concrete examples; students will themselves present some problems that will be solved with the help of teachers through examples and case studies.

3.4.8. Project Management

ECTS: 8

The objective of the course: Is to enable students to understand the paradigm of science on project management, master the basic techniques of preparation, analysis, evaluation and execution of the project.

The outcome of the course: Introducing students to the methodology of project execution based on network models and application software.

Contents of the course: "Theory teaching"

The essence and development of the concept of project management, Elements of the concept of project management, Project management organization, Project implementation planning, Monitoring and control, project realization, New trends in project management development, Investment process management, Financing of investment projects

Practical classes (exercises, DON, study research work): The exercises will further clarify concepts that are mentioned in lectures and develop case studies related to topics that are discussed in lectures.

3.4.9. Management of Small and Medium Enterprises

ECTS: 7

The objective of the course: Introducing students to the needs of the development of small and medium-sized enterprises in our country as well as the development of small and medium-sized enterprises in developed countries.

The outcome of the course: The students are able to start a business depends on the business activity of the enterprise.

Contents of the course: "Theory teaching"

"Definition of small businesses; Entrepreneurship and small business; Modern practice of small business development; Starting a business; Business startup procedures; Small business

financing; Choosing a company location; Business finance management for small and medium-sized enterprises; Creating a business plan for SMEs"

Practical classes (exercises, DON, study research work): Practical teaching is complementary to theoretical. Students will clarify concepts from teaching units on concrete examples, students will themselves present some problems that will be solved with the help of teachers through examples and case studies.

3.4.10. Quality Management

ECTS: 6

The objective of the course: Introducing students with basic knowledge in the theory of quality in general, as well as product quality (according to the standards of the ISO 9000 and ISO 14000 series, etc.).

The outcome of the course: Students are able to apply quality standards in practice, as well as preventive action on product quality at the earliest stage of its creation, continuous improvement of the quality of products and services, as well as the quality of work and organization.

Contents of the course: "Theory teaching"

Quality is a global vision of the future, a national quality strategy; Learning the four most famous gurus of quality; Definition in the field of quality management; Evolution of quality management and quality management; New approach to improvements and innovations; Product quality; Quality management for sustainable organization success; Quality system according to ISO 9001 - principles, structure and documentation, HALAL standard; HCCP standard; Integrated management systems; Audit, Certification, Self-Assessment; Models of excellence; Tools and techniques for quality management

Practical classes (exercises, DON, study research work): Exercises are predominantly directed towards clarified above-mentioned method units through practical examples and case studies.

3.4.11. Sales Management and Customer Relationships

ECTS: 6

The objective of the course: Identify the importance of clients in modern business and identify Basic Strategies that can help to better respond to customer requirements and wishes.

The outcome of the course: The student should, after lectures, understand the importance that clients have in modern business, and can apply the basic CRM strategies. The subject is designed so that a student combines theory with practice through case studies, which leads to the development of the skills needed to manage customer relationships in a modern company.

Contents of the course: "Theory teaching"

"1. The concept of CRM and theoretical fundamentals of the subject / historical context of CRM development; 2. The importance of the client in modern business conditions; 3. The concept of value as a basis for market operations: the ME between the client and the MANAGER; 4. Cognitive value: Basic dimensions and hierarchy of dimension values;   5. Relationship of customer satisfaction with the concept of value; 6. IT in value creation for clients; 7. Managing Customer Relationships: Building a CRM Business Strategy; 8. Building customer satisfaction measurement model; 9. Customer orientation as a culture of organization."

Practical classes (exercises, DON, study research work) Practical teaching is complementary to theoretical. Students will clarify concepts from teaching units on concrete examples; students will themselves present some problems that will be solved with the help of teachers through examples and case studies.

3.4.12. Tax Law

ECTS: 6

The objective of the course: The intention is to provide the students with the necessary theoretical knowledge of the tax phenomenon exclusively from the legal point of view. Also, the goal of the responsible professor is to provide practical knowledge through the study of Tax Law through the analysis of domestic and foreign court practice that will be useful for students in the Tax Administration

The outcome of the course: By acquiring the basic knowledge in this subject, students are enabled to apply and interpret tax laws and other regulations in this field. They will be trained for comparative legal analysis of tax regulations with EU regulations. Also, acquiring the knowledge in this subject will be qualified to perform all tasks related to tax issues.

Contents of the course: "Theory teaching"

"Includes: familiarization with the concept and types of public revenues, studying tax forms, studying tax law, tax property relationship and tax administration relationship, legal description of tax facts, conflict of tax laws, double taxation and phenomena similar to double taxation, methods and measures for preventing , i.e. the elimination of double taxation. "

Practical classes (exercises, DON, study research work) "Practical classes: Exercises, Other forms of teaching, Study research work provides a critical overview of tax regulations, refers to the analysis of individual tax forms, filling in tax returns."

DEPARTMENT OF COMPUTER SCIENCE

4. Study program: Informational Technology

Specification of the Courses in English

Study program: INFORMATIONAL TECHNOLOGY

4.1. FIRST YEAR INFORMATIONAL TECHNOLOGY

4.1.1. History of Mathematics and Development of Informatics

ECTS: 5

Introduction to the historical development of natural sciences. The aim is for students to become familiar with the history of mathematics and informatics.

Outcome of the subject:

The student is trained and introduced with the periodization of the development of mathematics, the development of the main mathematical disciplines and the development of computer technology and informatics.

Contents of the course:

Theoretical teaching:

Basic Periods in the Development of Mathematics; Periodic Development of Mathematics; The Period of Birth of Mathematics; The Period of Elementary Mathematics; The Period of Mathematics of Variable Sizes; Period of Contemporary Mathematics; Development of the Main Mathematical Disciplines; Development of Computer Technology and Informatics; Scientific Knowledge; Characteristics of Scientific Knowledge; Scientific Theories; Inductive and Deductive Reasoning; Scientific Research; The Language of Science; Mathematical Language; Mathematical Symbolism; Deductive and Inductive Methods in Science; Methodology of Deductive Sciences; Deductive Theories; Modern Understanding of the Term of the Theory; Continuous, Formalized and Formal Theories; Modern Understanding of Axioms of Theory; Empirical and A priori Deductive Theories; Hypothetical-deductive Character of Science.

Practical classes (Exercises, DON, Study research work).

Exercises follow lectures on the same themes by solving tasks.

