

**University of Economics, Prague
Office for Science and Research**

Doctoral Study Programmes

for academic year 2020/2021

Dear PhD candidates,

this is a booklet that provides information about the organization and curriculum of the doctoral study programmes offered by the faculties of the University of Economics, Prague (henceforth just „VŠE“). Together with the Study and Examination Rules, this document gives you a complete understanding of this highest-level university degree, which is the first step in your research career (see <https://science.vse.cz/doctoral-studies/>).

Information about the PhD specializations is listed under the appropriate faculties, which administer the individual programmes. In this document, you can also find useful contact information, degree specializations, and the structure and requirements of all study programmes. Information about the VŠE PhD candidate projects can be found at the end of the booklet.

For more information, please contact the Office for Science and Research of VŠE (sabina.zukalova@vse.cz, susan@vse.cz) or the appropriate faculty.

Created under the kind sponsorship of Česká spořitelna, a.s.

VŠE Faculties with doctoral study programmes

Characteristics, structure of subjects in study programmes

Faculty of Finance and Accounting

Dean of the Faculty doc. Ing. Ladislav Mejzlík, Ph.D.

List of accredited doctoral study programmes at the Faculty of Finance and Accounting

Name of study programme	Standard duration in years		Validity of accr. till	
		<i>Mode of study*</i>	<i>Language**</i>	
<i>Finance</i>	4	<i>P,K</i>	<i>A</i>	<i>2.10.2028</i>
<i>Accountancy and Financial Management</i>	4	<i>P,K</i>	<i>A</i>	<i>2.10.2028</i>

**) Study programmes marked with letter P are realised in full-time mode of study, study programmes marked with letter K are realised in the distance or combined mode of study.*

****) Study programmes marked with letter A are realised in the English language.*

The doctoral studies candidates are admitted on the basis of the results of entrance exams and with regard to the capacity of supervisors. All information about the admission procedure can be found in a brochure called "Information about the entrance examination for doctoral studies" published by the University of Economics, Prague

[\(https://science.vse.cz/doctoral-studies/for-applicants/\)](https://science.vse.cz/doctoral-studies/for-applicants/).

The standard duration of accredited doctoral programmes is 4 years, while the maximum duration is 5 years. Detailed information about rules and regulations governing doctoral programmes can be found in the Study and Examination Rules (<https://science.vse.cz/doctoral-studies/students/>).

PhD candidates follow an individual study plan prepared under the guidance of their supervisors at the beginning of their study.

If the number of students is insufficient, the lessons will be carried out in a form of individual consultations.

The following doctoral study programmes may be studied at the Faculty of Finance and Accountancy:

- **Finance** (guarantor: prof. Ing. Zbyněk Revenda, CSc., phone number: +420 224 09 5175, e-mail: zbynek.revenda@vse.cz)
- **Accountancy and Financial Management** (guarantor: doc. Ing. David Procházka, Ph.D., phone number: +420 224 095 157, e-mail: prochazd@vse.cz)

Further inquiries on doctoral programmes should be directed to doc. Ing. Leoš Víték, Ph.D., the Vice dean for Science, Research and PhD Studies – phone number +420 224 09 5179, e-mail: leos.vitek@vse.cz.

Procedural and technical issues are administered by study coordinator for doctoral study: Agáta Bernasová – phone number: +420 224 09 5142, e-mail: referentkads_FFU@vse.cz.

Students can also receive more information about doctoral studies at the Office for Science and Research: Mgr. Sabina Zukalová, e-mail: sabina.zukalova@vse.cz.

Faculty of Finance and Accounting - FFA

Doctoral study programme: **Finance**

Programme „Finance“ is aimed at scientific research and independent creative activity in the sphere of micro- and macro- finance (Financial Markets and Banking, Monetary Theory and Policy, Public Finance). Programme compulsory subjects, elective subjects, optional subjects, scientific, publication and pedagogical duties; home and foreign scientific stays and preliminary focus of a doctoral thesis are included in the study scheme, which is composed at the beginning of study, being evaluated every year. After completing the study scheme the student sits for the Doctoral State Examination (Financial Economics, Economics of Banks and Insurance Companies, Theoretical and Analytical Issues of Public Finance, Microeconomic Aspects of Taxation, Fiscal Imbalance, Theory and Practice of Monetary Policy, International Monetary Relations), which is a complex revision of knowledge from the sphere of theory of finance and methods of application of newly gained knowledge.

With the final doctoral thesis the student proves his/her ability of independent creative work. It has a character of a research work, bringing new and so far not published knowledge in the sphere of theory of finance. Among the basic characteristic features of a doctoral thesis at the field of finance are especially the scientific approach to working out the topic, using scientific research methods, scientific style of work and scientific presentation of original outcomes. In the course of working out the doctoral thesis the student informs the respective department on the advance of solving the assigned topic.

