

A-II Characteristics of the study programme	
<b>Name of the study programme</b>	Research and Development in Educational Studies.
<b>Type of the study programme</b>	Master
<b>Profile of the study programme</b>	Academic profile
<b>Form of the study</b>	Full time
<b>Standard length of study</b>	2 years
<b>Language</b>	English
<b>Academic title</b>	Mgr.
<b>Guarantor of the study programme</b>	doc. PhDr. Tomáš ČECH, Ph.D.
<b>Focus on preparation for a regulated profession</b>	no
<b>Focus on the preparation of the security experts in the Czech Republic</b>	no
<b>Approving authority</b>	no
Fields of the education and percentage share of individual fields in combined study programme	
<p>It is a non-teaching education study programme that contains the following areas:</p> <p>Non-teaching Education (100%)</p> <ul style="list-style-type: none"> <li>• General Theory and Methodology of Science.</li> <li>• Educational Research and Academic Writing.</li> <li>• Quality Management in Education.</li> <li>• Critical Thinking in Education.</li> <li>• Philosophy and Sociology of Education.</li> <li>• Educational psychology.</li> <li>• Pedagogic diagnosis.</li> <li>• Comparative Education.</li> <li>• Soft skills Improvement.</li> </ul>	
The aim of the study programme	
<p>The Master of Research and Development in Educational Studies offers a research-based and research-oriented programme providing broad expertise in the field of education. The graduate has deep knowledge in selected disciplines.</p> <ul style="list-style-type: none"> <li>• Graduate has a research-based understanding of educational processes, taking into account the various factors that play a role at the level of day-to-day practice, organisation, educational policy and society.</li> <li>• Graduate is also acquainted with the main trends in the contemporary pedagogical theory and practice. The graduate also follows the methodology of research in educational fields, methods of data acquisition, relevant statistical methods of data evaluation as well as other analytical methods.</li> <li>• Graduate is capable of independent scientific research activities and can be applied in pedagogical and research activities at educational organisations.</li> </ul>	
Profile of the graduate	
<p>After successful completion of the master study programme, the graduate will be able to:</p> <ul style="list-style-type: none"> <li>• a thorough understanding of several theoretical approaches and methodologies to study, evaluate and discuss educational issues,</li> <li>• present, critically reflect and interpret current trends in education as a science discipline in the Czech Republic and abroad, in the wider context of social reality, especially in relation to their professional profiling,</li> </ul>	

- interpret, argue and apply contemporary theories of education and the transformation of the paradigm of curricular discourse in the context of the development of related scientific disciplines and in relation to their professional profiling,
- the necessary competencies and skills to independently conduct and implement empirical researches, design instruments, develop training modules and curricula, guide and evaluate innovation processes and engage with the historical and global aspects of education,
- aimed at widening and enriching the state of scientific knowledge in accordance with the relevant discourses of pedagogical sciences and ethical principles,
- participate in scientific and research project and grant activities within larger scientific teams.
- implement the topic of their expertise in university process of education.

Characteristics through typical professions – research workers.

### Rules and conditions for creating study plans

It is a study programme without specialization.

The curriculum consists of 18 obligatory subjects (8 of the subjects have 6 credits each, 9 subjects have 5 credits each, 1 subject has 3 credits, 96 credits in total), 8 restricted elective subjects (3 credits each, 24 credits in total), which the student chooses minimum 4 subjects in accordance with the orientation of his/her thesis and educational activities (i.e. 12 credits), taking part in Final Theses Practice (10 credits).

The programme concept therefore respects the requirements of the long-term plan for the education and development of educational and scientific, research, development and innovation, art and other creative activities for the higher education area in the Czech Republic, the long-term plan of activities of the Palacky University in Olomouc and the long-term plan of the Faculty of Education of Palacky University. It is in line with the Education Policy Strategy of the Czech Republic.

### Admission conditions

#### Admission conditions:

Those applicants will be accepted to study this master programme who graduated from the follow-up bachelor's study programmes focused on the area of education and training and who meet the legal condition of graduation of the previous level of study and who successfully pass the admission exam.

#### Admission requirements:

Within the admission procedure, the applicants need to meet the following requirements:

- Educational Background  
Bachelor's degree in the field of the Humanities and Social Sciences. Or any other Bachelor's degree in combination with a teacher qualification.
- Study motivation letter
- Language competence  
The standard English language requirement is at a level B2 in accordance with the Common European Framework of Reference for Languages (CEFR). Minimum language requirements in the Test of English as a Foreign Language (TOEFL): Internet based Test (IbT): 61, Computer based Test (CbT): 173, Paper based Test (PbT): 500 or an International English Language Testing System (IELTS) overall band score of at least 6.0.

### Link to other types of study programmes

Those students will be accepted who graduated from bachelor's degree programmes in Specialization in Education, Education, Social Education, Education for Primary Schools, Education for Secondary Schools. The graduates can continue in Doctoral Study Program Education.

