



Palacký University  
Olomouc

## Faculty of Science

### Science and research


The Faculty of Science is a research-oriented faculty with strong scientific records in research fields such as nanomaterials, computational chemistry, investigation of wheat genome and plant hormones (cytokinins), development of new anti-tumour drug compounds based on platinum complexes, or optical science and quantum information processing. Research is carried out at all research-oriented departments, and at two large institutes focused on bio- and material-research, namely Centre for the Region Haná for Biotechnological and Agricultural Research (CRH) and Regional Centre of Advanced Technologies and Materials (RCPTM). Their new research facilities with state-of the art laboratories and fruitful international collaboration provide excellent environment for starting a research career.



For more information please contact:

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Faculty of Science | Palacký University Olomouc is a research-oriented faculty. It offers Bachelor, Follow-up Master, and Doctoral study programmes in various fields of Mathematics and Computer Science, Physics, Chemistry, Biology and Ecology, and Earth Sciences. Currently there are approximately 3,600 students and 950 employees at the Faculty.

Palacký University with 440 years of tradition is an inalienable part of Olomouc, which has been listed as one of Europe's hidden treasure by the Lonely Planet guide. Olomouc with approximately 100,000 inhabitants deserves the label "university city", since during the academic year there are more than 24,000 students living here. The tradition of the second oldest University in the Czech Republic dates back to 1573. Nowadays it represents a modern educational and research institution offering a wide range of study fields at 8 faculties.

## Scholarships available

### J. L. Fischer scholarships for foreign Ph.D. students

Faculty of Science awards up to 10 students in Ph.D. study programmes by scholarships of 300 thousand CZK per year (approximately 11,000 Euro). This amount fairly covers the tuition fee and living expenses in Olomouc, Czech Republic. Fields of study currently supported by this scholarship are Mathematical Analysis, Algebra and Geometry, Applied Mathematics, Computer Science, Geological Science, Geoinformatics and Cartography, International Development Studies, Biochemistry, Analytical Chemistry, Physical Chemistry, Organic Chemistry, Molecular and Cell Biology, Experimental Biology, Zoology, Applied Physics, Biophysics, Optics and Optoelectronics.

Find more information at: [www.prf.upol.cz/en/menu/study-in-english](http://www.prf.upol.cz/en/menu/study-in-english)

### Scholarships offered by the Ministry of Education

The Ministry of Education, Youth and Sport of the Czech Republic annually offers scholarships to foreign nationals, pursuant to bilateral intergovernmental or departmental agreements concluded with a number of countries. Scholarships are awarded to applicants nominated by the competent authorities of eligible countries.

Find more information at: [www.msmt.cz/eu-and-international-affairs](http://www.msmt.cz/eu-and-international-affairs)

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## Master Degree Curricula

- Applied Mathematics
- International Development Studies
- Biochemistry, Biotechnology and Genetic Engineering
- Material Chemistry
- Nanotechnology
- Plant Biology
- Ecology
- Foresight for Environment and Development

For more information and verification, if the study field will be opened in the following academic year, look up [www.prf.upol.cz/en/study/#c8281](http://www.prf.upol.cz/en/study/#c8281)

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## Ph.D. study programmes

All Ph.D. programmes are open for English-speaking students. The Faculty is particularly strong in the following areas:

- Mathematical Analysis, Algebra and Geometry
- Applied Mathematics
- Computer Science
- Geological Sciences
- Geoinformatics and Cartography, International Development Studies
- Biochemistry
- Inorganic Chemistry, Analytical Chemistry, Organic Chemistry, Physical Chemistry
- Botany, Zoology, Molecular and Cell Biology, Experimental Biology
- Ecology
- Optics and Optoelectronics, Biophysics, Applied Physics, General Physics and Mathematical Physics

For more information and verification, if the study field will be opened in the following academic year, look up [www.prf.upol.cz/en/study/#c20068](http://www.prf.upol.cz/en/study/#c20068)