The principal goal of the Finance doctoral programme is to prepare the students for their future university or research activity. The main stress is put on mastering modern quantitative methods, completing advanced financial subjects, solving specialized research tasks and their presentation at professional conferences and working out and defending doctoral work being a substantial scientific contribution in the sphere of theory of finance.

Compulsory courses:

MTP903 Monetary Economics and Empirical Models
VF_901 Public Finance
BP_903 Financial Markets and Institutions

Elective courses:

PhD candidate chooses one of the stated subjects on recommendation of supervisor:

MIE911 Economics (Microeconomics – Macroeconomics)
MAE911 Economics (Macroeconomics – Microeconomics)

PhD candidate chooses one of the stated subjects on recommendation of supervisor:

FIL901 Philosophy and Methodology of Science
STP916 Applied Statistics and Econometrics

Optional and supplementary courses:

Upon agreement with their supervisor the PhD candidate chooses other, but maximum of three courses relevant to the doctoral thesis (see the list of accredited subjects for doctoral study).

Foreign languages courses for doctoral study programme are offered by the language departments

PhD candidate performs other duties in accordance with the Study and Examination Rules and the Individual Study Plan.

In accordance with the Study and Examination Rules, PhD candidates also have to record in their Individual Study Plan a doctoral state examination as well as a defence of thesis.

Faculty of Finance and Accounting - FFA

Doctoral study programme: **Accountancy and Financial Management**

The study programme ACCOUNTANCY AND FINANCIAL MANAGEMENT focuses on the preparation of students for their future academic or research career in business or public sector. In the line with current standards in international research, the core of the programme rests on mastering of modern quantitative and qualitative research methods in business and economics, passing advanced courses in accounting and corporate finance, as well as in own research of specific topics and their presentation in top conferences in the field.

Students are expected to do their research on a selected topic relating to financial accounting, management accounting, auditing, corporate finance, financial management or business valuation. Based on the theoretical preparation in the courses and own research, the graduate is able to solve complex problems in the above-mentioned area, both on a theoretical and a practical level. Own research activity of a student is grounded on deep knowledge of relevant and competing economic, financial and accounting theories as well as on their empirical testing under various sets of conditions.

The study is formally concluded by the elaboration and defense of final doctoral thesis, by which students prove their ability of independent creative research work. The thesis can take either form of a research monograph, or it can consist of a collection of published papers in internationally recognised peer-reviewed journals.

Compulsory courses:

MIE911 Economics (Microeconomics – Macroeconomics)
FP_901 Financial Management
MU_901 Management Accounting
FU_902 Financial Accounting Standardization

Elective courses:

PhD candidate chooses one of the stated subjects on recommendation of supervisor:

FIL901 Philosophy and Methodology of Science
STP916 Applied Statistics and Econometrics

Optional and supplementary courses:

Upon agreement with their supervisor the PhD candidate chooses other, but maximum of three courses relevant to the doctoral thesis (see the list of accredited subjects for doctoral study).

Foreign languages courses for doctoral study programme are offered by the language departments.

PhD candidate performs other duties in accordance with the Study and Examination Rules and the Individual Study Plan.

In accordance with the Study and Examination Rules, PhD students also have to record in their Individual Study Plan a doctoral state examination as well as a defence of thesis.

Faculty of International Relations

Dean of the Faculty doc. Ing. Josef Taušer, Ph.D.

The list of accredited doctoral study programmes at the Faculty of International Relations

Name of study programme	Standard duration in years		Validity of accr. till	
		<i>Mode of study*</i>		<i>Language**</i>
<i>International Economic Relations</i>	4	<i>P,K</i>	<i>A</i>	<i>1.10.2028</i>
<i>International and Diplomatic Studies</i>	3	<i>P,K</i>	<i>A</i>	<i>22.5.2029</i>
<i>Political Science</i>	3	<i>P,K</i>	<i>A</i>	<i>8.1.2029</i>

*) Study programmes marked with letter *P* are realised in full-time mode of study, study programmes marked with letter *K* are realised in the distance or combined mode of study.

***) Study programmes marked with letter *A* are realised in the English language.

The doctoral studies candidates are admitted on the basis of the results of entrance exams and with regard to the capacity of supervisors. All information about the admission procedure can be found in a brochure called "Information about the entrance examination for doctoral studies" published by the University of Economics, Prague (<https://science.vse.cz/doctoral-studies/for-applicants/>).

The standard duration of accredited doctoral programmes is 3 or 4 years depending on the programme, while the maximum duration is 5 years. Detailed information about rules and regulations governing doctoral programmes can be found in the Study and Examination Rules (<https://science.vse.cz/doctoral-studies/students/>).

PhD candidates follow an individual study plan prepared under the guidance of their supervisors at the beginning of their study.

