



# FIRST CONTACT KIT

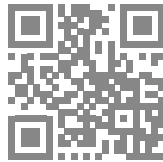
Study at the University of Pardubice

Discover your identity



# UNIVERSITY OF PARDUBICE

Founded in rich scientific tradition, the University trains future economists, engineers, scientists, philosophers, public administrators, health practitioners, and art specialists. Our compact, modern, and well-equipped campus provides the ideal environment to prepare you for making your mark in future.



## DID YOU KNOW/OPPORTUNITIES

### INTERNATIONAL EXCHANGE

There are various formats of international exchange to choose from: one-week programmes in language and culture, up to two semesters on Erasmus exchange, and international internships are available.

### ACCOMMODATION

A variety of accommodation types are available on campus: single-room with kitchen and bathroom or shared rooms and facilities.

### CATERING

Choose between the university dining hall and several restaurants/bistros on campus. Vegetarian meals are available.

### SCHOLARSHIPS

Various scholarships are available for outstanding results, accommodation allowance, and for supporting international studies.

### LEARNING CZECH

The University Language Centre offers Czech courses on various levels to students.

### STUDENT SERVICES

The University provides a range of services from academic support and career services to counselling. The University also offers IT, printing and research facilities.

### SPORTS AND EXERCISE

The department of sports and physical education offers extensive sports opportunities in modern facilities. Further opportunities are available off-campus and in the city.

### TRANSPORT TO AND AROUND THE CITY

Pardubice is easily accessible by plane, train, bus, and car [50°02'50.5"N 15°46'09.8"E]. The city has an extensive and cheap public transport network and is bike friendly.

FACULTY OF CHEMICAL TECHNOLOGY

FACULTY OF ARTS AND PHILOSOPHY

FACULTY OF ECONOMICS AND ADMINISTRATION

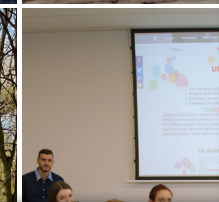
FACULTY OF ELECTRICAL ENGINEERING AND INFORMATICS

FACULTY OF TRANSPORT ENGINEERING

THIS IS US – UNIVERSITY OF PARDUBICE



### Campus





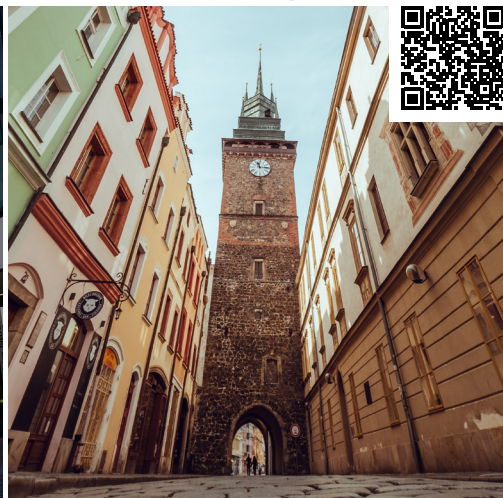


## Campus



## Accommodation

## City of Pardubice



## Lectures

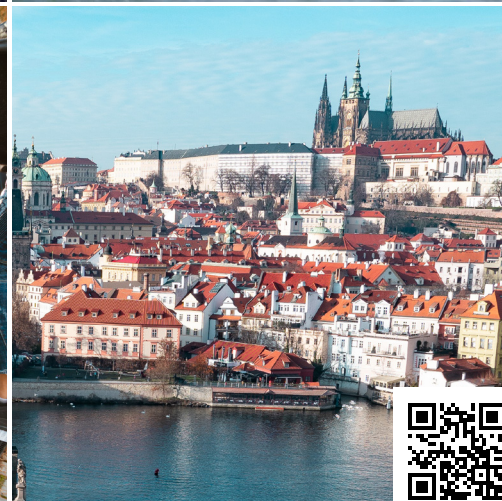


## Pardubice surroundings



## Culture and Entertainment

## Sports



## One hour from Prague



The Faculty of Chemical Technology is the oldest faculty at the University of Pardubice; it has an almost seventy-year long tradition of excellence. The Faculty is held in high esteem in both the Czech Republic and abroad. It has become an important centre of research and education in the fields of chemistry and technical chemistry, materials science, chemical technologies, nanotechnology, both biological and biochemical sciences, and managerial and controlling processes. Postgraduate students participate in various research projects and gain professional experience at other universities and conferences both nationwide and internationally.

The scientific activities of the Faculty aim at both fundamental and applied research. Numerous successful technical projects were completed in cooperation with the industrial sector and a wide range of scientific papers were published and met with acclaim from the scientific community. The different scientific schools, international projects, prominent faculty members, and international conferences and congresses held on our campus promote the strong reputation of the Faculty. The Faculty and its research activities contribute to its excellent national and international reputation amongst academic and scientific communities.

Its graduates are welcomed as highly qualified specialists in chemical, food-processing, textile, graphic arts, pulp and paper, wood processing, and other industrial and trade branches in the Czech Republic and abroad, as well as in numerous research and educational institutions.

## STUDY PROGRAMMES AT THE FACULTY OF CHEMICAL TECHNOLOGY

Study Programme	Degree	Tuition fee per year in €	Years of study	Application period
Materials Chemistry	Master	4 900	2	Jan–Jul
Engineering of Energetic Materials	Master	4 900	2	Jan–Jul
Organic Technology	Doctoral	4 900	4	Jan–Apr
Analytical Chemistry	Doctoral	4 900	4	Jan–Apr
Inorganic Technology	Doctoral	4 900	4	Jan–Apr
Chemical Engineering	Doctoral	4 900	4	Jan–Apr
Environmental Chemistry	Doctoral	4 900	4	Jan–Apr
Chemistry and Technology of Inorganic Materials	Doctoral	4 900	4	Jan–Apr
Engineering of Energetic Materials	Doctoral	4 900	4	Jan–Apr
Inorganic Chemistry	Doctoral	4 900	4	Jan–Apr
Organic Chemistry	Doctoral	4 900	4	Jan–Apr
Physical Chemistry	Doctoral	4 900	4	Jan–Apr
Biochemistry	Doctoral	4 900	4	Jan–Apr
Surface Engineering	Doctoral	4 900	4	Jan–Apr



**MATERIALS CHEMISTRY**

Students will gain comprehensive theoretical background as well as technological knowledge and practical laboratory experience. The theoretical background related to materials research is based on physical chemistry, inorganic chemistry, solid state physics and solid-state chemistry. The study includes a broad range of characterisation methods related to materials production, research and development, both theoretically and practically. Students will become familiar with inorganic as well as organic materials and technology, including the manufacturing and processing of different types of modern materials, their applications, analysis, testing, characterisation and use. Students will have access to state-of-the-art equipment in modern laboratories and facilities within the Centre of Materials and Nanotechnologies that is a true open-access infrastructure, listed on the Roadmap of Large Research Infrastructures for the years 2016-2022, as well as to other parts of the Faculty of Chemical Technology. Such infrastructure guarantees an exceptional environment for development of experimental and characterisation skills. This program prepares graduates for career in materials-oriented industries as well as materials research and development. The Faculty of Chemical Technology has a proud 70-year history in the field of chemistry. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe.