4.1.2. Basics of Informatics

ECTS: 6

Introducing students with basic concepts of informatics, as well as with the importance of informatics for modern business. Developing practical skills in the use of software tools that students will use during college education.

Outcome of the subject:

Students' ability to use word processing programs, tabulation, presentation creation and Internet search.

Contents of the course:

Theoretical teaching:

Development of Informatics; Application of Informatics; Basic Concepts of Computer Architecture; Microprocessors and Microcomputers; Memory Units; Input-output Devices; Computer Networks; Mathematical Basics of Computer Operation; Presentation, Organization and Structure of Data; Troubleshooting Computer Problems; System and Application Software.

Practical classes (Exercises, DON, Study research work).

Training students to work with basic word processing tools, tabulation, creation of presentations and Internet search.

4.1.3. Mathematics 1

ECTS: 7

Introducing students with mathematical concepts that enable solving of continuous problems, developing a mathematical way of thinking and concluding.

Outcome of the subject:

Student's ability to solve equations using determinants, matrices, in vector form, etc. Examination of functions using sets and mathematical logic.

Contents of the course:

Theoretical teaching:

Elements of Mathematical Logic; Meetings. Algebraic Structures; Binary Relations; Functions; Metric Spaces; Complex Numbers. Polynomials (Operations with Polynomials, Viet's Formula, Solving Algebraic Equations, Real Polynomials, Interpolation, Rational Functions); Matrices and Determinants; Linear Equation Systems; Vector Algebra; Boundary Processes (Convergence of Arrays, Banah's Position on a Fixed Point, Continuity, Infinitesimals).

Practical classes (Exercises, DON, Study research work).

Exercises follow lectures on the same topics by solving tasks.

4.1.4. Mathematics 2

Introducing students with mathematical concepts that enable solving of continuous problems, developing a mathematical way of thinking and concluding.

Outcome of the subject:

Students' ability to solve tasks and problems from a differential and integral account. Modeling problems that are solved by differential equations.

Contents of the course:

Theoretical teaching:

Differential Calculus (First Derivative and Differential, Derivatives and Differentials of Higher Orders, Basic Differential Theorems, Application of Differential Calculus, Determination of Equation Root, Partial Derivatives, Total Differential, Differentiation of Complex Functions, Geometric Application of Differential Calculus, Extreme Values of Functions of Two Variables); Integral Account. Undetermined Integral; Specific Integral; Numerical Integration; Multiple Integrals; Criminal Integrals; Surface Integrals; Field Theory; Differential Equations; Linear Differential Equations of Second Order; Linear Differential Equations of Order N.

Practical classes (Exercises, DON, Study research work).

Solving tasks from differential and integral accounts. Application of differential equations to solving concrete problems.

4.1.5. Introduction to Programming

Acquiring basic knowledge of programming and programming languages, acquainting with the design and coding of basic algorithms.

Outcome of the subject:

Students are qualified for designing and implementing simpler algorithms with knowledge of syntax and semantics of programming languages *C* and *Pascal*.

Contents of the course:

Theoretical teaching:

Syntax and Syntax Description; Operating System and Development Environment; Enter, Translate and Execute the Program; Testing and Purification; Iterative and Recursive procedures; A Brief History of the Development of Programming Languages; Basic and Derived Symbols of the Language; Identifiers; Variables and Constants; Declaration and Range of Variables; Structure of the Program; Basic Data Types in Programming Languages; Input/output in Programming Languages; Expressions and Operators; Control Structures; Proving Correctness of the Program; Subprograms; Complex Data Types: Arrays, Styles, Sets, Files.

Practical classes (Exercises, DON, Study research work).

Examples are worked out in the programming language *C*.

4.1.6. Computer Applications

Acquiring basic and applied knowledge in the field of business applications.

Outcome of the subject:

The student is qualified in further education in professional subjects to solve tasks in the field of business applications and to apply modern technologies and tools in this field.

Contents of the course:

Theoretical teaching:

Microsoft Word: Working with Documents; Working with Graphics; Working with Diagrams; Forms; Increasing Efficiency; Microsoft Excel: Setting Up Your Workbook; Computer Operations over Data; Documents. Alternative Datasets; Dynamic lists; Charts; Printing; Automation of Work; Using Data from a Database; Microsoft PowerPoint: Presentations; Slides; Structural Display; Templates; Objects; Graphic Information; Multimedia Presentations; Slide Show.

Practical classes (Exercises, DON, Study research work).

4.1.7. Business Informatics

Acquiring computer literacy in the context of the business environment. Preparing for the use of computers in the profession.

Outcome of the subject:

The student who successfully completes this course is qualified to apply acquired knowledge and skills in the field of information technologies, use of computers and working with files, working with Office software packages and the possibility of obtaining ECDL certificates

Contents of the course:

Theoretical teaching:

Basics of Information Technologies; Business Application of Computers; Computer Use and Work with Files; Word Processing; Spreadsheets, Databases; Presentations; Internet and Communications; Basic Internet Services; Business Correspondence; Reports; E-business Elements.

Practical classes (Exercises, DON, Study research work).

4.1.8. Basics of Computer Technology

ECTS: 6

The aim of studying the subject is to bring students into the world of modern information technologies and their applications in engineering, to acquire the basic elements of computer literacy, to master methods and techniques of work with information technology means and, in doing so, learn to use some of the standard application solutions with frequency use in engineering practice.

Outcome of the subject:

After completing the course, students should be able to fully independently access information technology resources and use them to the extent necessary in solving academic tasks, thus gaining the necessary prerequisites for mastering some other teaching disciplines and the application of some other and slightly delicate IT tools and tools within their frameworks.

Contents of the course:

Theoretical teaching:

Basic Concepts in the Field of Computer Technologies; Architecture and Principles of Functioning of Computer Systems; Data Display Systems; Operating Systems and User Environments; Software Solutions for Formatting and Editing text; Programs for Working with Linked (Coupled) Tables; Presentation Programs; Basics of Computer Graphics and Graphic Design Programs.

Practical classes (Exercises, DON, Study research work).

Basic Concepts of the Internet and Related Software Tools; Development Software Environments; Visual Basic Programming Language; Algorithmic Representation of Data Processing Operations; Programming Techniques.

4.1.9. Data Structures and Algorithms

Introduction to basic abstract data structures, principles for their implementation, and basic algorithms for working with these structures.

