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.
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| 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;
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| C | **Lecture content** |
|  | * Quantitative and qualitative research methods;
* Case studies;
* Experimental method;
* Validity and reliability in educational research;
* Ethics protocols in educational research.
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| 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.
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| E | **Seminar content** |
|  | * Descriptive statistics;
* SPSS Basics
* Inferential statistics;
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| F | **Recommended reading for seminars** |
|  | * Field, A. (2013). Discovering statistics using IBM SPSS statistics. Sage.
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| 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 |