**MATERIALS CHEMISTRY**

Form of study:	Full-time
Standard duration:	2 years
Annual tuition fee per year:	EUR 4,900
Financial support for students:	Three groups of scholarship (approx. EUR 160/80/40) based on various factors, including study results and publication records
State master exam:	Exam consists of three subjects – specialised courses
Defence:	Defence of a thesis work
Entrance examination:	Personal interview or online Skype interview
Admission:	Resolution on admission will be issued within 4 working days after the examination
Assistance:	Support provided by the International Office of the University of Pardubice
Accommodation:	It is provided on the University campus. The monthly prices range from EUR 120 to EUR 200
Total cost of living per month:	EUR 600

**ENGINEERING OF ENERGETIC MATERIALS**

This course prepares students to work in various areas related to energetic materials. Students will gain comprehensive knowledge of and practical experience in the pyrotechnics industry (energetic materials chemistry, explosives technology, explosion theory, safety engineering), and deal in depth with conventional explosives and other energetic materials. They will become familiar with the technology behind the manufacture and processing of these materials, their civil and military application, analysis, testing and characterisation, risk assessment, and the safety of production, processing and use. Students will do practical work with state-of-the-art equipment in modern laboratories and facilities. Graduates will be able to work in specialist positions in blasting operations, military and related technologies, the police, state administration, and EU and NATO bodies. The Faculty of Chemical Technology has a proud 70-year history in the field of chemistry, and boasts state-of-the-art equipment in modern laboratories and facilities. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe.

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**ORGANIC TECHNOLOGY**

This programme will allow students to become highly qualified experts who are capable of developing new products and launching their production in chemical-technology practice. In addition to learning the theory, students will also acquiring practical laboratory experience. Graduates will be able to find job opportunities in leading positions in research institutes, chemical enterprises, and relevant public administration departments. The Faculty of Chemical Technology has a proud 70-year history in the field of chemistry, and boasts state-of-the-art equipment in modern laboratories and facilities. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students will have the opportunity to work with international experts, complete an internship of at least one month abroad, and will gain experience in writing and publishing articles and presenting papers. Students can apply for a scholarship to fund their studies, and can gain additional income by working on projects if and where available.

**ORGANIC TECHNOLOGY**

Form of study:	Full-time
Standard duration:	4 years
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Defence:	Defence of a dissertation work; student is eligible for the defence if he/she published 2 journal papers: at least one paper must be published in journal with impact factor, the second paper can be published in a reviewed journal without impact factor
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## STUDY PROGRAMME

Degree obtained  
**Doctoral (PhD.)**

### ANALYTICAL CHEMISTRY

The doctoral degree programme of Analytical Chemistry is a follow-up degree in analytical and bioanalytical chemistry. Students will become highly qualified experts who are able to work in development and scientific research jobs in the field of analytical chemistry. The programme will deepen students' theoretical knowledge of the field while giving the opportunity for experimental work. The Faculty of Chemical Technology has a proud 70-year history in the field of chemistry, and boasts state-of-the-art equipment in modern laboratories and facilities. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students must complete an internship of at least one month abroad, and will gain experience in writing and publishing articles and presenting papers. Students can apply for a scholarship to fund their studies, and can gain additional income by working on projects if and where available.

#### Coordinator - for further details, contact:

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☎ +420 466 037 072

## STUDY PROGRAMME

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### ANALYTICAL CHEMISTRY

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### INORGANIC CHEMISTRY

This programme focuses on the interface between inorganic, organic, physical and analytical chemistry and the chemistry of materials, polymers and biochemistry. In addition to deepening their theoretical knowledge, students will have the opportunity for practical application of the theory using modern instruments and techniques such as NMR spectroscopy and crystallography techniques, EPR, IQ, Raman's and UV-Vis spectroscopy, microscopic and thermal analysis techniques. The Faculty of Chemical Technology has a proud 70-year history in the field of chemistry, and boasts state-of-the-art equipment in modern laboratories and facilities. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students will have the opportunity to work with international experts, complete an internship of at least one month abroad, and will gain experience in writing and publishing articles and presenting papers. Students can apply for a scholarship to fund their studies, and can gain additional income by working on projects if and where available.

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## STUDY PROGRAMME

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### CHEMICAL AND PROCESS ENGINEERING

#### SPECIALISATION: CHEMICAL ENGINEERING

This programme provides graduates with the theoretical foundations of chemical and process engineering, bioengineering and material engineering, and the experimental and practical aspects using modern computing systems and modern professional chemical-engineering programmes to simulate large and complex production lines. Graduates will be qualified to work in basic or applied research focused on chemical and process engineering in development laboratories, design offices and manufacturing businesses, the chemical, food and pharmaceutical industry and fields such as environmental protection, material engineering, bioengineering, and ecotoxicology. The Faculty of Chemical Technology has a proud 70-year history in the field of chemistry, and boasts state-of-the-art equipment in modern laboratories and facilities. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students will have the opportunity to work with international experts, complete an internship of at least one month abroad, and will gain experience in writing and publishing articles and presenting papers. Students can apply for a scholarship to fund their studies, and can gain additional income by working on projects if and where available.

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**CHEMICAL AND PROCESS ENGINEERING****SPECIALISATION: ENVIRONMENTAL ENGINEERING**

This programme provides graduates with the theoretical foundations of chemical and process engineering, bioengineering and material engineering, and the experimental and practical aspects using modern computing systems and modern professional chemical-engineering programmes to simulate large and complex production lines. Based on their knowledge, graduates will be able to process and address complex environmental engineering tasks in a creative way, and address scientific issues in the chemical, chemical-technological and food-biochemical fields. The Faculty of Chemical Technology has a proud 70-year history in the field of chemistry, and boasts state-of-the-art equipment in modern laboratories and facilities. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students will have the opportunity to work with international experts, complete an internship of at least one month abroad, and will gain experience in writing and publishing articles and presenting papers. Students can apply for a scholarship to fund their studies, and can gain additional income by working on projects if and where available.

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**CHEMISTRY AND TECHNOLOGY OF INORGANIC MATERIALS**

Graduates are able to evaluate and discuss current information from various sources using critical thinking, are able to share information with other members of the worldwide professional community, develop new inorganic materials, and introduce new materials in industrial production. They can find positions in research laboratories focused on materials chemistry, in both theoretical and applied research areas, or they can work as experts in scientific teams in industrial development centres or in relevant state administration departments. The Faculty of Chemical Technology has a proud 70-year history in the field of chemistry, and boasts state-of-the-art equipment in modern laboratories and facilities. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students will have the opportunity to work with international experts, complete an internship of at least one month abroad, and will gain experience in writing and publishing articles and presenting papers. Students can apply for a scholarship to fund their studies, and can gain additional income by working on projects if and where available.