Outcome of the subject:

At the end of the course, the students should master the basic abstract data structures, the criteria for their implementation, and the basic algorithms for working with these structures, as well as to gain the ability to independently and creatively solve complex problems using acquired knowledge and known algorithms.

Contents of the course:

Theoretical teaching:

Data Types: Integer, Real, Sign, Pointing; User Data Types; Static and Dynamic Data; Elementary Data Structures: Arrays, Matrices, Rare Matrices; Multi-dimensional Fields; Syllables; Sets; Abstract Data Types; Lists; Linear Lists; Cyclic Lists; Double-linked Lists; Cyclic Double-linked Lists; Stack; Row; Search; Successive Linear Search; Multiple Successive Search; Table and Search in Them; Binary Search; Recursion; Recursion Concept; Recursive Mathematical Functions; River Perks up Routines.

Practical classes (Exercises, DON, Study research work).

Application of Recursive Relations to the Analysis of Recursive Algorithms; Binary Search Trees; Red-black Trees, AVL trees; B-trees; BFS and DFS Algorithms; Basics of Algorithm Analysis; Asymptotic Notation; O-notation; Standard Class Complexity; Sorting; Linear Choice Method; Square Selection Method; Multi-criteria Sorting; Mixing Method; Insertion Method; Bubble Method; Shell Method; Post-sorting; Sorting on Bunkers; Sorting by Division; Comparing Speed Sorting Methods.

4.1.10. Professional Practice for the First Year

Acquiring direct knowledge about the functioning and organization of companies and institutions dealing with jobs within the profession for which the student is able to be trained and the ability to check and apply previously acquired theoretical knowledge in real terms, in practice. Through professional practice, students will master the skills of managing, forecasting, organizing and controlling, and changing attitudes about the motive of achievement, thereby increasing their competencies as graduates of Informatics.

Outcome of the subject:

The change of teaching technology, through the realization of the teaching process in real conditions, without the presence of a professor from the faculty, increases the sense of responsibility of the students, mobilizing attention to the work tasks and problems that the student will solve during the practice together with the mentor or manager in charge of organizing practical work in the company -stands in manufacturing and service activities. Professional practice is a model for acquiring usable knowledge, by working in real systems to better understand and understand theoretical knowledge. Good execution of professional practice can also be a good recommendation for employment in a given company, contributing to the increase in the rating of faculties and its graduates with the employer.

Contents of the course:

Theoretical teaching:

Professional practice as an obligation of each student is defined in the Rulebook on the performance of professional student practice, adopted by the teaching faculty of the faculties, where for each year of the study program, a program of professional practice, which in the form of practical work is carried out in enterprises and institutions whose work process is compatible with given by the Program. The content of the program is formed for each student in agreement with the management of the company or institution, in accordance with the needs of the profession for which the student is being trained. A program of professional practice can also be carried out in computer laboratories. Analysis and Presentation, Organization and Structure of Data, Troubleshooting Computer Problems, System and Application Software, Application of Information Technology.

4.2. SECOND YEAR INFORMATIONAL TECHNOLOGY

4.2.1. Operating Systems

ECTS: 6

Acquiring new knowledge and skills on the basics of designing the operating system and connecting with modern design problems and the current directions of the development of operational systems. Introducing students with a process of management mechanism, process synchronization, memory management.

Outcome of the subject:

Student's ability to acquire experience of operating systems through practical and theoretical work which can be applied to the design and implementation of individual components of the operating systems.

Contents of the course:

Theoretical teaching:

Introduction to Operating Systems; General Overview of Operating Systems Structure; Operating System Core; Processes; Process Management; Process Allocation and Processor Delivery; Process Synchronization; Jam; Memory Management; Virtual Memory.

Practical classes (Exercises, DON, Study research work).

Practical classes are carried out in the form of laboratory or auditory exercises depending on the teaching unit of the specified curriculum.

4.2.2. Discrete Mathematics

ECTS: 6

Introducing students with mathematical concepts that enable solving discontinuous problems, developing a mathematical way of thinking and concluding. Acquiring knowledge and methods for solving problems with discrete mathematical structures. Developing the logical and critical thinking of students through formal proofing of attitudes. Training students for independent application of discrete mathematics methods in their further education.

Outcome of the subject:

Students' ability to solve problems and problems from graph theory, linear programming, switching algebra and applying the theory of games to specific problems

Contents of the course:

Theoretical teaching:

Tables of Truth, Logic and Proofs; Theory of Sets; Logic, Integers and Proofs; Functions and Matrices; Minimization, Algorithms and Recursion; Graphs, Oriented graphs and Stable; Number Theory; Counting and Probability; Algebraic Structure; Number Theory - Continuation; Recursion - Continuation; Counting - Continuation; Generating Functions; Trees; Nets; Calculation Theory; Code Theory; Counting of Staining; Rings, Integrity Domains and Fields; Group and Semi Group Characteristics; Application Theory; Game Theory.

Practical classes (Exercises, DON, Study research work).

Solving tasks from Boolean algebra and functions. Application of minimization to solving specific problems in informatics. Coding of different computer problems and other.

4.2.3. Application of Computers in Mathematics Teaching

ECTS: 6

Getting acquainted with more important open source mathematical software, the way it is used and the tasks that solve it.

Outcome of the subject:

At the end of the course, the student should be able to use the *Maxima* program for symbolic calculations, the *Octave* program for solving problems from a linear algebra, the *GAP* program for solving algebraic problems, the *GeoGebra* program for solving geometric problems, the *PARI/GP* program for the theory of numbers, the program *GnuPlot* to draw diagrams and *NetworkX* to solve problems in graph theory.

Contents of the course:

Theoretical teaching:

Maxima: Arithmetic of Arbitrary Accuracy; Calculation of Derivatives; Calculation of an Integral; Symbolic Account; Writing Functions and Basic Program Structure. *Octave*: Input Vector and Matrix; Solving Linear Equations; Finding Characteristic Values and Vectors; Writing Scripts and Functions. *GAP*: The Definition of Algebraic Structures; Finding the Order; Orbit; Generating Substructures. *GeoGebra*: Drawing Geometric Figures by Defining Free and Dependent Objects. *PARI/GP*: Work in Arbitrary Precision; Factorization of Numbers and Polynomials; Calculation of Ranges and Special Functions. *GnuPlot*: Defining Data; Setting Diagram Properties; Diagram in Diagram; Exporting Diagrams to PDF. *NetworkX*: Creating Graphs and Calculating Invariants; Generating and Working with Graph Collections; Extending the Program to New Generators and Invariants. *SAGE* as a Program that Combines all Previous Programs.

