



COURSES IN ENGLISH PROVIDED BY DEPARTMENT OF PEDAGOGICAL STUDIES

CONTENT OF STUDY

BA STUDY PROGRAMME

8BV001 Introduction to Educational Sciences

The course introduces basic terms and concepts of educational sciences and studies: Education – formal, informal and nonformal. Educational standards. Educational aims and objectives (especially cognitive). ISCED scales of education. Educational and school environments. State and school educational programmes. Comparison of traditional and innovative attitudes to educational studies. Constructivist education. Concept learning and teaching. Bernstein’s theory of educational determinants. Bloom’s mastery learning. Evaluation tools for functional literacy. Educators and continuing professional education and development (CPD). Educational systems in EU. Education and policy makers. Educational accountability. Quality of education.

8BS025 Social Psychology

The course of social psychology is focused on forming basics of social psychological thinking in the context of professional work with people. It reviews the theory of interpersonal interactions in macro and micro social space. It deals with social psychological aspects of pedagogical communication. It informs about the rules and conditions of adequate social perception and attribution; both of them in connection with cultivation and self education possibilities. The next part is formed by psychology of group life; psychological aspects of a structure and dynamics of groups with respect to the specificity of various sorts of groups and various spheres of social life.

8BS033 Ethnic, marginal and risk groups

The main objective of the course is to introduce students to the overview of the history, development, characteristics and specificities of ethnic, marginal and risk groups, occurring in the territory of the Slovak Republic and beyond. It clarifies the development and operation of the current problems of ethnic, marginal and risk groups. It gives a basic overview of the overall situation, not only national minorities, but also social, religious, cultural or otherwise disadvantaged groups. It points to the existing measures for integration (or disintegration) in disadvantaged groups. This course also implies outline of possible future developments in selected issues in the region, as well as finding ways to solve this problems on the basis of discussion.



8BS005 Introduction to Sociology

Introduction to Sociology is intended to be a one-semester introductory sociology course. This course focuses on understanding sociological perspective which stresses importance of the impact of social forces external to the individual in shaping human lives and experience. Topics included in the course are: culture, social interaction, social groups, social deviance, social norms and values, social inequality, social class, institutions, and others. Sociology lends itself to the use of a 'sociological imagination' to understand the relationship between our everyday experience and larger social phenomena. Students are therefore expected to participate in class discussions and engage in critical thought on the social world to understand and develop their sociological imagination.

8BV007 Theory of teaching training

Guide to the theory of teaching training. The concepts and theories of teaching/learning. Learning objectives – definition (aims, goals), various taxonomies, specification of learning objectives in teaching phases. School system- OECD classification levels of education. Curriculum - definition, classification of various authors. Co-curricular changes and trends in the European Union. National educational program and levels. Key European documents. Making school educational programme (SWOT analysis). Student learning styles and key competencies. Teaching methods - discussion methods, Phillips 66, Hobo method, brainstorming, problem learning method, case study and role playing, heuristics method; making project. Teaching forms. Classification and evaluation in school. How to be a good teacher.

8PB015 Developmental Psychology

The aim of the developmental psychology is directed on understanding of the main principles and regularity in the process of mental development focusing on cognitive, motoric, emotional, moral and personal progress. The course focuses on the dynamic changes in each of the individual developmental stages, the influence and impact of partial factors and the difficulties in adaptability, upbringing and education. At the end of this course, the students should be able to understand individual developmental stages of the human life (childhood, adolescence, adulthood, old age), interpret the knowledge about the changes in development of the individual psychic functions and use the information about the changes in mental development in a special approach to each period.

8TB004 Mathematical Analysis II.

INTEGRATION

Area, the integral, some properties of the integral, differentiation and integration, elementary methods of integration, integrating rational, irrational, trigonometric and other transcendental functions, Riemann integral, more properties of the integral. Integral as a function of the upper limit Newton - Leibniz formula. Methods of integration for definite integral, applications of definite integral. Definition and properties of improper integrals, convergence criteria.

SERIES



Definitions, Series of positive terms, Elementary properties of series, Series and Cauchy sequences, Absolute and conditional convergence, Manipulations with series

8TB006 Introduction to Study of Mathematics

The structure of mathematics, axioms and basic concepts, definitions and theorems.

Mathematical logic:

statement and its negation, the basics of propositional calculus. Necessary and sufficient conditions. Set notation. The basic properties of sets and set operations. Number sets. The structure of the set of all real numbers. Arithmetic. Inequalities. Roots. Expression of rational numbers. Irrational numbers. Improper numbers. The symbol for addition and multiplication symbol for. Quantifiers. Complex numbers.

8TB007 Selected Topics of Mathematical Analysis II.

Additional examples and exercises aimed at practice the following topics:

INTEGRATION

Area, the integral, some properties of the integral, differentiation and integration, elementary methods of integration, integrating rational, irrational, trigonometric and other transcendental functions, Riemann integral, more properties of the integral. Integral as a function of the upper limit Newton - Leibniz formula. Methods of integration for definite integral, applications of definite integral. Definition and properties of improper integrals, convergence criteria.

SERIES

Definitions, Series of positive terms, Elementary properties of series, Series and Cauchy sequences, Absolute and conditional convergence, Manipulations with series