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## ENGINEERING OF ENERGETIC MATERIALS

This programme aims to improve students' competence regarding different types of energetic materials, explosion theory and safety in the chemical industry, and relevant experimental and practical aspects. Graduates will be able to work in the preparation, technological production, and processing of energetic materials, giving descriptions of sensitive and explosive parameters of these materials, and descriptions of explosive events and their effect on the environment. Some of the potential job opportunities are in chemical and explosive research institutes, businesses focusing on explosives, chemicals and defence, the Czech armed forces, police, government (such as mining authorities), special services of the Czech Republic and NATO authorities. The Faculty of Chemical Technology has a proud 70-year history in the field of chemistry, and boasts state-of-the-art equipment in modern laboratories and facilities. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students will have the opportunity to work with international experts, complete an internship of at least one month abroad, and will gain experience in writing and publishing articles and presenting papers. Students can apply for a scholarship to fund their studies, and can gain additional income by working on projects if and where available.

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**Doctoral (PhD.)**

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## ORGANIC CHEMISTRY

This programme develops students' deep theoretical knowledge in organic chemistry and in related fields, and makes them competent in experimenting. Students will become adept at controlling contemporary synthetic and separation procedures and be capable of using analytical methods in a chemical laboratory. Graduates can work in companies that focus on the development and production of organic compounds, such as natural substances, pharmaceuticals, dyes, and compounds for optoelectronics. They will have the knowledge necessary to process and creatively address issues in the chemistry of organic compounds and related disciplines, in terms of chemical research and chemical production, but also in terms of application, use and potential impacts of chemicals in all areas of human activity. The Faculty of Chemical Technology has a proud 70-year history in the field of chemistry, and boasts state-of-the-art equipment in modern laboratories and facilities. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students will have the opportunity to work with international experts, complete an internship of at least one month abroad, and will gain experience in writing and publishing articles and presenting papers. Students can apply for a scholarship to fund their studies, and can gain additional income by working on projects if and where available.

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**PHYSICAL CHEMISTRY**

This programme develops students' competence in physical chemistry, mainly in solid surface chemistry, adsorption and catalysis, material research, and chemical kinetics. Given that physical chemistry forms the theoretical basis of all chemical science disciplines, students will be able to solve problems relating to other fields or interdisciplinary issues. Graduates will be able to perform basic and applied research at universities, in public and private scientific institutes, the chemical, pharmaceutical and food industry, development and commercial laboratories, and environmental protection agencies. The Faculty of Chemical Technology has a proud 70-year history in the field of chemistry, and boasts state-of-the-art equipment in modern laboratories and facilities. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students will have the opportunity to work with international experts, complete an internship of at least one month abroad, and will gain experience in writing and publishing articles and presenting papers. Students can apply for a scholarship to fund their studies, and can gain additional income by working on projects if and where available.

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**BIOCHEMISTRY**

This programme allows students to become highly qualified experts who have advanced theoretical and practical experience in biochemical analysis, biological material processing, and methods of validation and accreditation of biochemical laboratories. Students will develop and manage a research project, present the results of scientific work in the form of posters and oral communication at national and international conferences, and publish original scientific work in impacted journals. The Faculty of Chemical Technology has a proud 70-year history in the field of chemistry, and boasts state-of-the-art equipment in modern laboratories and facilities. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students will have the opportunity to work with international experts, complete an internship of at least one month abroad, and will gain experience in writing and publishing articles and presenting papers. Students can apply for a scholarship to fund their studies, and can gain additional income by working on projects if and where available.

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Total cost of living per month:	EUR 600

## SURFACE ENGINEERING

This interdisciplinary programme covers the chemistry and technology of materials and surfaces, together with applied coatings and layers. Students will become skilled in the surface treatment of various materials, coatings and thin films based on macromolecular, organic, inorganic substances and composites. They will be able to conduct research on and find practical application in technical practice for the development of polymer and composite materials, advanced inorganic and organic compounds for organic coatings, polymers and thin films. Graduates will be able to work with rapidly developing applications and the introduction of these new materials into production technologies. The Faculty of Chemical Technology has a proud 70-year history in the field of chemistry, and boasts state-of-the-art equipment in modern laboratories and facilities. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students will have the opportunity to work with international experts, complete an internship of at least one month abroad, and will gain experience in writing and publishing articles and presenting papers. Students can apply for a scholarship to fund their studies, and can gain additional income by working on projects if and where available.

## SURFACE ENGINEERING

Form of study:	Full-time
Standard duration:	4 years
Annual tuition fee per year:	EUR 4,900 per academic year
Financial support for students:	Three groups of scholarship (approx. EUR 880/765/645 per month) based on various factors, including study results and publication records
State doctoral exam:	Exam consists of three subjects – specialised courses
Defence:	Defence of a dissertation work; student is eligible for the defence if he/she published 2 journal papers: at least one paper must be published in journal with impact factor, the second paper can be published in a reviewed journal without impact factor
Entrance examination:	Personal interview or online Skype interview
Admission:	Resolution on admission will be issued within 4 working days after the examination
Assistance:	Support provided by the International Office of the University of Pardubice
Accommodation:	Provided on the University campus. The monthly prices range from EUR 120 to EUR 200
Total cost of living per month:	EUR 600





The Faculty of Arts and Philosophy completes the mosaic of the scientific fields at the University of Pardubice, and reflects European academic traditions. The Institute of Foreign Languages came into existence in 1992 in order to provide a sufficient number of qualified language teachers for elementary schools. The range of study programmes on offer has gradually expanded thanks to new interdisciplinary and arts programmes in the field of philology, history, philosophy, and sociology. In 2001, the Institute was transformed to create a separate Faculty of Humanities which then became the Faculty of Arts and Philosophy in 2005.

The Faculty now educates fully qualified professionals, who reflect cultural, social, and economic changes in society and anticipate different social needs in a wide range of professions within the framework of multi-cultural and multi-religious dialogues. Its graduates are able to function in the spheres of individual teaching and lecturing, consulting and advisory services, educational institutions, and civil associations. Graduates are prepared to work in specialized departments of regional and state administration, in NGOs and foundations, within tourism departments, and in public relations. Apart from the accredited fields of study mentioned and related research, the Faculty also offers lifelong educational opportunities in the social sciences.

The Faculty cooperates with domestic and foreign institutions in solving major scientific projects contributing to the development of culture and education.