Practical classes (Exercises, DON, Study research work)

Practical exercises follow the theory of teaching by solving the appropriate types of mathematical tasks in the corresponding programs (*Maxima*, *Octave*, *GAP*, *GeoGebra*, *GnuPlot* and *newGRAPH*).

4.2.4. Manage Multimedia Content

ECTS: 6

Introducing students with the importance and wide use of multimedia in everyday life and modern business, and to introduce them to basic theoretical and practical approaches to designing and building multimedia content.

Outcome of the subject:

Ability to independently create and maintain multimedia content.

Contents of the course:

Theoretical teaching:

Introduction to Multimedia Content; Data Compression Standards and Techniques; Generic Multimedia Architecture; Data Modeling in Time-Oriented Media; Structuring Media Objects; Accommodation and Search for Multimedia Content; Implementing Multimedia Content Model; Audio Digitization; Audio Formats and Audio Compression; Image Digitization; Formats and Video Compression; Multimedia Systems Applications.

Practical classes (Exercises, DON, Study research work).

Creation of software examples and applications that fully illustrate the concepts of multimedia systems processed in lectures. Independent creation of a practical project - seminar work.

4.2.5. Introduction to Information Systems

ECTS: 5

Introduction to the basic terminology in the field of information system design, methodology of system design and data models (ER model, relational model, object model). Mastering the Methods of Structural Analysis Systems and UML. Mastering and using CASE tools. Syntax and techniques for the use of language relational and relational object databases.

Outcome of the subject:

Training students for the application of the methodology of designing information systems at the conceptual and implementation level.

Contents of the course:

Theoretical teaching:

1. Basic Concepts;

2. Methodological Basics of the Development of Information Systems;

3. Life Cycle of Software Development;

4. Conventional Approach to the Development of Information Systems;

5. Entity and Link model;

6. Basics of Object Orientation.

Practical classes (Exercises, DON, Study research work).

Training students to work with basic tools:

1. Use CASE tools for logical design of information systems;

2. Use the Delphi tool interface;

3. Using Oracle's basic editors.

4.2.6. Object Oriented Programming 1

ECTS: 7

Introduction to the essential characteristics of programming languages and knowledge of basic principles of work and structure of program translators and tools. Training for independent setup and solving problems in the field of object oriented programming. Acquiring knowledge about the concepts of modern programming languages and the principles of object-oriented programming in the case of the C ++ programming language. Training for self-solving program problems through laboratory exercises.

Outcome of the subject:

Acquiring basic theoretical knowledge about programming languages and practical experience for writing object-oriented software applications in world programming languages.

Contents of the course:

Theoretical teaching

Analysis of the Task; Development of the Algorithm; Programming; Testing the Documentation; General Properties of the Algorithm; Presentation of the Algorithm; Block Diagrams of Algorithmic Structures; Development and Types of Programming Languages; Modern Programming Techniques; Commands for Handling C ++; Language and Programming; ToolType Data; Declaring Variables; Definition of Constants; Control Structures; Run with Numbers and Strings; Standard Functions; Selection Orders; Repeat Commands; Character Strings; Fields; Procedures; Functions; Testing the Program; Detecting Errors in the Program.

Practical classes (Exercises, DON, Study research work).

In the course of the exercise, certain segments are developed with the aim to enable students to apply quality theoretical knowledge in the realization and solving of tasks and problems in the C ++ programming language through practical work on the exercises. Help in the preparation and defense of seminar papers.

4.2.7. Computer Architecture

ECTS: 7

Mastering students' principles of computer work, architecture of its orders, organization and implementation of computers. Mastering assembler programming at the beginner level.

Outcome of the subject:

Acquired knowledge is the basis for teaching the lessons on the following subjects.

Contents of the course:

Theoretical teaching:

The Concept of Computer Architecture; Computer Model; Machine Representation of Data; Command Architecture; Assembly Languages and Assembly Programming (subprogram, macro, stack); Principles of Computer Organization (memory, processor, coding and machine commands, processor organization, input / output devices, bus , interrupts); System Programs (editor, assembler, macro pre-processor, linker, louder, dibager, operating system).

Practical classes (exercises, DON, study research work).

Evolution of Computer Architecture (CISC, RISC, Flow and vector processors; Memory Hierarchy: Working, Mass, Associative, Hidden and Virtual Memory; Input-output Devices; Bus; Network; Multiprocessor and Multicast; Parallelism at Command Level and Command-line Level).

4.2.8. Databases

Introduction to basic terminology in the field of databases, relative data model and data model "entities and links" (MOV or ER model). Getting acquainted with techniques for designing and implementing a relational database schema.

Outcome of the subject:

Training students for the application of techniques for the conceptual and implementation of the database schema through the MOV model and translating such a scheme into a relational model. Synchronizing syntax and techniques using SQL language relational SQL databases and creating queries.

Contents of the course:

Theoretical teaching:

Basic Terms. Development of Data Management Process; The Concept of the Data Model. Model Object-links (ER model); The Notion of a Database Management System; Relational Data Model; Structural Component of RMP; Functional Dependence; Translation of the MOV Model into a Relational Data Model; Object-oriented Data Model; Distributed Databases for the Internet.

Practical classes (Exercises, DON, Study research work).

Database Management Software Access, Oracle, Progress, FoxPro, Database Management Software SQL, PL/SQL, Database Interface Software Delphi, Visual Basic, CASE Design Tool Designer, Oracle Designer.

4.2.9. Professional Practice for the Second Year

ECTS: 2

Acquiring direct knowledge about the functioning and organization of companies and institutions dealing with jobs within the profession for which the student is able to be trained and the ability to check and apply previously acquired theoretical knowledge in real terms, in practice. Through professional practice, students will master the skills of managing, managing, forecasting, organizing and controlling, and changing attitudes about the motive of achievement, thereby increasing their competencies as graduates of Informatics.