If the number of students is insufficient, the lessons will be carried out in a form of individual consultations.

These doctoral study programmes may be studied at Faculty of International Relations:

- **International and Diplomatic Studies** (guarantor: doc. Mgr. Ing. Štěpánka Zemanová, Ph.D., phone number +420 224 09 5660, e-mail: stepanka.zemanova@vse.cz)
- **International Economic Relations** (guarantor: doc. Ing. Martina Jiránková, Ph.D., phone number +420 224 09 5210, e-mail: martina.jirankova@vse.cz)
- **Political Science** (guarantor: prof. PhDr. Vladimíra Dvořáková, CSc., phone number +420 224 09 5296, e-mail: vladimira.dvorakova@vse.cz)

Further inquiries on doctoral programmes should be directed to doc. Ing. Mgr. Radka Druláková, Ph.D., the Vice-dean for Research and Doctoral Studies – phone number +420 224 09 5248, e-mail: radka.drulakova@vse.cz.

Procedural and technical issues are administered by study coordinator for doctoral study: Lenka Procházková – prochazl@vse.cz, phone number: +420 224 09 5240.

Students can receive more information about doctoral studies at the Office for Science and Research: Mgr. Sabina Zukalová, e-mail: sabina.zukalova@vse.cz.

Faculty of International Relations - FIR

Doctoral study programme: International and Diplomatic Studies

The aim of the doctoral programme in International and Diplomatic Studies is to extend knowledge, competencies and skills required for independent research in this area. Emphasis is given especially to the development of scholarly expertise, including in-depth knowledge of International Relations theories, methodology and research techniques. Simultaneously, comprehensive understanding of contemporary international relations and diplomacy, and an analytical toolkit for the interdisciplinary study of globalisation processes are systematically developed.

The doctoral programme in International and Diplomatic Studies aims to produce outstanding specialists in International Relations. Its design enables students to gain advanced interdisciplinary knowledge of various international relations branches (politics, economics, international law, security, culture, and the environment) at both theoretical and empirical levels as a necessary background for their research.

Upon successful completion of the doctoral degree, graduates will understand the principles of scholarly work, ethics and research design, and will be familiar with research methodology. They will gain the ability to propose new methodological approaches and to apply them when carrying out individual research tasks. Furthermore, they will gain the competencies and skills necessary for independent creative scholarly work and research upon the completion and successful defence of their doctoral thesis.

Corresponding to the character of the International Relations discipline, special attention is paid to understanding the mutual relations between theory and practice, interdisciplinarity and the development of skills required for interdisciplinary analysis. At the same time, the core of the programme is situated in international politics, diplomacy and economics. Other aspects of contemporary international relations such as law, culture and the environment are also taken into consideration.

The programme is designed primarily for graduates in social sciences (including economics) and humanities. It is suitable for candidates motivated to work in academia, capable of abstract theoretical thinking, comprehensive and systematic approach to theoretical and empirical problems, searching for gaps in the current state of knowledge, and trying to fill them by formulating new research questions, designing research, and using relevant research methodology. For the successful completion of the programme an excellent command of English is required, while advanced knowledge of other languages, especially those of specific countries which the candidate intends to research, is also recommended.

The programme educates young scholars in the fields of general and applied research. The degree prepares graduates for successful careers in academic and research institutions, as well as in foreign service. Graduates will also be qualified for careers in management or as leaders of international projects, or as experts and analysts in international institutions. Last but not least, graduates may opt to become specialists in internationalized companies or to work in the media.

Compulsory courses:

**SMS986 International Relations: Theoretical and
Methodological Approaches**
SMS982 Academic Research in International Studies

Elective courses:

The PhD candidate chooses one of the following three subjects on the recommendation of a supervisor:

MO_922 Methodology of Science
SMS983 Qualitative Methods in International Studies
STP915 Statistical Methods for Scientific Research

The PhD candidate chooses one of the following four subjects on the recommendation of a supervisor.

MIE911 Economics (Microeconomics – Macroeconomics)
MAE911 Economics (Macroeconomics – Microeconomics)
SE_906 Macroeconomics
SE_963 International Economics III

The PhD candidate chooses one of the following seven subjects on the recommendation of a supervisor:

SMS981 Foreign Policy: Theory and Practice
SMS984 Globalisation and Global Sociocultural Change
**SMS985 International Security in the Age of Global
Terrorism and Rising Tension at the NATO's Eastern
Border**
**SMS988 Scholarly Publishing in International Studies and
Diplomacy**
**SMS987 The International System – Structure, Evolution,
Trends**
**SMS989 Czech Foreign Policy: Conceptualisation and
Realisation**
**SMS990 Diplomacy in a Changing World: Theory and
Practice**

Optional and supplementary courses:

Upon agreement with their supervisor, the PhD candidate chooses another one to three courses relevant to the doctoral thesis (see the list of accredited courses for doctoral programmes).