## STUDY PROGRAMMES AT THE FACULTY OF FACULTY OF ARTS AND PHILOSOPHY

Study Programme	Degree	Tuition fee per year in €	Years of study	Application period
History	Doctoral	3 600	4	Jan–Jun
Philosophy	Doctoral	3 600	4	Jan–Jun

## STUDY PROGRAMME

Degree obtained  
**Doctoral (PhD.)**

### HISTORY

The doctoral study programme in history at the University of Pardubice focuses mainly on the research of Central European cultural history from the end of the Middle Ages to modern times (15th to 20th centuries). Students will benefit from a large and knowledgeable department, and work under the guidance of well-known Czech historians specialising in late medieval, early modern and modern history. They will learn to independently identify and critically interpret key historical phenomena and reflect on their mutual connections, and will understand historical facts, phenomena and processes in the context of other disciplines. In addition, students will have the opportunity to study source materials and professional literature in the original versions. All PhD students are expected to spend at least three months studying abroad. This will expose them to a dynamic international student community, both in the department and abroad, and they will be able to communicate actively in two world languages. They will be formulate their own original science and research projects, present the results of their research at home and abroad, and publish in domestic and foreign publications. Graduates can find employment in academia and other institutions dealing with science, research, development and innovation, in the field of monument care, archiving and in museums.

## STUDY PROGRAMME

Degree obtained  
**Doctoral (PhD.)**

### HISTORY

Form of study:	Full-time
Standard duration:	4 years
Annual tuition fee per year:	CZK 90,000 (equivalent to EUR 3,600), which can be waived under specific conditions
Financial support for students:	Doctoral scholarship (500 EUR per month) only for full-time students
Additional financial support for students:	Scholarship for project activities, quality publication results, travelling allowance (not mandatory)
State exam:	Defence of a dissertation thesis proposal and passing of all prescribed exams
Entrance examination:	Personal interview or online Skype interview
Admission:	Resolution on admission will be issued within 10 working days after the examination
Assistance:	Support provided by the International Office of the University of Pardubice
Accommodation:	It is provided on the University campus. The monthly prices range from EUR 120 to EUR 200
Cost of living:	EUR 600



UNIVERSITY  
OF PARDUBICE  
FACULTY  
OF ARTS  
AND PHILOSOPHY

ACADEMIC YEAR  
**2021/2022**

**Coordinator - for further details, contact:**

**Ing. Iveta Němcová**

iveta.nemcova@upce.cz

+420 466 036 134

## STUDY PROGRAMME

Degree obtained  
**Doctoral (PhD.)**


### PHILOSOPHY

Doctoral study in Philosophy allows students to pursue independent work and original research in Philosophy. In addition to focusing on general ethical and political problems, students are also encouraged to study current and relevant topics, such as attitudes towards marginalised groups and topics including populism, nationalism, religious conflict, and climate change. Students will formulate their own research projects, present the results of their research at home and abroad – with ample funding opportunities for travel – and publish in domestic and foreign publications. Within the Department of Philosophy and Religious Studies, the Centre for Ethics as Study in Human Value, which is supported by a major multi-year EU-funded grant, brings together a group of international researchers in ethics and political philosophy to work on issues surrounding the distinctive value of human life. The Centre also boasts a specialised dedicated library with more than 6000 books. All PhD students are expected to spend at least three months studying abroad. This will expose them to a dynamic international student community, both in the department and abroad. The department and Centre have working links with partner institutions including King's College London, the University of Melbourne, the University of Uppsala, Åbo Akademi, and the University of Genoa. The working language of the PhD programme and of the Centre is English and applicants should have a good grasp of academic English. No knowledge of Czech is required.

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 +420 466 036 634

## STUDY PROGRAMME

Degree obtained  
**Doctoral (PhD.)**

### PHILOSOPHY

Form of study:	Full-time
Standard duration:	4 years
Annual tuition fee per year:	CZK 90,000 (equivalent to EUR 3,600), which can be waived under specific conditions
Financial support for students:	Doctoral scholarship (500 EUR per month) only for full-time students
Additional financial support for students:	Scholarship for project activities, quality publication results, travelling allowance (not mandatory)
State exam:	Defence of a dissertation thesis proposal and passing of all prescribed exams
Entrance examination:	Personal interview or online Skype interview
Admission:	Resolution on admission will be issued within 10 working days after the examination
Assistance:	Support provided by the International Office of the University of Pardubice
Accommodation:	It is provided on the University campus. The monthly prices range from EUR 120 to EUR 200
Cost of living:	EUR 600



The Faculty facilitates a first-rate education in economics. Students can enrol into undergraduate, postgraduate, and doctoral full-time or part-time study programmes.

Along with its dedication to scientific and research activities, the Faculty's primary mission is to produce experts in economic disciplines, focusing on public administration, regional development and public sector economics, business economics, and the management of non-financial and financial entities. Where information science is concerned, we produce experts in the fields of public administration, regional development, business economics, and the insurance industry. Students are also given the opportunity to take comprehensive undergraduate, postgraduate, and doctoral degree courses in English. The Faculty is the University's first faculty to actually engage in a joint degree programme with an international university.

Graduates are employed in both the administration sector and in the private business sector. Apart from that, they also work in non-profit organizations and operate as independent experts in economic process related matters concerning the development and operation of information technologies.

Graduates also have career options in the insurance industry.

The Faculty participates in various fundamental and applied research projects. The Faculty has a varied thematic focus of projects on funding from national and international granting research agencies, concentrating on issues concerning public administration, information science, regional development, economic growth, and environmental and safety aspects.

Students and experts work together in various ways throughout the course of study. Experts regularly visit to lecture, we put on special workshops, students visit other participating institutions, acquire professional experience, and create final papers with and for partner organizations.

STUDY PROGRAMMES AT THE FACULTY OF ECONOMICS AND ADMINISTRATION

Study Programme	Degree	Tuition fee per year in €	Years of study	Application period
Informatics in Public Administration (S)	Bachelor	3 500	3	Jan–May
Regional Development and Governance	Master	3 500	2	Jan–Jun
Informatics in Public Administration (S)	Master	3 500	2	Jan–Jun
Informatics in Public Administration (S)	Doctoral	3 500	4	Jan–May
Applied Informatics	Doctoral	3 500	4	Jan–May
Regional and Public Economics (F)	Doctoral	3 500	3	Jan–May

## STUDY PROGRAMME

Degree obtained  
**Bachelor's (Bc.)**

### INFORMATICS AND SYSTEM ENGINEERING

#### SPECIALISATION: INFORMATICS IN PUBLIC ADMINISTRATION

This programme provides a solid basis for studies in the field of system engineering and informatics with subjects such as Managerial Informatics, Internet Technologies, Introduction to Information Systems, Decision Making Processes and Project Management. In addition, students deepen their knowledge in management, regional sciences, and economic theories. Graduates of the Faculty of Economics and Administration have a firm grasp of modern technologies and have the opportunity to cooperate with corporate partners in the industry, and students will complete a supervised professional internship. Their skills and experience will make them sought-after in the labour market, with many career options in state administration, self-governing bodies, and specific regional organisations at a lower management level. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe.