Outcome of the subject:

The change of teaching technology, through the realization of the teaching process in real conditions, without the presence of a professor from the faculty, increases the sense of responsibility of the students, mobilizing attention to the work tasks and problems that the student will solve during the practice together with the mentor or manager in charge of organizing practical work in the company -stands in manufacturing and service activities. Professional practice is a model for acquiring usable knowledge, by working in real systems to better understand and understand theoretical knowledge. Good execution of professional practice can also be a good recommendation for employment in a given company, contributing to the increase in the rating of faculties and its graduates with the employer.

Contents of the course:

Theoretical teaching:

Professional practice, as an obligation of each student, is defined in the Rulebook on the performance of professional student practice, adopted by the teaching faculty of the faculties, where, for each year of the study program, a program of professional practice, which in the form of practical work, is carried out in enterprises and institutions whose work process is compatible with given by the Program. The content of the program is formed for each student in agreement with the management of the company or institution, in accordance with the needs of the profession for which the student is being trained. A program of professional practice can also be carried out in computer laboratories.

Analysis of Existing Information System, Data and Information Flows, Presentation of Existing Hardware, Software and Network Equipment, Analysis of Existing Database, Analysis of Architecture of Computer System.

4.3. THIRD YEAR INFORMATIONAL TECHNOLOGY

4.3.1. Computer Graphics and Geometry

ECTS: 5

Introducing students with hardware and software standards and pointing to the importance of computer graphics and geometry. Enabling students to develop and manipulate elements of computer graphics and geometry in the level and space.

Outcome of the subject:

Acquired knowledge and skills are used to develop software for specific visualization of information using X3D and/or OpenGL, digitization and processing of graphic material - Photoshop, CorelDraw and Matlab.

Contents of the course:

Theoretical teaching:

Introduction; Graphic Systems Architecture; Raster graphic systems; Raster Display System Architecture; Raster Display System with a Special Display Processor; Interactive Computer Graphics; Graphic Standards; Reference Model of Computer Graphics; Printing Technologies; Screen Technology; Mathematical Approach to Computer Graphics; Transformation of Graphic Objects; Create a Video View; Coordinate Transformation; Designing the Scene on the Screen; Advanced Graphic Expression Techniques; Rendering; Color in Computer Graphics; Color Models in Computer Graphics; Computer Animation; Analytical Approach to Projective Geometry; Homogeneous Coordinates and the Concept of Projective Space; Bundle Level; Central Design; Projective Equivalence of Figures; Hyperlink the Second Row; Synthetic Approach to Projective Geometry; Axiom of Incidence, Order and Continuity; Projective Mappings; Second-order Blunders; Design in Euclidean and Projective Space; Application of Software Packages in Projective and Draft Geometry.

Practical classes (Exercises, DON, Study research work).

Monitoring the content of lectures through case studies, creating and defending seminar papers and practical computer work.

4.3.2. Business Information Systems

ECTS: 6

The objective of this course is to introduce students to the basic characteristics of business information systems. In doing so, the student is acquainted with all phases of the life cycle of the information system, from the acquisition of demands and business modeling, to the exploitation and modification of the information system. By mastering knowledge of business information systems, the student should integrate previously adopted IT knowledge.

Outcome of the subject:

The student who successfully completes this course is qualified for: recognition of the structure, role and function of the business information system, modeling of organizational entities and business processes using UML language, participation in projects of business information system development, administration of the work and initiation of modification of business information system, use of modern integrated business information systems.

Contents of the course:

Theoretical teaching:

Basic Concepts (Definition of IS, Role, Significance, Structure and Architecture of IS, Types and Types of IS); Life Cycle Models IS; Cascade Methods of Development; Incremental-iterative Methods; Agile IS Development Methods; Structured System Analysis; Systems Analysis and Analysis Tools; CASE Tools; Metamodels: Unified Modeling Language - UML; Zahman's Framework; Model Maturity Process (CMM); Types of Business Information Systems; Transaction Systems; Reporting Systems; Decision Support Systems-DSS; Group Decision Support Systems - GDSS, OLAM and OLTP Systems; Special Purpose Information Systems; Knowledge Management; Expert Systems; Artificial Intelligence; Management Support Systems; Decision Making in the Procurement and Development of Business Information Systems; Planning, Reviewing Opportunities and Needs; Selection of Suppliers; Quality Standards; Maintenance and Exploitation of the Information System; Data Protection; System Modification.

Practical classes (Exercises, DON, Study research work).

Teaching is based on the processing of a number of practical examples, through joint exercises on a computer, team projects and individual work. Practical teaching includes the following types of activities: modeling processes and entities using UML and adequate software tools, designing information systems for specific purposes, along with integration of previously adopted information knowledge from programming, web design and database, development of team projects on the design and implementation of simplified business information systems, deepening theoretical men of knowledge through student seminar given topics.

4.3.3. Computer Networks

ECTS: 6

The objective of the course is to master the basic principles and technologies in the field of communication and computer networks. In addition to training theoretical aspects, students are trained for practical work and application of the same technologies.

Outcome of the subject:

Training for working with modern communication tools and technologies, their design, application in business systems and maintenance.

Contents of the course:

Theoretical teaching:

A General Model of the Communication System; Harmonic Analysis of Periodic and Aperiodic Signals; Discretisation of Continuous Signals Coding and Types of Encoders; Pulse Code Modulation (TDM); Amplitude, Frequency and Phase Modulation Systems; Commutation Systems; Analog and Digital Transmission Systems; Transmission Media; Wired Media; Radio and Ratellite Communication Systems; Optoelectronic Transmission Systems; Digital Network of Integrated Services (ISDN); DSL Technology in Access Networks; Network Access Network and Services.

Practical classes (Exercises, DON, Study research work).

Solving tasks and practical problems and application examples using software for simulation of communication systems and computer networks.

4.3.4. Knowledge Management

ECTS: 4

The subject Knowledge Management aims to familiarize students with the basic characteristics of the knowledge economy, the basics of knowledge management theory and the basics of methodologies for monitoring and measuring intellectual capital organizations.

Outcome of the subject:

The student has mastered the concept of a knowledge-based strategy, the latest methods of monitoring and managing the invisible capital of a company, i.e. knowledge flow management. The student is competent to analyze and create solutions using further cutting-edge methods for managing knowledge flows in further education and work in a real environment.