A-III Study plans and design of thesis topics						
Marking of the study plan		Research and Development in Educational Studies.				
Obligatory courses						
Name of the course	Scope*	Evaluation method	ECTS	Teacher	Recommended year / semester	Basis of the profile
Educational Research and Academic Writing	0+26+0	credit	6	doc. PhDr. Tomáš ČECH, Ph.D. PaedDr. Alena JUVOVÁ, Ph.D.	1/WS	PZ
General Theory a Methodology of Science	26+26++0	exam	6	doc. PhDr. Tomáš ČECH, Ph.D. Mgr. Pavel NEUMEISTER, Ph.D.	1/WS	ZT
Philosophy and Sociology of Education	26+13+0	colloquium	5	doc. Mgr. Štefan CHUDÝ, Ph.D. Mgr. Pavel NEUMEISTER, Ph.D.	1/WS	ZT
Educational Psychology	26+0+0	exam	5	doc. PhDr. Irena PLEVOVÁ, Ph.D. PhDr. Jana KVINTOVÁ, Ph.D. Mgr. Lucie KŘEMÉNKOVÁ, Ph.D.	1/WS	ZT
Comparative Education 1 - methods of analysing of state policy of education	13+26+0	credit colloquium	5	JUDr. Zdenka NOVÁKOVÁ, Ph.D.	1/WS	PZ
Comparative Education 2 - methods of analysing of Curriculum	13+26+0	credit colloquium	5	Mgr. Eva DVOŘÁKOVÁ KANĚČKOVÁ, Ph.D., Mgr. Jiří KROPÁČ	1/WS	PZ
Qualitative Research 1	13+26+0	credit	6	doc. PhDr. Tomáš ČECH, Ph.D. Mgr. Danping PENG, Ph.D.	1/SS	ZT
Comparative Education 3 - methods of analysing of Teaching practice	13+26+0	credit colloquium	5	PhDr. Jitka PLISCHKE, Ph.D.	1/SS	PZ
Quantitative Research 1	13+26+0	credit	6	doc. PhDr. Miroslav CHRÁSKA, Ph.D. PhDr. René SZOTKOWSKI, Ph.D. Mgr. Jiří KROPÁČ	1/SS	ZT
Modern and alternative trends in education	26+0+0	exam	5	doc. PhDr. Jana KANTOROVÁ, Ph.D.	1/SS	ZT
Soft skills Improvement	13+0+0	credit	3	PhDr. Pavla ANDRYSOVÁ, Ph.D.	1/SS	PZ

Comparative Education 4 - methods of analysing of school management	13+26+0	credit colloquium	5	doc. Mgr. Štefan CHUDÝ, Ph.D. Mgr. Danping PENG, Ph.D.	2/WS	PZ
Qualitative Research 2	13+26+0	credit, exam	6	doc. PhDr. Tomáš ČECH, Ph.D. Mgr. Danping PENG, Ph.D.	2/WS	ZT
Quantitative Research 2	13+26+0	credit, exam	6	doc. PhDr. Miroslav CHRÁSKA, Ph.D. PhDr. René SZOTKOWSKI, Ph.D. Mgr. Jiří KROPÁČ	2/WS	ZT
Pedagogical Diagnosis	13+26+0	credit, exam	6	doc. Mgr. Štefan CHUDÝ, Ph.D. Mgr. Danping PENG, Ph.D.	2/WS	ZT
Action research in education	13+26+0	credit, exam	6	doc. Mgr. Štefan CHUDÝ, Ph.D. Mgr. Jiří KROPÁČ	2/WS	ZT
Quality Management in Education	13+26+0	colloquium	5	doc. PhDr. Hana MAREŠOVÁ, Ph.D., MBA	2/SS	PZ
Virtual Education	0+26+0	credit	5	doc. PhDr. Hana MAREŠOVÁ, Ph.D., MBA	2SS	PZ
Practice for Final Theses	30 days	credit	10	doc. PhDr. Tomáš ČECH, Ph.D.	2/SS	PZ
<b>Restricted electives</b>						
Multicultural Education	0+26+0	credit	3	PhDr. Jitka PLISCHKE, Ph.D.		
Ethics in Education	0+26+0	credit	3	doc. Mgr. Štefan CHUDÝ, Ph.D. Mgr. Adéla ANTLOVÁ		
Education and Emerging Technologies	0+26+0	credit	3	PhDr. René SZOTKOWSKI, Ph.D. doc. Mgr. Kamil Kopecký, Ph.D.		
Teachers in 21st century	0+26+0	credit	3	Ph.D.PaedDr. Alena JUVOVÁ, Ph.D.		
Citizenship and Identity	0+26+0	credit	3	PhDr. Jitka PLISCHKE, Ph.D.		
Enterpreneurial Education	0+26+0	credit	3	Ing. Alena OPLETALOVÁ, Ph.D.		
Case Study	0+26+0	credit	3	Mgr. et Mgr. Jan CHRASTINA, Ph.D.		
Critical Thinking in Education	0+26+0	credit	3	doc. Mgr. Štefan CHUDÝ, Ph.D. Mgr. Iva Koribská		

**Condition for fulfilling this group of subjects:**

The student is obliged to register at least 9 type B credits during his / her study - Restricted elective

Individual courses will be offered in the given academic year according to the current possibilities of the workplace.