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FACULTY  
OF ECONOMICS  
AND ADMINISTRATION

ACADEMIC YEAR  
**2021/2022**

**Coordinator - for further details, contact:**

**Ms. Jana Pekařová**

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## STUDY PROGRAMME

Degree obtained  
**Bachelor's (Bc.)**

### INFORMATICS AND SYSTEM ENGINEERING

#### SPECIALISATION: INFORMATICS IN PUBLIC ADMINISTRATION

Form of study:	Full-time
Standard duration:	3 years
Annual tuition fee per year:	CZK 10,000 / 90,000 per academic year
Financial support for students:	Contact the faculty for further information
Additional financial support for students:	Accommodation scholarship
State exam:	Microeconomics, Informatics and System Engineering, Informatics in Public Administration
Defence:	Defence of a Bachelor's thesis
Entrance examination:	English and Mathematics: written online tests
Admission:	Resolution on admission will be issued within 30 working days after the examination
Assistance:	Support provided by the International Office of the University of Pardubice
Accommodation:	It is provided on the University campus. The monthly prices range from EUR 120 to EUR 200
Total cost of living per month:	EUR 600



## STUDY PROGRAMME

Degree obtained  
**Master's (Ing.)**

### INFORMATICS AND SYSTEM ENGINEERING

#### SPECIALISATION: INFORMATICS IN PUBLIC ADMINISTRATION

This programme prepares students with skills needed to address the challenges in informatics in the 21st century. Students will build on a theoretical foundation in Mathematics and become skilled in aspects of data analysis such as data processing, design solutions and the analysis of results. Their knowledge and experience will equip them to solve complex challenges relating to data mining, business intelligence and soft computing. This will allow them to specialise in issues of regional management at middle and higher levels in, among others, smaller and larger enterprises and public administration. Graduates of the Faculty of Economics and Administration have a firm grasp of modern technologies and will have the chance to work with advanced software and programmes like IBM SPSS Modeler, IBM SPSS Statistics, ArcGIS, MATLAB and Simulink. In addition, there is close cooperation with various Czech and international companies such as Foxconn, Panasonic, Exxon Mobil and Philip Morris, which ensures that all work is relevant and applicable to solve real-world problems. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe.



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ACADEMIC YEAR  
**2021/2022**

**Coordinator - for further details, contact:**

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## STUDY PROGRAMME

Degree obtained  
**Master's (Ing.)**

### INFORMATICS AND SYSTEM ENGINEERING

#### SPECIALISATION: INFORMATICS IN PUBLIC ADMINISTRATION

Form of study:	Full-time
Standard duration:	2 years
Annual tuition fee per year:	CZK 90,000 per academic year
Financial support for students:	Contact the faculty for further information
Additional financial support for students:	Accommodation scholarship
State exam:	Microeconomics, Informatics and System Engineering, Informatics in Public Administration
Defence:	Defence of a Master's thesis
Entrance examination:	English, Mathematical Methods, Informatics: written online tests
Admission:	Resolution on admission will be issued within 30 working days after the examination.
Assistance:	Support provided by the International Office of the University of Pardubice
Accommodation:	It is provided on the University campus. The monthly prices range from EUR 120 to EUR 200
Total cost of living per month:	EUR 600

## STUDY PROGRAMME

Degree obtained  
**Master's (Ing.)**

### REGIONAL DEVELOPMENT AND GOVERNANCE

#### SPECIALISATION: REGIONAL DEVELOPMENT AND GOVERNANCE

This joint programme aims to deliver highly qualified experts, researchers and analysts in public administration. Students will gain fundamental knowledge on public governance and regional development, and learn about planning, preparing, implementing and assessing regional development processes. They will develop the skill of integrating knowledge with principles of ethics, public interest, and democratic values in order to provide innovative solutions to the complex challenges facing the EU and its member states' regional development and governance. Graduates of the Faculty of Economics and Administration have a firm grasp of modern technologies and have the opportunity to cooperate with corporate partners in the industry, giving them practical experience. Students also benefit from small classes and individual teaching, as well as education by means of modern technology, including lessons via Skype. As this is a joint programme between the University of Pardubice and Šiauliai University in Lithuania, students will complete an obligatory study stay in Lithuania for one semester. Their skills and experience will make them sought-after in the labour market, with many career options in public administration. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe.



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## STUDY PROGRAMME

Degree obtained  
**Master's (Ing.)**

### REGIONAL DEVELOPMENT AND GOVERNANCE

#### SPECIALISATION: REGIONAL DEVELOPMENT AND GOVERNANCE

Form of study:	Full-time
Standard duration:	2 years
Annual tuition fee per year:	CZK 90,000 per academic year
Financial support for students:	Contact the faculty for further information
Additional financial support for students:	Accommodation scholarship
State exam:	Regional Economics and Policy, Public Policy and Governance
Defence:	Defence of a Master's thesis
Entrance examination:	English written online test. Abstract of Bachelor's work or essay: 8-10 pages
Admission:	Resolution on admission will be issued within 30 working days after the examination
Assistance:	Support provided by the International Office of the University of Pardubice
Accommodation:	It is provided on the University campus. The monthly prices range from EUR 120 to EUR 200
Total cost of living per month:	EUR 600

## STUDY PROGRAMME

Degree obtained  
**Doctoral (PhD.)**

### APPLIED INFORMATICS

This programme allows students to master the scientific methods of research and information systems development so that they can apply informatics to real world problems. Students will become skilled in the use of advanced information technology for data collection, transmission, storage and the processing of information and knowledge. They will then become familiar with computer applications in various information domains and be able to design, implement, evaluate and maintain systems. As this is a rapidly developing field, students will be prepared for newly emerging professions. Graduates of the Faculty of Economics and Administration have a firm grasp of modern information technologies and have the opportunity to cooperate with corporate partners in the industry, giving them practical experience. Their skills and experience will make them sought-after in the labour market, with many career options in – for example – public administration. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students can also collaborate with international partners in the form of research, publications or visits. PhD students are expected to complete an international internship of at least one month.