Contents of the course:

Theoretical teaching:

Fundamentals of Knowledge Management Theory; Basic Characteristics of the Knowledge Economy; The Learning Organization; Knowledge Worker; Knowledge Flow Management Principles; Phases of the Knowledge Flow Management Process; COP s-Community of Experts as Support to Formal Organizational Structure; Case Studies of Knowledge Flow Management; Methods for Measuring and Monitoring the Organization's Intellectual Capital; IAM (Intangible Asset Monitor); - Monitor the Invisible Property; Value Networks.

Practical classes (Exercises, DON, Study research work).

The exercises are followed by teaching units that are processed within theoretical teaching.

4.3.5. Web Design

ECTS: 6

Meet students with basic Web design rules.

Outcome of the subject:

Enable students to design and implement simpler web applications with respect to basic Web design rules.

Contents of the course:

Theoretical teaching:

On-screen Display; Multi-platform Design; Response Time; Links; Style Definitions; Frames; Writing for Web Pages; Page Names; Letter Writing; Online Documentation; Multimedia; Pictures and Photos; Response Time; Animation, Video, Sound; Multimedia for Handicapped; Three-dimensional Graphics; Home Location; Page Width; Welcome Screen; Metaphor; Navigation; User and Navigation; Subscriptions; Searches; URL Design; Navigation Using Applets; Intranet-Internet Differences in Design; Extranet Design; Intranet Portals; Corporate Information Infrastructure; Intranet Design Standards; Web Access Control; Intranet User Testing; Design for Users with Reduced Abilities; Assistive Technology; Visual Impairment; Hearing Impairment; Speech Impairment; Cognitive Disabilities; Pragmatic Availability; Internationalization, Translated and Multilingual Locations; Regional Differences; Testing International Users; Methods; Self-testing; Long-term Tendencies; Information Devices; The End of the Web Reader; Increase in Bandwidth; Web Metaphors.

Practical classes (Exercises, DON, Study research work).

Application of software tools. Graphic design in solving specific graphic situations.

4.3.6. Internet Programming

Training students to solve problems in the field of Web programming, which includes knowledge of HTTP protocol, server and JSP technology, as well as the organization and architecture of web applications.

Outcome of the subject:

Acquired knowledge is the basis for teaching the teaching on the professional subjects that follow.

Contents of the course:

Theoretical teaching:

HTML Basics; Input / Output Subsystem; Competitive Programming; Network Programming; Client-Server Architecture; Basics of HTTP Protocol; Fundamentals of Servlet Technology; Tracking a Session; POST Method and File Upload; The Basics of JSP; JSP Expressions; JSP Scriptlets; JSP Declaration; JSP Directive; JavaBeans; The Scope of Component Visibility.

Practical classes (Exercises, DON, Study research work).

Exercises follow lectures on the same topics by solving tasks and creating a project task.

4.3.7. Object Oriented Programming 2

ECTS: 6

Students acquire the skills to develop software applications in the Java programming language

Outcome of the subject:

Ability to analyze, write and maintain Java code with full objectivity.

Contents of the course:

Theoretical teaching:

Java Environment; Object Oriented Programming in Java; Types of Variable; Operators; Control Structures in Java; Arrays and Character Strings; Operations with Arrays; Defining Classes; Defining Methods; Constructors; Overlapping Method; Objects; Recursion; Packages; Control Access to Class Members; Nested Classes; Derived Classes; Inheritance; Abstraction Classes; Object Conversion; Designing Classes; Interfaces; Exceptions; Handling Exceptions; Def. Own Ones; Currents; Class for Input and Output; Working with Objects File; Working with Files; Generic Class Types; Collections; Regular Expressions; Creating Threads; Thread Management; Graphical User Interface (GUI); Components and Containers; Event Handling; Java and XML; Parseri; Create XML; Documents; JDBC Package; Connection to Databases; SQL and JDBC; Other Areas of Application Java: JSP, Corba, Servlets.

Practical classes (Exercises, DON, Study research work)

Creation of software examples and applications that fully illustrate Java language concepts processed in lectures. Independent creation of a practical project - seminar work.

4.3.8. Professional Practice for the Third Year

ECTS: 2

Acquiring direct knowledge about the functioning and organization of companies and institutions dealing with jobs within the profession for which the student is able to be trained and the ability to check and apply previously acquired theoretical knowledge in real terms, in practice. Through professional practice, students will master the skills of managing, forecasting, organizing and controlling, and changing attitudes about the motive of achievement, thereby increasing their competencies as graduates of Informatics.

Outcome of the subject:

The change of teaching technology, through the realization of the teaching process in real conditions, without the presence of a professor from the faculty, increases the sense of responsibility of the students, mobilizing attention to the work tasks and problems that the student will solve during the practice together with the mentor or manager in charge of organizing practical work in the company -stands in manufacturing and service activities. Professional practice is a model for acquiring usable knowledge, by working in real systems to better understand and understand theoretical knowledge. Good execution of professional practice can also be a good recommendation for employment in a given company, contributing to the increase in the rating of faculties and its graduates with the employer.

Contents of the course:

Theoretical teaching:

Professional practice as an obligation of each student is defined in the Rulebook on the performance of professional student practice, adopted by the teaching staff of the faculties, where for each year of the study program, a program of professional practice, which in the form of practical work, is carried out in enterprises and institutions whose work process is compatible with given by the Program. The content of the program is formed for each student in agreement with the management of the company or institution, in accordance with the needs of the profession for which the student is being trained. A program of professional practice can also be carried out in computer laboratories. Analysis of electronic business or electronic banking, if it exists in a company, Detecting business problems of companies that would be resolved by introducing or innovating IS (Information System), Registering business processes that would be better and faster with the appropriate IS, Suggestions for improving these business process, based on previous analyzes.

4.4. FOURTH YEAR INFORMATIONAL TECHNOLOGY

4.4.1. Information Theory

ECTS: 6

The aim of the course is to provide students with basic knowledge in the field of information theory, whose importance derives from the role of information as a key resource of contemporary society.

Outcome of the subject:

After successfully completing a course, the student will be able to: define the concept and area of information theory. Look at the theory of information in an interdisciplinary context. Describe the general model of communication. Explain the meaning of the content (quantity) of information and entropy. Understand and apply basic compression methods. Determine the relationship of information and knowledge.

Contents of the course:

Theoretical teaching:

Introduction to the Theory of Information; Sources of Information; Discrete Sources without Memory; Markov's Sources; Language as the Source of Information; Continuous Sources of Information.