Foreign language courses for the doctoral study programme are delivered by the language departments.

The PhD candidate performs other duties in accordance with the Study and Examination Rules and the Individual Study Plan.

In accordance with the Study and Examination Rules, the PhD candidate also has to record in their Individual Study Plan a doctoral state examination (in the electronic information system it is referred to as the subject 2SDZ – Doctoral State Examination) as well as a defence of thesis (in the electronic information system it is referred to as the subject 2ODIS – Defence of Thesis).

Faculty of International Relations - FIR

Doctoral study programme: **International Economic Relations**

This study programme enables further professional education of university-graduated professionals by acquiring of scientific qualification in the sphere of international business. Study extends the knowledge of this broad and dynamically developing field and develops skills in applying scientific methods in research in this sphere. It educates experts for independent creative work and conceptual approach to solving problems of international business and to applying newly gained knowledge in practice.

Applicants for this study programme can be graduates from economic universities or other social science or technical fields. The choice of studied subjects enables to adjust the structure of completed courses to the preceding education of the applicant, to the field of interest and to the particular focus of his/her doctoral thesis.

Graduates from doctoral study of International Economic Relations apply their skills mainly in entrepreneurial sphere at home and abroad, at scientific and research work places, at universities and vocational schools, in public administration bodies and diplomatic corps abroad, in public-service institutions and international organizations.

Compulsory courses:

SE_963 International Economics III
MO_922 Methodology of Science - in English
STP915 Statistical Methods for Scientific Research

Elective courses:

The PhD candidate chooses one of the following two subjects on the recommendation of a supervisor:

MIE911 Economics (Microeconomics – Macroeconomics)
SE_906 Macroeconomics

The PhD candidate chooses one of the following seven subjects on the recommendation of a supervisor:

MO_911 International Marketing Management
MO_912 New Challenges in the International Logistics
OP_903 Retail Logistics
OP_904 International Management
PRA913 Economic and Business European Law
SE_904 European Monetary Integration
SE_905 The Single Market of the EU - Project and Realisation

Optional and supplementary courses:

Upon agreement with their supervisor, the PhD candidate chooses other one to three courses relevant to the doctoral thesis (see the list of accredited courses for doctoral programmes).

Foreign language courses for the doctoral study programme are delivered by the language departments.

The PhD candidate performs other duties in accordance with the Study and Examination Rules and the Individual Study Plan.

In accordance with the Study and Examination Rules, the PhD students also have to record in their Individual Study Plan a doctoral state examination (in the electronic information system it is referred to as the subject 2SDZ – Doctoral State Examination) as well as a defence of thesis (in the electronic information system it is referred to as the subject 2ODIS – Defence of Thesis).

Faculty of International Relations - FIR

Doctoral study programme: **Political Science**

Doctoral study of Political Science at VŠE offers extending of knowledge in the field of Policy and Political Sciences. Owing to common economic basis of doctoral study at VŠE the graduate gains combined knowledge of economics and policy, which is one of the key connections for understanding a modern world. This study can be recommended both to people who want to be professional politicians and to people from the economic sphere, who are in a daily contact with politics. Doctoral study of political science can be recommended above all to the researchers who want to deal with the political science professionally as scientists or pedagogues. The study of political science within doctoral study offers knowledge indispensable both for qualified decisions in institutions of political system and for effective decision making of firms, for which political interests form a natural environment of their activity. The study of political science also brings important knowledge for workers in non-governmental organizations. In narrower specialisation of PhD candidates the department enables quite a broad range of focus of doctoral thesis – from political science analyses, through studies in comparative politics, to the narrower topics of civil activities, local government and self-government, corruption, lobbying. In the studies of political science it is also possible to study the issue of environmental policy.

Compulsory courses:

POL930 Theory and Methodology in Political Science

Elective courses:

The PhD candidate chooses one of the subjects on recommendation of a supervisor:

MO_922 Methodology of Science

SMS983 Qualitative Methods in International Studies

STP915 Statistical methods for Scientific Research

The PhD candidate chooses one of the three subjects on recommendation of a supervisor:

MIE911 Economics (Microeconomics-Macroeconomics)

MAE911 Economics (Macroeconomics-Microeconomics)

SE_963 International Economics III

The PhD candidate chooses one of the four subjects on recommendation of a supervisor:

POL902 Comparative Politics

POL933 History of Political Thought and Current Issues

POL905 Political Sociology

POL937 Environmental Policy

Optional and supplementary courses:

Upon agreement with their supervisor, the PhD candidate chooses other one to three courses relevant to the doctoral thesis (see the list of accredited courses for doctoral programmes).

Foreign language courses for the doctoral study programme are delivered by the language departments.

The PhD candidate performs other duties in accordance with the Study and Examination Rules and the Individual Study Plan.

