Academic course description

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| Bachelor ‘S PROGRAMME**Preschool and Primary School Pedagogy**2nd YEAR OF STUDY, 1st SEMESTER |

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| **Course title** | | **Research Methods in education** |
| Course code | | - |
| Course type | | full attendance/ tutorial |
| Course level | | 1st cycle (bachelor’s degree) |
| Year of study, semester | | 2nd year of study, 1st semester |
| Number of ECTS credits | | 6 |
| Number of hours per week | | 4 (2 lecture hours + 2 seminar hours) |
| Name of lecture holder | | Professor, PhD, Nicoleta Laura Popa |
| Name of seminar holder | | Assistant professor, PhD, Assante Gabriela Monica |
| Prerequisites | | Advanced level of English |
| A | **General and course-specific competences** | |
|  | **General competences**:   * Development of specific professional practices of the specialist in education sciences field * Self-assessment of training needs in order to adapt the individual professional skills to the social context dynamics   **Course-specific competences**:   * Adequate use of specific knowledge of pedagogical research in the analysis of professional activity * Implementation of research principles and specific methodologies to professional development and empirical research for identifying and solving educational problems * Development of good professional practices and of research projects, following the specific principles and methodological norms. | |
| B | **Learning outcomes** | |
|  | * Generate good research hypotheses or questions; * Use quantitative and qualitative methods of data collection and analysis; * Interpret results of educational research; * Write a research report; | |
| C | **Lecture content** | |
|  | * Quantitative and qualitative research methods; * Case studies; * Experimental method; * Validity and reliability in educational research; * Ethics protocols in educational research. | |
| D | **Recommended reading for lectures** | |
|  | * Gall, M., Gall., J., Borg, W. R. (2007). Educational research: an introduction (8th ed.), Pearson Prentice Hall, Columbus, Ohio; * Gay, L. R., Mills., G. E., Airasian, P. (2006). Educational research. Competencies for analysis and applications (8th ed.), Pearson Prentice Hall, Columbus, Ohio. * Johnson, B., Christensen, L. (2004). Educational research: quantitative, qualitative, and mixed approaches (2nd ed.), Pearson Prentice Hall, Columbus, Ohio. | |
| E | **Seminar content** | |
|  | * Descriptive statistics; * SPSS Basics * Inferential statistics; | |
| F | **Recommended reading for seminars** | |
|  | * Field, A. (2013). Discovering statistics using IBM SPSS statistics. Sage. | |
| G | **Education style** | |
| learning and teaching methods | | Exercising, demonstration, heuristic conversation, problem solving method, case studies |
| assessment methods | | Practical exam (50%)  Final written exam (50%) |
| Language of instruction | | English |