During their studies, students are allowed to enroll in elective courses from the university-wide range of courses with a maximum of 3 credits.

**Scope of the state exam and its content**

Within the framework of the final state examination, the student is required to demonstrate acquired knowledge from the field of obligatory and restricted elective subjects, mainly through analysis, synthesis, evaluation of the acquired knowledge and demonstration of the possibilities of their application in the area where the student's thesis is directed. An important part of the state exam is the defence of thesis, which is a concretized and finalized thesis project. The thesis represents a summary of the student's knowledge acquired not only within the obligatory and restricted elective disciplines, but also follows the outcomes of the research activities of the student. The thesis is based on the set objectives and contains the synthesis and the assessment of the current state of research in the field of education, which forms the basis for a sophisticated design of empirical research. The above-mentioned knowledge will be also verified on the basis of the two following thematic parts of the state examination (students will be given at least 2 thematic areas within the oral exam). Each part of the examination will be evaluated separately.

- Defence of diploma thesis - it is solved within the major program.
- Exam from the Theoretical Basis of Educational Studies
- Exam from the Methodological Aspects of Educational Research

**Theoretical Basis of Educational Studies**

1. Concept of science and research, philosophy of science in relation to pedagogy.
2. Ethical principles research and publications.
3. Educational means in the context of social development with regard to the Central European and Anglo-Saxon tradition and their possibilities and application at present. Traditionalism versus Innovation.
4. Identification of social influences on the educational process from various points of view: relations between the individual and social in education, cultural crisis, problem of value education, sense and purpose of education.
5. The essence of education and its management in different societies based on the formation of their culture.
6. Theories of learning and their reflection in the educational approaches.
7. Motivational and emotional factors of education.
8. Psychosocial aspects of education.
9. Contemporary transformation of educational profession focuses of development and innovation trends of education
10. Concept of teaching quality, the basic of quality management.
11. Dimension of teacher professionalism and new trends in virtual education.

**Methodological Aspects of Educational Research**

1. Theoretical research: The relationship between research questions and the chosen design and the overall linking of the theoretical background to the proposal of the research project with respect to the ethical principles.
2. History and current state of quantitative research in education, theoretical background.
3. The history and the current state of qualitative research in pedagogy, the theoretical basis and the choice of qualitative methodology.
4. Discourse analysis of the influence of various philosophical trends of the 19th and 20th centuries on the development of pedagogy as a scientific discipline.
5. Changes in the paradigm of curricular discourse, determinants and theoretical context of the curriculum and research.
6. Research in the teaching quality, as the basic of quality management.
7. Action Research as a way to teacher professionalism development.
8. Research in new trends of virtual education.

Within the state exam, the student will present a list of relevant literature graduate has studied (at least 1/3 of which will draw from foreign sources) and will also be able to respond to questions about his / her thesis.

<b>Other study obligations</b>	
<b>Suggestions for the topics of theses and defended theses</b>	<ol style="list-style-type: none"> <li>1. A constitution of the professional beliefs of the novice researcher in university.</li> <li>2. Reflection of undergraduate training for the researcher in university.</li> <li>3. Self-identity as a value of the researchers from a different socio-cultural environment.</li> <li>4. The role of researcher in the transformation of new curriculum.</li> <li>5. Analysis of the process of shaping professional thinking and beliefs during the preparation of researcher.</li> <li>6. The impact of technologies on the learning process.</li> <li>7. Ethical aspects of multicultural education in contemporary school conditions.</li> <li>8. Quality management as a part of innovation strategies in educational environment.</li> <li>9. School culture in the implementation of educational strategies in the context of the schools and educational organisations.</li> <li>10. Current trends in graduate preparation of pedagogic staff.</li> <li>11. Educational technology and its development in university.</li> <li>12. University-based teacher education in new era.</li> <li>13. Multi-cultural perspective on novice teachers' professional identity construction in high education.</li> <li>14. Leadership development in international research groups.</li> <li>15. Research strategies as a crucial part of the development of educational organisations.</li> </ol>

<b>Requirements for creative activity</b>	
<b>Internship requirements</b>	<p>The student is obliged to participate in the foreign scientific-research internship of at least 1 month. The internship serves to extend the students' knowledge and the placement of the internship corresponds to the topic of the thesis.</p> <p>The results of the placement must be defended by the student in the form of a final report.</p>
<b>Other study obligations</b>	<p>Other study obligations set by the study regulations include:</p> <p>Active participation at the international conferences, participation in the research activities.</p>