Practical classes (Exercises, DON, Study research work).

Computer exercises and simulations in a computer classroom, preparation of the project task in phases, practical work and verification of the results in the laboratory.

4.4.2. Software Engineering

ECTS: 7

Training students for the application of software engineering and software development techniques, including UML modeling, design and implementation of the system, design of quality user interfaces, design validation, verification and testing of software, and software maintenance techniques in order to develop quality software products.

Outcome of the subject:

After the successful completion of this course, students will have theoretical and practical knowledge about the formalization of system requirements in accordance with the needs of users, applying the principles of designing distributed systems, designing object-oriented systems using the UML diagram, and software testing tools.

Contents of the course:

Theoretical teaching:

Introduction to Software Engineering; Models of the Software Process; Analysis of Requirements and Specifications; Object-oriented Analysis and Creation of Class Diagrams Using the UML Diagram; Modeling Software Tools; Advanced Concepts of Modeling the Structure; Advanced Concepts of Behavior Modeling; System Design and Implementation; Design Improvement Techniques; Evaluation and Validation of Design; Usage Cases and User-oriented Design Solutions; Basic Design Patterns; Design Patterns; The Concept and Principles of Refinement; Basic Refinement and Refactoring Tools; Designing a User Interface; Reuse of Software; Verification and Validation; Software Testing; Automated Testing Tools; Delivery and Maintenance of the System; Techniques and Maintenance Tools; The Future of Software Engineering.

Practical classes (Exercises, DON, Study research work).

Auditory exercises follow lectures and introduce students to practical work with CASE tools that are carried out in laboratory exercises.

4.4.3. Methodology of Informatics Education

ECTS: 5

Adoption of methodical knowledge and construction of a complete professional orientation of professors of IT teaching. Introducing students to the goals and outcomes of IT education in secondary schools; with conditions for realization of IT education; with methods and forms of work in IT teaching. Acquiring necessary skills in working with students; skills for quality preparation, execution and assessment of teaching of IT subjects in secondary school, training for creative approach in IT teaching.

Outcome of the subject:

Students are expected to define the characteristics of Informatics as a teaching subject, define and describe methods, principles, and forms of work in informatics teaching, analyze curriculum, define types and specific structure of lessons in informatics subjects after studying the subject of *Methodology of Informatics*, plan and realize classes from computer courses with the use of computer teaching aids.

Contents of the course:

Theoretical teaching:

Methodology and Informatics and Its Position within Pedagogy; Characteristics of Informatics as a Science and Teaching Subject; Teaching Methods; Methods of Developing Creativity; Problem Teaching in Informatics; Introduction of Hypermedia in Class; Methods of Working with a Computer; Didactic Principles of IT Teaching; Training Students for Configuring and Maintaining Information Cabinets at School; Teaching Programs; Time as a Form of Teaching; Preparing Classes; Teaching Resources in IT Teaching; Testing and Evaluation of Knowledge; Administration.

Practical classes (Exercises, DON, Study research work).

At the exercises, students are introduced to examples of the implementation of various IT units in elementary and secondary schools. Students are also preparing for the implementation of professional methodical practice in Informatics that takes place in elementary and secondary schools.

4.4.4. Wireless and Mobile Communications

ECTS: 6

The main goal of the course is mastering the basic principles and technologies in the field of radio communications and wireless computer networks. In addition to training theoretical aspects, students are trained for practical work and application of the same technologies.

Outcome of the subject:

Training for working with the latest technologies in the field of wireless computer networks, their design, application and maintenance.

Contents of the course:

Theoretical teaching:

Introduction and Basic Concepts of Propagation of Radio Waves and Radio Communication Systems; Architecture of Wireless Computer Networks; IEEE 802.11 Standards; Protocols of LLC and MAC Layer; Second Layer IEEE 802.11; IEEE 802.11 Services; Fixed Broadband Access Systems for FWBA; Global Wireless Infrastructure - UWB Standard IEEE 802.15.3a, for Wireless Personal Networks; WiFi Standards IEEE 802.11 a, b, g; WiMAX Standards IEEE 802.16 e, d; Bluetooth Standard IEEE 802.15.1; ETSI BRANE the HiperLAN and HiperAccess Standards.

Practical classes (Exercises, DON, Study research work).

Solving tasks and practical problems with the application of simulation software for wireless computing networks.

4.4.5. Interaction Man-Computer

ECTS: 6

The subject examines the concepts of human and computer interaction on both sides of the user interface, including human factors, performance analysis, learning processes, usage studies, interaction styles. The process of development of the user interface with the emphasis on the user-friendly design and the methodology of evaluation of the interfaces is also being processed.

Outcome of the subject:

After examining the subject, the student understands the importance of human factor, cognitive processes, environments and user training and successfully applies them in the development, implementation and analysis of the performance of the user interface.

Contents of the course:

Theoretical teaching:

Interaction Concepts and Interfaces; Evolution of the Computer Interface; Problems of Interaction Between Man and Computer; Understanding Users: Cognitive Principles and Cognitive Ergonomics; Types and Examples of User Interfaces; Graphical User Interfaces; Perceptual User Interfaces; Customer-focused Interfaces; Web-oriented User Interfaces; Intelligent User Interfaces and Adaptation According to User Needs; Methodology of User Interface Development; The Importance of a Good Design and Knowledge of the User Model; Modeling a User-oriented Task; Organization of the Graphic Representation of the Intélection; Menu and Window Systems; Feedback and Customer Support; Concept of Usability; Evaluating the Usability of User Interfaces; Study Examples; Software Tools for Development of User Interfaces.

Practical classes (Exercises, DON, Study research work).

Group analysis and discussion of topics, selected articles and seminar papers. Solving assigned assignments and problems, both independently and under the supervision of teachers.

4.4.6. Web Application Security

ECTS: 6

Introducing students with basic concepts of security and information protection in the web environment. Training students to recognize the degree of criticality of the domain of application of complex software, analysis, modeling and implementation of authorization and protection mechanisms within complex software systems.

Outcome of the subject:

Identification, specification, modeling and implementation of protection mechanisms in the web environment. Upon successful completion of the exam, students can design protection and recovery mechanisms within web applications and participate in monitoring and controlling the degree of protection, security, and security of applications.