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ACADEMIC YEAR  
**2021/2022**

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☎ +420 466 036 013

## STUDY PROGRAMME

Degree obtained  
**Doctoral (PhD.)**

### APPLIED INFORMATICS

Form of study:	Full-time and Part-time
Standard duration:	4 years
Annual tuition fee per year:	CZK 90,000 (equivalent to EUR 3,600) for full-time and part-time study per academic year
Financial support for students:	Doctoral scholarship (EUR 500 per month) only for full-time students. No scholarship is provided for part-time students
Additional financial support for students:	Scholarship for quality publication results (journal papers or conference papers) indexed in the database Web of Science or Scopus (the amounts range between EUR 150 and EUR 1,200 per semester)
State exam:	Defence of a dissertation thesis and obtaining 180 ECTS based on completion of courses
Defence:	Defence of a dissertation (100-120 pages) and 2 journal papers cited in the Scopus database (or Web of Science) and obtaining 240 ECTS in total (including extra credits related to publications)
Entrance examination:	An essay (15 pages) on the dissertation topic and an entrance interview (including an online Skype meeting), which is held in June or September
Admission:	Resolution on admission will be issued within 5 working days after the examination
Assistance:	Support provided by the International Office of the University of Pardubice
Accommodation:	It is provided on the University campus. The monthly prices range from EUR 120 to EUR 200

## REGIONAL AND PUBLIC ECONOMICS

This programme is grounded in the disciplines of Regional Economics and Public Economics. It will allow students to grasp the issues relating to identification of regions' needs, financial aspects within the region, the economic efficiency of public entities, and the efficiency of regions. Students will be exposed to aspects related to levels of subnational and central government, and will understand the role of regional institutions involved in regional development. They will also learn about the dynamic development of information and communication technologies applied in regional development management. Their skills and experience will make them sought-after in the labour market, with many career options in public administration: positions at state or regional institutions, in ministries, regional authorities, regional development agencies, EU institutions or universities. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students can also collaborate with international partners in the form of research, publications or visits. PhD students are expected to complete an international internship of at least one month.



## REGIONAL AND PUBLIC ECONOMICS

Form of study:	Full-time and Part-time
Standard duration:	4 years
Annual tuition fee per year:	CZK 90,000 (equivalent to EUR 3,600) for full-time and part-time study per academic year
Financial support for students:	Doctoral scholarship (EUR 500 per month) only for full-time students. No scholarship is provided for part-time students
Additional financial support for students:	Scholarship for quality publication results (journal papers or conference papers) indexed in the database Web of Science or Scopus (the amounts range between EUR 150 and EUR 1,200 per semester)
State exam:	Defence of a dissertation thesis and obtaining 180 ECTS based on completion of courses
Defence:	Defence of a dissertation (100-120 pages) and 2 journal papers cited in the Scopus database (or Web of Science) and obtaining 240 ECTS in total (including extra credits related to publications)
Entrance examination:	An essay (15 pages) on the dissertation topic and an entrance interview (including an online Skype meeting), which is held in June or September
Admission:	Resolution on admission will be issued within 5 working days after the examination
Assistance:	Support provided by the International Office of the University of Pardubice
Accommodation:	It is provided on the University campus. The monthly prices range from EUR 120 to EUR 200

## STUDY PROGRAMME

Degree obtained  
**Doctoral (PhD.)**

### SYSTEMS ENGINEERING AND INFORMATICS

#### SPECIALISATION: INFORMATICS IN PUBLIC ADMINISTRATION

This study programme has a strong interdisciplinary focus and considers with role of informatics and economics in Information and Knowledge Management. Students will integrate various aspects of information systems, such as data management and security, intelligent systems and artificial intelligence with aspects of public economics and administration. They will gain a deeper understanding of the ever-changing context, needs and development of the knowledge economy.

The course comprises educational activities organised by three institutions: The Faculty of Economics and Administration of the University of Pardubice, the Faculty of Economics of the Technical University of Liberec, and the Faculty of Management and Information Technology of the University of Hradec Králové. Graduates of the Faculty of Economics and Administration have a firm grasp of modern technologies and have the opportunity to cooperate with corporate partners in the industry, giving them practical experience. Their skills and experience will make them sought-after in the labour market, with many career options in public administration. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students can also collaborate with international partners in the form of research, publications or visits. PhD students are expected to complete an international internship of at least one month.



UNIVERSITY  
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FACULTY  
OF ECONOMICS  
AND ADMINISTRATION

ACADEMIC YEAR  
**2021/2022**

**Coordinator - for further details, contact:**

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## STUDY PROGRAMME

Degree obtained  
**Doctoral (PhD.)**

### SYSTEMS ENGINEERING AND INFORMATICS

Form of study:	Full-time and Part-time
Standard duration:	4 years
Annual tuition fee per year:	CZK 90,000 (equivalent to EUR 3,600) for the full-time and part-time study per academic year
Financial support for students:	Doctoral scholarship (EUR 500 per month) only for full-time students. No scholarship is provided for part-time students
Additional financial support for students:	Scholarship for quality publication results (journal papers or conference papers) indexed in the database Web of Science or Scopus (the amounts range between EUR 150 and EUR 1,200 per semester)
State exam:	Defence of a dissertation thesis and obtaining 180 ECTS based on completion of courses
Defence:	Defence of a dissertation (100-120 pages) and 2 journal papers cited in the Scopus database (or Web of Science) and obtaining 240 ECTS in total (including extra credits related to publications)
Entrance examination:	An essay (15 pages) on the dissertation topic and an entrance interview (including an online Skype meeting), which is held in June or September
Admission:	Resolution on admission will be issued within 5 working days after the examination
Assistance:	Support provided by the International Office of the University of Pardubice
Accommodation:	It is available on the University campus. The monthly prices range from EUR 120 to EUR 200





The Faculty was founded in January 2008 and follows in the activities of the Institute established in 2002. The Faculty educates specialists within undergraduate, postgraduate, and doctoral degree courses. Students can major in information technology, automation, or electrical engineering. The Faculty responds to the need for qualified, university-educated specialists in the field of electronics, communication, and information and control technologies. All graduates easily find employment as programmers, analysts, network and database administrators, and as specialists in signal processing and in electrical engineering system control.

The Faculty also operates as an advanced academic research and development centre for long-standing national and international companies based in the northeast region of Bohemia that work in electrical engineering and electronic industries. The faculty has been cooperating with them mainly in the development of radio systems, signal processing in electronic systems, information technology, safety positioning research using global navigation satellite systems, the application of machine learning and deep learning for visual data processing, and, finally, technology process simulations in transport and logistics systems. The faculty participates in many projects and in international cooperation with European partners, but also with universities in the Republic of South Africa, India, Vietnam and Indonesia.

STUDY PROGRAMMES AT THE FACULTY OF ELECTRICAL ENGINEERING AND INFORMATICS

Study Programme	Degree	Tuition fee per year in €	Years of study	Application period
Electrical Engineering and Informatics	Doctoral	3 900	4	Jan–May

**ELECTRICAL ENGINEERING AND INFORMATICS**

Students in this programme can pursue one of three general branches depending on their dissertation topic: (i) radio engineering, microwave technology, and radar and communication systems; (ii) network systems modelling and simulation; or (iii) process control and automation.