In accordance with the Study and Examination Rules, the PhD students also have to record in their Individual Study Plan a doctoral state examination (in the electronic information system it is referred to as the subject 2SDZ – Doctoral State Examination) as well as a defence of thesis (in the electronic information system it is referred to as the subject 2ODIS – Defence of Thesis).

Faculty of Business Administration

Dean of the Faculty prof. Ing. Ivan Nový, CSc.

The list of accredited doctoral study programmes at the Faculty of Business Administration

Name of study programme	Standard duration in years		Validity of accr. till	
		<i>Mode of study*</i>	<i>Language**</i>	
<i>Management and managerial economics</i>	4	<i>P,K</i>	<i>A</i>	<i>9. 12. 2029</i>

*) *Study programmes marked with letter P are realised in full-time mode of study, study programmes marked with letter K are realised in the distance or combined mode of study*

***) *Study programmes marked with letter A are realised in the English language.*

The doctoral studies candidates are admitted on the basis of the results of entrance exams and with regard to the capacity of supervisors. All information about the admission procedure can be found at <https://fba.vse.cz/admissions/doctoral-study-programs/> and in a brochure called "Information about the entrance examination for doctoral studies" published by the University of Economics, Prague (<https://science.vse.cz/doctoral-studies/for-applicants/>).

The standard duration of accredited doctoral programme is 4 years, while the maximum duration is 5 years. Detailed information about rules and regulations governing doctoral programmes can be found in the Study and Examination Rules (<https://science.vse.cz/doctoral-studies/students/>) and at <https://fba.vse.cz/admissions/doctoral-study-programs/study-requirements/>.

PhD candidates follow an individual study plan prepared under the guidance of their supervisors at the beginning of their study.

If the number of students is insufficient, the lessons will be carried out in a form of individual consultations.

The following Ph.D. programme may be studied at the Faculty of Business Economy:

- **Management and managerial economics** (guarantor: doc. Ing. Mgr. Martin Lukeš, Ph.D., phone number +420 224 09 8450, e-mail: martin.lukes@vse.cz)

Further inquiries on doctoral programmes should be directed to doc. Ing. Mgr. Martin Lukeš, Ph.D., the Vice-dean for Science and Research – phone number + 420 224 09 8450, e-mail: martin.lukes@vse.cz.

Procedural and technical issues are administered by study coordinator for doctoral study: Ing. Adriana Válková, Ph.D. – phone number: +420 224 09 8347, adriana.valova@vse.cz.

Students can receive more information about doctoral studies at the Office for Science and Research: Mgr. Sabina Zukalová, e-mail: sabina.zukalova@vse.cz.

Faculty of Business Administration - FBA

Doctoral study programme: **Management and managerial economics**

In the programme Management and managerial economics, the research activities of PhD students are focused on such topics as the business strategy in a European context; innovation strategies of multinational firms; restructuring and revitalization of companies; management of the growth of start-ups; management of company value; entrepreneur of family firms, management of logistic chains; management of human resources in multicultural environment; economic evaluation of cultural organization; and other related matters.

Compulsory courses:

3CV901 Methodology of scientific research

This subject is a part of the Doctoral State Examination.

Elective courses:

PhD candidate chooses one of the two subjects on recommendation of a supervisor:

3CV902 Statistical methods for quantitative research

3CV903 Qualitative research

PhD candidate chooses one of the following subjects on recommendation of a supervisor and according to their specialisation (this subject is optional part of the Doctoral State Examination):

3MA901 Management

3MI910 Economics of the firm and industry

Optional and supplementary courses:

Upon agreement with their supervisor the PhD candidate chooses another course relevant to the doctoral thesis:

3HR971 HR Management Research

**3MA971 Management and Managerial Decision-Making
Research Seminar**

3AM971 Research in culture and arts management

3PS971 Research in managerial psychology and sociology

3MG971 Research in marketing

3PO971 Entrepreneurship Research

3SG971 Strategy Research

3MI971 Research in managerial economics

**3LG971 Research in supply chain management, logistics
and transport**

Foreign languages courses for doctoral study programme are offered by the language departments.

PhD candidate performs other duties in accordance with the Study and Examination Rules and the Individual Study Plan, which includes faculty regulations (see <https://fba.vse.cz/admissions/doctoral-study-programs/study-requirements/>).

In accordance with the Study and Examination Rules, PhD students also have to record in their Individual Study Plan a doctoral state examination (in the electronic information system it is referred to as the subject 3SDZEN – Doctoral State Examination) as well as a defence of thesis (in the electronic information system it is referred to as the subject 3ODPEN – Defence of Thesis).

Faculty of Informatics and Statistics

Dean of the Faculty prof. Ing. Jakub Fischer, Ph.D.

