Field of study	**Upper and Lower Secondary School Teacher Training in Technical and Information Education**
Faculty	Faculty of Education
Study	Double-subject, Master´s degree, full-time
Length of study (years)	2
Academic degree	Mgr. (similar to M.Ed.)
Combined with...	Lower Secondary School Teacher Training in English Language
Study guaranteed by	Doc. Ing. Čestmír Serafín, Dr. Department of Technical and Information Education Žižkovo nám. 5 771 40 Olomouc https://www.pdf.upol.cz/ktiv/

Description of the programme

The objective of the field of study is to provide comprehensive professional Master's education that prepares graduates for teaching subjects, thematic units, courses and projects in the field of technical education, information education and information technology in educational institutions. The graduates from this field of study will acquire the knowledge and skills in the area of technical education, information and communication technology, contemporary didactic concepts and methodological approaches to teaching technical and information-oriented subjects.

Graduate profile and job opportunities

After completion of the study the graduate will be able to:
- Control the process of transformation of the knowledge of the fields covered by the teaching qualification into the educational process, i.e. determine the objectives, perform a critical analysis, interpretation and structuring of the content of curriculum, select appropriate forms and methods of teaching, and consider individual possibilities and needs of students;
- Select appropriate methods of evaluation and self-evaluation of the teaching process and its results, reflect on the teaching process and its results in order to improve the quality of planning further education;
- Plan lessons according to the objectives defined in the curricular documents and with respect to individual students' possibilities;
- Select and use teaching materials and resources appropriate to specific subjects;
- Use appropriate information and communication technology;
- Apply various teaching methods and organizational forms with respect to own teaching qualification;
- Analyse internal relationships of the fields covered by the teaching qualification, their relationships with practical applications, cross-sectional relationships and overlaps;
- Create a high-quality environment for learning, especially a social-emotional climate based on mutual respect, cooperation and observance of an agreed code of conduct in classes;

- In an appropriate way adapt the knowledge and skills to a specific context of a specific class, grade, school, and community;
- Apply appropriate diagnostic methods to assess students' performance;
- Communicate with the students in a cultivated way, with respect and appropriately to their age, communicate with parents and colleagues in an appropriate manner;
- Adapt the educational programme in the respective disciplines to the specific conditions of the students and grades;
- In an independent and appropriate way ensure the process of teaching technical and information education in all stages (planning, teaching, reflection);
- Based on own knowledge, evaluate own teaching performance; based on self-reflection creatively improve the quality of the teaching process;
- Analyse the educational programme in terms of expected learning outcomes in the fields covered by the teaching qualification;
- Formulate a research problem in the area of field qualification, field didactics, education and psychology;
- Select appropriate research methods to address a research problem in the area of field qualification, field didactics, education and psychology;
- Structure and formulate a scientific text, use scientific language, present the results of own research to a scientific community.

Admission requirements
Bachelor´s degree in Basics of technical sciences and information technology for education or Information education with a focus on education (or similar study programme).

Language competence:
- The standard English language requirement is level B2 in accordance to 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.

The applicant must prove his/her fitness for study in a motivation letter (in English) and a profile essay 15 000 – 20 000 symbols long, focused on the area of the study programme.

The applicants are required to send:
- application (online application form);
- proof of recognition of their previous education (i.e. foreign certificate as equivalent to a certificate of education issued in the Czech Republic);
- motivation letter;
- profile essay;
- CV;
- certificate of language competence

to the address dagmar.zdrahalova@upol.cz **by 31 May 2018**.

Admission exams
- Test of core disciplines in the extent of Bachelor's degree in Basics of technical sciences and information technology for education or Information

education with a focus on education, or admission proceedings based on the results of the previous Bachelor's or Master's degree.
- In case the number of applicants does not significantly exceed the capacity of the course, the Dean of the Faculty might decide to waive the admission exam.