The programme deepens students' knowledge of modern mathematical methods, computer simulation, methods of artificial intelligence and soft computing, optimisation and other advanced research techniques. During their studies, students will work in both the academic sphere and in industry. They will develop skills in research, development and application.

The Faculty of Electrical Engineering and Informatics is situated in the heart of Pardubice in a renovated historical building, but boasts modern facilities, well-equipped laboratories and state-of-the-art software. They also cooperate with the Czech Academy of Sciences in the fields of Electrical Engineering and Physics. As part of their studies, students must complete an internship of at least one month abroad, and they can participate in some of the international research projects in which the faculty is a partner. This includes Horizon 2020 projects. The city of Pardubice offers a safe environment and affordable cost of living, and easy access to major cities in Europe.

**ELECTRICAL ENGINEERING AND INFORMATICS**

Form of study:	Full-time and Part-time
Standard duration:	4 years
Annual tuition fee per year:	EUR 3,900 per academic year
Financial support for students:	No scholarship for full-time or part-time students
Additional financial support for students:	Scholarship for project activities and quality publication results (not mandatory)
State doctoral exam:	Defence of a dissertation thesis and obtaining 160 ECTS based on completion of courses
Defence:	Defence of a dissertation and 4 papers cited in the Scopus database or Web of Science, at least 1 of them journal paper with impact factor
Entrance examination:	CV, certified copy of diploma, recognition of higher education qualifications in Master's degree programmes, copy of passport, letter of recommendation, proof of English proficiency, the entrance interview
Admission:	Resolution on admission will be issued within 30 days
Assistance:	Support provided by the International Office of the University of Pardubice
Accommodation:	It is available on the University campus. The monthly prices range from EUR 120 to EUR 200
Total cost of living per month:	EUR 600



The Faculty of Transport Engineering, established in 1993, provides comprehensive education in the field of transportation. It educates professionals for roles in private and state transport companies and businesses, manufacturing, construction and trade companies, research and project organizations, state administration, and educational institutions. These much sought-after experts are able to professionally design, organize, and manage the technological and information processes associated with transport and forwarding systems. They are well skilled in operating online businesses and effectively communicating with customers and experts. Graduates understand acquisition and forwarding transactions; they can manage and carry out design and construction projects relating to transport means and transport infrastructure. They are able to design driving and electronic systems for different modes of transportation, ensure the operation, maintenance and renewal of vehicles and infrastructure, and assess their impact on the environment. The unique combination of theory and practice gives our students a head start in their careers.

STUDY PROGRAMMES AT THE FACULTY OF TRANSPORT ENGINEERING

Study Programme	Degree	Tuition fee per year in €	Years of study	Application period
Transport Technology and Management	Doctoral	3 900	3	Jan–May
Transport Means	Doctoral	3 900	3	Jan–May
Electrotechnical and Electronic Systems in Transport	Doctoral	3 900	3	Jan–May
Transport Structures	Doctoral	3 900	3	Jan–May

**TRANSPORT MEANS AND INFRASTRUCTURE****SPECIALISATION: ELECTROTECHNICAL AND ELECTRONIC SYSTEMS  
IN TRANSPORT**

This programme aims to provide students with in-depth knowledge of electric traction systems in road and rail vehicles, dependent traction power systems, electro mobility (i.e. power chains, battery power supply for charging systems, etc.), and safety-critical control systems in transportation, as well as of control, automation, radio communication, and sensor technology in vehicles and systems. Graduates will be able to solve, individually and in teams, scientific and research problems in technical fields of transport and related areas. The Faculty of Transport Engineering offers students the opportunity of hands-on experience in modern research facilities and equipment reflecting the latest technology. Students will be able to specialise in a particular aspect of transport engineering while having an overview of how the different interrelated fields interact. In addition, there is close cooperation with various Czech and international companies such as Škoda Auto, Siemens, CZ LOKO and Enteria, which ensures that all work is relevant and applicable to solve real-world problems. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students can also collaborate with international partners in the form of research, publications or visits. PhD students are expected to complete an international internship of at least one month.

**Coordinator - for further details, contact:**

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**TRANSPORT MEANS AND INFRASTRUCTURE****SPECIALISATION: ELECTROTECHNICAL AND ELECTRONIC SYSTEMS  
IN TRANSPORT**

Form of study:	Full-time and Part-time
Standard duration:	4 years
Annual tuition fee per year:	EUR 3,900 per academic year
Financial support for students:	Scholarship (EUR 750 per month) only for full-time students. No scholarship for part-time students
Additional financial support for students:	Scholarship for quality publication results (journal papers or conference papers) indexed in the database Web of Science plus special award for publications in Q1 or Q2 journals
State doctoral exam:	Defence of a dissertation thesis proposal and passing of all prescribed exams.
Defence:	Defence of a dissertation thesis and 2 journal papers cited in the Web of Science or Scopus database
Entrance examination:	Entrance interview (including an online Skype meeting)
Admission:	Resolution on admission will be issued within 5 working days
Assistance:	Support provided by the International Office of the University of Pardubice
Accommodation:	It is available on the University campus. The monthly prices range from EUR 120 to EUR 200
Total cost of living per month:	EUR 600

**TRANSPORT MEANS AND INFRASTRUCTURE****SPECIALISATION: TRANSPORT MEANS**

This programme aims to give students a deep theoretical knowledge in the field of transport means, especially in the theory of vehicle design, motion and safety, the environmental impact of vehicles, the analysis of vehicle strength and dynamics, and vehicle theory. Students will be able to perform theoretical and experimental analyses of complex problems in these areas, come up with new findings and solutions, and propose corrective measures in emergency cases. Graduates will be able to solve, individually and in teams, scientific and research problems in technical fields of transport and related areas, such as engineering and material engineering. They will be able to address issues around safety, reliability, and durability of various means of transport and related technology. The Faculty of Transport Engineering offers students the opportunity of hands-on experience in modern research facilities and equipment reflecting the latest technology. Students will be able to specialise in a particular aspect of transport engineering while having an overview of how the different interrelated fields interact. In addition, there is close cooperation with various Czech and international companies such as Škoda Auto, Siemens, CZ LOKO and Enteria, which ensures that all work is relevant and applicable to solve real-world problems. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students can also collaborate with international partners in the form of research, publications or visits. PhD students are expected to complete an international internship of at least one month.