The list of accredited doctoral study programmes at the Faculty of Informatics and Statistics

Name of study programme	Standard duration in years		Validity of accr. till	
		<i>Mode of study*</i>	<i>Language**</i>	
<i>Applied Informatics</i>	4	<i>P,K</i>	<i>A</i>	<i>18.3.2029</i>
<i>Econometrics and Operations Research</i>	4	<i>P,K</i>	<i>A</i>	<i>18.3.2029</i>
<i>Statistics</i>	4	<i>P,K</i>	<i>A</i>	<i>18.3.2029</i>

*) Study programmes marked with letter *P* are realised in full-time mode of study, study programmes marked with letter *K* are realised in the distance or combined mode of study.

***) Study programmes marked with letter *A* are realised in the English language.

The doctoral studies candidates are admitted on the basis of the results of entrance exams and with regard to the capacity of supervisors. All information about the admission procedure can be found in a brochure called "Information about the entrance examination for doctoral studies" published by the University of Economics, Prague (<https://science.vse.cz/doctoral-studies/for-applicants/>).

The standard duration of accredited doctoral programmes is 4 years, while the maximum duration is 5 years. Detailed information about rules and regulations governing doctoral programmes can be found in the Study and Examination Rules (<https://science.vse.cz/doctoral-studies/students/>).

PhD candidates follow an individual study plan prepared under the guidance of their supervisors at the beginning of their study.

If the number of students is insufficient, the lessons will be carried out in a form of individual consultations.

These three doctoral study programmes may be studied at the Faculty of Informatics and Statistics:

- **Applied Informatics** (guarantor: prof. Ing. Vojtěch Svátek, Dr., phone number: +420 224 09 5495, e-mail: vojtech.svatek@vse.cz)
- **Econometrics and Operations Research** (guarantor: prof. Ing. Josef Jablonský, CSc., phone number: +420 224 09 5403, e-mail: josef.jablonsky@vse.cz)
- **Statistics** (guarantor: prof. Ing. Hana Řezanková, CSc., phone number +420 224 09 5483, e-mail: hana.rezankova@vse.cz)

Further inquiries on doctoral programmes should be directed to prof. Ing. Petr Doucek, CSc., the Vice-dean for Research and International Relations – phone number +420 224 09 5409, e-mail: petr.doucek@vse.cz.

Procedural and technical issues are administered by study coordinator for doctoral study: Jitka Krajíčková – phone number: +420 224 09 5464, e-mail: krajicko@vse.cz.

Students can receive more information about doctoral studies at the Office for Science and Research: Mgr. Sabina Zukalová, e-mail: sabina.zukalova@vse.cz.

Faculty of Informatics and Statistics - FIS

Doctoral study programme: **Applied Informatics**

The doctoral study programme of Applied Informatics focuses on education of theoretically and practically well-prepared professionals with global overview of individual subfields of informatics, capable of conceptual thinking when creating and using information systems and of bridging between the users' goals and requirements and the possibilities of information technology. Central research topics of the programme are: relationship between the economic environment and informatics; IS/IT as a tool for competitiveness of an organisation; business information strategy; the role of system integrators; various IS/IT architectures; outsourcing in informatics, etc. The field also covers modern software development methodologies (such as agile approaches) and advanced techniques of data processing (knowledge discovery from databases and web, integration of semantically described data etc.).

The doctoral study is primarily aimed at successful elaboration and defence of a high-standard doctoral thesis, in which theoretical knowledge including an overview of world trends is combined with practical findings. The high professional quality of the PhD students is mainly achieved through their involvement in research projects of the individual departments, including international cooperation. Successful graduates can find their place within universities, large corporations, but also in public administration. Beside solid familiarity with concrete information technologies they are also characterized by their interdisciplinary view, exact thinking and the capability to formulate and manage complex tasks accomplished in a team collaboration.

Compulsory courses:

IT_910 Research Methods for Managers

Elective courses:

The PhD candidate chooses two subjects taught by informatics departments (with IDs starting by IT, IZI, or SA, excluding subjects IT_911 and SA_909, which are offered only as optional) on recommendation of a supervisor according to the following rules:

- one subject taught by a *different* department than the one where student's supervisor works
- one subject taught by the *same* department as the one where student's supervisor works (in case their supervisor does work in any of the departments at the faculty)

Optional courses:

Upon agreement with their supervisor the PhD candidate chooses other one to three courses relevant to the doctoral thesis (see the list of accredited subjects for doctoral study). The course(s) may also be taught by informatics departments, in addition to chosen elective courses.

Foreign languages courses for doctoral study programme are offered by the language departments.

PhD candidate performs other duties in accordance with the Study and Examination Rules for and the Individual Study Plan.