Contents of the course:

Theoretical teaching:

Basic concepts related to security and security of web applications; Introduction to the Basics of Security and Information Protection; Concepts of Terminology of Protection; Strategic and Tactical Solving of Protection Problems; Reactive and Proactive Systems of Protection; Systemic Process and Object-oriented Approach and Progressive Maturation of the Protection Process; Mechanisms and Methods of Authorization, Protection and Recovery of the System; Secure Information Network; Security; Web Security; KSSS; SKL; Digital Information - Protection and Access.

Practical classes (Exercises, DON, Study research work).

Modeling of protective mechanisms, design of protected software, dynamic configuration. Implementation of protection and recovery mechanisms. Standards and regulations in the domain of protection.

4.4.7. Applications of Information and Communication Technologies

ECTS: 7

Students are introduced with basic concepts in information and communication technologies and acquire skills for working with a computer. This will greatly improve its productivity in troubleshooting with the help of information technology and tools typically available on a personal computer.

Course Outcome:

Students will gain the knowledge and skills necessary for working with a computer, as well as basic knowledge about the application of modern information and communication technologies.

Contents of the course:

Theoretical teaching

The Importance of ICT for the Development of Society; Automatic Data Processing; Application of ICT in Business Social and Educational Systems; Communication Technology; Electronic Store; Data Protection; Application of ICT in Fidelity; Telemedicine; Basics of Static and Dynamic Images; Basic Characteristics of Medical Image; Ultrasonic Recording; A-mod; B-mod; TM-mod; C-mod; Doppler; X-ray Recording; Application of ICT in Insurance Business; ICT in the Management of Technological Processes; System Engineering Approach and Computer-managed Systems; Basic Theoretical Knowledge (temperature regulation, digital signal processing, SCADA); Presentation of Automated PC-based Automated Management Projects for the Needs of the Industry; IKT in Financial Accounting; ICT in Education; Educational Software; E-learning; Distance Education.

Practical classes (Exercises, DON, Study research work).

Exercises follow lectures on the same topics by solving tasks and preparing seminar work.

4.4.8. Electronic Teaching and Learning

ECTS: 6

Introduction to the knowledge of the system of psychological and pedagogical sciences, as well as methodologies about the process of learning and teaching in the traditional and e-environment. Training for monitoring, directing and shaping the learning and teaching process in the traditional and electronic environment.

Outcome of the subject:

The student, at the end of the course, functionally explains the basic processes and dimensions of education, teaching and learning; recognizes the effects of different factors and determinants of learning and teaching in the traditional and electronic pedagogical context, analyzes interaction and communication in different teaching contexts, and plans and forms teaching and teaching procedures; knows the dimensions of the professional work of teachers and e-educators and plans to develop their own professional skills in this field.

Contents of the course:

Theoretical teaching:

Electronic Learning Environment; Organizational Factors and Learning Strategies; Personal Dimension of Learning and Personality Traits - Features, Abilities, Skills and Styles; Educational Needs and Motivation for E-education; Psychological Frameworks of Individualization and Personalization of Teaching and E-learning; Educational and Teaching Work with Special Categories of Pupils; Professional Development and Implementation of E-learning and E-learning in Working with Special Professional Groups; Communication and Psycho-social Dimensions of Upbringing and E-learning; Communication in Traditional and E-learning, Asynchronous and Synchronous Communication in E-learning; Collaboration and Co-operation in E-learning; Class Climate; Learning Groups and Electronic Classes; The E-learning Scenario; Evaluation of E-learning and Learning Processes; Doctomological Aspects, Techniques and Evaluation Procedures; A Teacher in Traditional and E-education; Profiles of Experts in E-education; Competencies and Roles; Planning the Professional Development of E-teachers.

Practical classes (Exercises, DON, Study research work).

Group analysis and discussion of specific topics and works. Comparative analysis of theories and models. Presentation of a specific implementation case. Demonstration and development of evaluation procedures. Competence development.

4.4.9. E-business

ECTS: 6

The objective of the course is that students acquire the opportunity to work independently in the field of electronic business in order to be able to apply the same in the modern business world.

Outcome of the subject:

Mastering the terminology, acquiring knowledge necessary for designing and integrating information systems in the field of electronic business, acquiring knowledge for practical implementation of the system in the software domain.

Contents of the course:

Theoretical teaching:

Information Society and E-Europe Initiative; Internet Business Technology Framework; Internet Technology Standards; Internet and Business Functions of the Company; Virtual Enterprise and Virtual Network Concepts; Trade and Banking on the Internet; Marketing and Business Information on the Internet; Web Architecture and Maintenance WEB Content; Technological Infrastructure of Electronic Commerce; Data Protection and Legal Aspects of Internet Business; E-Government and e-Education.

Practical classes (Exercises, DON, Study research work).

Exercises follow lectures on the same topics by solving tasks and creating a project task.

4.4.10. Final Work

ECTS: 8

The goal of designing and defending the final work is that the student shows the ability to independently effectively and efficiently solve the set of a more complex problem within the selected study program of the second cycle of academic education.

Outcome of the subject:

By elaborating and defending the final work, students who have completed their studies acquired the competences envisaged in the study program, i.e. the student has the necessary academic theoretical and practical knowledge and skills in the selected field, knows in the academic environment a widely accepted methodology for solving complex problems and is able to apply them independently and creatively in solving the problems that will arise in practice. The student is trained for further training during professional work by following appropriate professional literature, to cooperate in the team in solving complex problems, both in the local and global environment.

Contents of the course:

Theoretical teaching:

In general, the content studied in the final work depends on the selected study area and basically represents the integration of the knowledge and skills listed in the subjects that cover the selected study area. The first part of the Introduction describes the needs in the field of research interest, the most important results so far to meet these needs, the description of a specific problem and why it is worth exploring, the goals that are sought to be achieved by solving the problem. The second part of the Introduction contains a shorter review of the proposed approach to the solution of a specific problem, and the third contains a further description of the structure of the final work. The second chapter of the paper provides an overview of the situation in the field of particular interest in the research. The third chapter presents the part of the world that is the subject of study and finds a distorted problem in that world. The fourth chapter contains a methodology for solving the problem. Chapter five illustrates the solution to the problem, i.e. the results of the research and the discussion of specific issues. A special chapter contains the Conclusion, i.e. the summary on solving the problem, the main results that have occurred during the research and their discussion. Finally, Literature is the complete list of sources that are cited in the paper.