**Coordinator - for further details, contact:**

**Mr. Ladislav Řoutil (PhD.)** **Ms. Veronika Fričová**  
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**TRANSPORT MEANS AND INFRASTRUCTURE****SPECIALISATION: TRANSPORT MEANS**

Form of study:	Full-time and Part-time
Standard duration:	4 years
Annual tuition fee per year:	EUR 3,900 per academic year
Financial support for students:	Scholarship (EUR 750 per month) only for full-time students. No scholarship for part-time students
Additional financial support for students:	Scholarship for quality publication results (journal papers or conference papers) indexed in the database Web of Science plus special award for publications in Q1 or Q2 journals
State doctoral exam:	Defence of a dissertation thesis proposal and passing of all prescribed exams
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Total cost of living per month:	EUR 600



**TRANSPORT MEANS AND INFRASTRUCTURE****SPECIALISATION: TRANSPORT STRUCTURES**

This programme aims to deliver highly qualified specialists with profound theoretical and practical knowledge in design, planning, assessment, and the implementation of transport structures (e.g. steel and concrete bridges, roads, and railways). Graduates will be able to solve, individually and in teams, scientific and research problems in technical fields of transport structures and related areas, such as engineering, structural mechanics, material engineering, and geotechnics. They will be able to address issues around safety, reliability, and durability of transport structures. The Faculty of Transport Engineering offers students the opportunity of hands-on experience in modern research facilities and equipment reflecting the latest technology. Students will be able to specialise in a particular aspect of transport engineering while having an overview of how the different interrelated fields interact. In addition, there is close cooperation with various Czech and international companies, which ensures that all work is relevant and applicable to solve real-world problems. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students can also collaborate with international partners in the form of research, publications or visits. PhD students are expected to complete an international internship of at least one month.

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**TRANSPORT TECHNOLOGY AND MANAGEMENT**

This programme is designed to provide students with a theoretical and methodological foundation in transport technology and management. It will deepen students' knowledge of the interaction between theory and practice, and safety and sustainability of proposed solutions in technical, technological and methodological areas. The programme aims to equip students to analyse complex problems in the field of transport technology and management. Using mathematics, logistics systems, modelling of technological processes, data structures, algorithms and other methods, students will be able to arrive at appropriate solutions. The Faculty of Transport Engineering offers students the opportunity of hands-on experience in modern research facilities and equipment reflecting the latest technology. Students will be able to specialise in a particular aspect of transport engineering while having an overview of how the different interrelated fields interact. In addition, there is close cooperation with various Czech and international companies such as Škoda Auto, Siemens, CZ LOKO and Enteria, which ensures that all work is relevant and applicable to solve real-world problems. The city of Pardubice offers safe and affordable cost of living, and easy access to major cities in Europe. As part of their studies, students can also collaborate with international partners in the form of research, publications or visits. PhD students are expected to complete an international internship of at least one month.

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# STUDENT ORGANISATIONS

## STUDENT COUNCIL

This group of student-elected representatives communicates students' needs to the university management.

## EUROPEAN STUDENT NETWORK

The ESN Buddy programme provides assistance to international students by pairing them with a local student who can help them get adjusted.

## UNIVERSITY CHOIR

The choir sings a variety of music, including classical, jazz, soul, gospel and pop, and performs several times a year.

## THE DUKE OF EDINBURGH'S INTERNATIONAL AWARD

This programme aims to develop each person's unique personality strengths and qualities to achieve their personal goals and be a leader in the world.

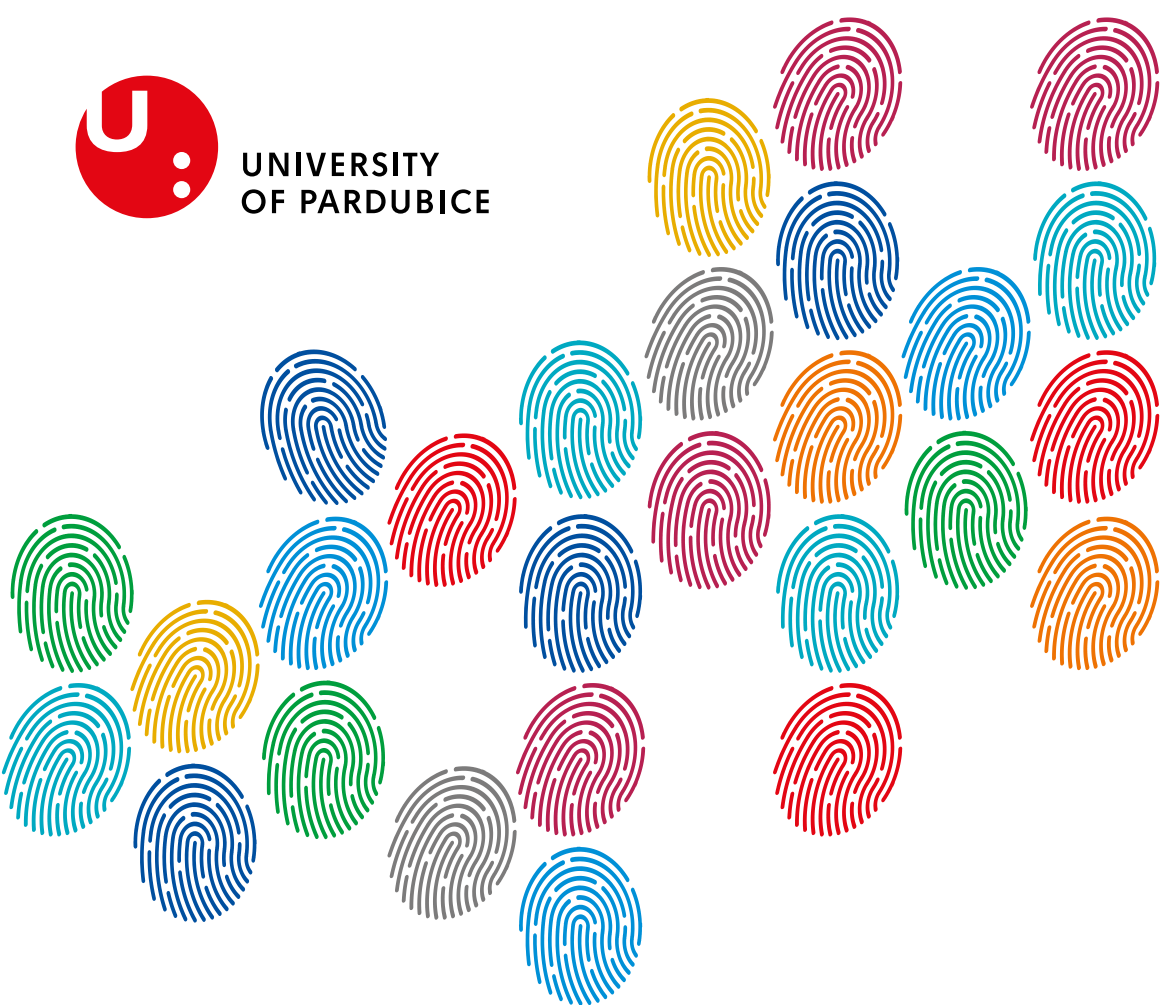
## AIESEC

This international union of students organises events for students in Business and Economics.





UNIVERSITY  
OF PARDUBICE



## CONTACTS



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