In accordance with the Study and Examination Rules, PhD students also have to record in their Individual Study Plan following duties in a form of subjects:

4OPP	Dissertation project defence
4DVC1	Research I
4DVC2	Research II
4SDZAI	Doctoral State Examination
4MO	Small defence
4ODDP	Dissertation Defence

Faculty of Informatics and Statistics - FIS

Doctoral study programme: **Econometrics and Operations Research**

Study programme of *Econometrics and Operations Research* is aimed at education of professionals in the sphere of the development of theory and applications of optimisation models, econometric modelling and forecasting, mathematical economics, optimal directing and simulation models. The goal of the programme is to train economically educated graduates who can develop and apply methods and models of operations research in tasks of mathematical programming, theory of games, network analysis, multicriteria decision making, theory of inventories and queuing as well as econometric models in microeconomic and macroeconomic analyses. Professional level of pedagogues participating in teaching process to students at doctoral study programme of Econometrics and Operations Research, as well as relatively large number of professors and readers, enables to offer also a number of specialised and broadly aimed optional subjects besides compulsory ones. Study programme of Econometrics and Operations Research educates highly qualified professionals with deep knowledge of econometrics, optimizing and simulation methods as well as models and software products for quantitative analysis. They can succeed in central institutions, banks, and other financial institutions, consulting companies and in other positions where independent creative work and exact thinking is required.

Compulsory courses:

IT_910 Research Methods for Managers
EKO902 Applied Econometrics
EKO903 Computer Optimization

PhD candidate chooses one of the two subjects on recommendation of a supervisor:

MIE901 Microeconomics Analysis (Microeconomics 3)
MAE901 Macroeconomics III

Optional courses:

Upon agreement with their supervisor the PhD candidate chooses other one through three courses relevant to the doctoral thesis (see the list of accredited subjects for doctoral study).

Foreign languages courses for doctoral study programme are offered by the language departments.

PhD candidate performs other duties in accordance with the Study and Examination Rules and the Individual Study Plan.

In accordance with the Study and Examination Rules, PhD students also have to record in their Individual Study Plan following duties in a form of subjects:

4OPP	Dissertation project defence
4DVC1	Research I
4DVC2	Research II
4SDZEO	Doctoral State Examination
4MO	Small defence
4ODDP	Dissertation Defence

Faculty of Informatics and Statistics FIS

Doctoral study programme: **Statistics**

The main goal the doctoral study programme of *Statistics* is the education of top-ranking researchers and specialists with profound statistics education, knowledge of foreign and domestic literature and with ability to participate in challenging applications at solving important macroeconomic, financial, corporate and other problems. Teaching in doctoral study programme of Statistics is to give the PhD candidates an opportunity to study difficult field of statistics with stress on contemporary development of statistics theory as well as to inform them about new application possibilities and access to data analysis concerning foreign contemporary trends in this field. Such qualified graduates are highly demanded in the labour market and thus have a very good and wide opportunities. Professional level of pedagogues participating in teaching process of students at doctoral study programme of Statistics, as well as a relatively large number of professors and associate professors, enable to offer also a number of specialised and broadly aimed optional subjects besides the compulsory ones.

Doctoral study programme of Statistics broadens the offer of specialized study in the sphere in which there is a clear lack of young, highly qualified professionals. Graduates should assert themselves not only within public statistics service, but also as qualified experts desired by those institutions which require not only professional knowledge of statistics and exact way of thinking, but also the ability to formulate more complex tasks, perfect knowledge of work with statistics computer products and detailed economic knowledge.

Compulsory courses:

STP903 Sample Surveys

STP904 Multivariate Statistical Methods

STP921 Time Series and Regression

MIE901 Microeconomics Analysis (Microeconomics 3)

Optional courses:

Upon agreement with their supervisor the PhD candidate chooses other one through three courses relevant to the doctoral thesis (see the list of accredited subjects for doctoral study).

Foreign languages courses for doctoral study programme are offered by the language departments.

PhD candidate performs other duties in accordance with the Study and Examination Rules and the Individual Study Plan.

In accordance with the Study and Examination Rules, PhD students also have to record in their Individual Study Plan following duties in a form of subjects:

4OPP	Dissertation project defence
4DVC1	Research I
4DVC2	Research II
4SDZST	Doctoral State Examination
4MO	Small defence
4ODDP	Dissertation Defence

The Faculty of Management

Dean of the Faculty doc. Ing. Vladislav Bína, Ph.D.

The list of accredited doctoral study programmes at the Faculty of Management

Name of study programme	Standard duration in years		Validity of accr. till	
		<i>Mode of study*</i>		<i>Language**</i>
<i>Management</i>	<i>4</i>	<i>P, K</i>	<i>A</i>	<i>2.10.2028</i>

**) Study programmes marked with letter P are realised in full-time mode of study, study programmes marked with letter K are realised in the distance or combined mode of study*

****) Study programmes marked with letter A are realised in the English language.*

The doctoral studies candidates are admitted on the basis of the results of entrance exams and with regard to the capacity of supervisors. All information about the admission procedure can be found in a brochure called "Information about the entrance examination for doctoral studies" published by the University of Economics, Prague (<https://science.vse.cz/doctoral-studies/for-applicants/>).

The standard duration of accredited doctoral programmes is 4 years, while the maximum duration is 5 years. Detailed information about rules and regulations governing doctoral programmes can be found in the Study and Examination Rules (<https://science.vse.cz/doctoral-studies/students/>).

PhD candidates follow an individual study plan prepared under the guidance of their supervisors at the beginning of their study.

If the number of students is insufficient, the lessons will be carried out in a form of individual consultations.

This doctoral programme may be studied at the Faculty of Management:

- **Management** (guarantor: doc. RNDr. Lenka Komárková, Ph.D., phone number: +420 384 41 7222, e-mail: komarkol@fm.vse.cz)

Further inquiries on doctoral programmes should be directed to doc. Ing. Tomáš Kincl, Ph.D., the Vice dean for Science, Research and Doctoral Study – phone number +420 384 41 7154, e-mail: tomas.kincl@vse.cz.

Procedural and technical issues are administered by study coordinator for doctoral study: Mgr. Irena Míková, e-mail: mikovair@fm.vse.cz

Students can also receive more information about doctoral studies at the Office for Science and Research: Mgr. Sabina Zukalová, e-mail: sabina.zukalova@vse.cz.

The Faculty of Management - FM

Doctoral study programme: **Management**

The PhD study programme at the Faculty of management aims to educate young researchers who can contribute to the various disciplines under the field of management. PhD candidates acquire an extended knowledge from management and economics, as well as from the disciplines essential for the scientific work in academia, i.e. research methodology and design or quantitative/qualitative research methods. This allows the graduates to apply for a job not only in academia or research in general, but also in business areas where the scientific or evidence-based approach is required.

The graduates are able to:

- contribute and further extend the knowledge in the field of management,
- take advantage of the knowledge of state of the art in the given field and to use it for further scientific contribution, education, or business practice,
- work on both research and teaching positions in academia, senior management positions business, or public administration bodies.

Compulsory courses:

6DEKO1 Economics

6DMAN1 Management

6DVDM1 Research Design and Methodology

PhD candidate chooses one of the two subjects on recommendation of a supervisor:

6DKLM1 Qualitative Research Methods in Management

6DKNM1 Quantitative Research Methods in Management

Upon agreement with their supervisor the PhD candidate chooses maximum of three other courses relevant to the doctoral thesis:

DZAH1 Research Stay

Other optional courses may be chosen from the list of offered optional courses accredited for doctoral study of other faculties of VŠE.

PhD candidate performs other duties in accordance with the Study and Examination Rules and the Individual Study Plan, which also includes Dean's Directive No. 6/2017 (<https://www.fm.vse.cz/doktorske-studium/standard-doktoranda/>).

Requirements for Doctoral State Examination

The PhD candidate must successfully pass the PhD state examination no later than in their 6th semester. The PhD state examination also includes a thesis proposal consisting of a minimum of 30 pages submitted one month prior to the exam (at the latest).

The thesis proposal includes:

- A literature review introducing the research field and justifying the research assumptions/questions/hypotheses,
- Detailed research methodology in the context of research paradigms, research limitations,
- (At least) the preliminary results of the student's own research,

Prior to the PhD state examination, the PhD candidate must:

- Complete all the required subjects of the PhD study programme (according to the Individual Study Plan)
- Actively participate at the Scientific Conference for PhD Students and Young Researchers

Another part of the PhD state examination is an exam based on a list of resources created by the student's supervisor (at least two field-related books and/or at least ten journal papers)

The last part of the PhD state examination is an exam from Management Theory according to compulsory readings.

Defense of the PhD dissertation

The PhD candidate must successfully defend their PhD dissertation at the department ("minor" defense) no later than in their 8th semester. Prior to the Defense of the PhD dissertation at the department ("minor" defense), the PhD candidate must:

- Complete all the required subjects of the PhD study programme (according to the Individual Study Plan).
- Successfully pass the PhD state examination.
- Submit an Internal Grant Agency research project.
- Publish at least one paper in proceedings from a conference registered in the Web of Science and/or Scopus database.
- Publish (or provide evidence that the paper has been accepted for publication) at least one paper in a peer-reviewed journal registered in the Web of Science and/or Scopus database)
- Publish (or provide evidence the paper has been accepted for publication) at least one paper in a peer-reviewed journal³ registered in the ERIH database (or better). At least one publication must be published outside the Czech and Slovak Republic.
- Spend at least one month at a reputable university abroad (research stay) OR actively participate in an international research project (with outputs published or presented abroad) OR present another form of direct student international participation.

According to the Higher Education Act, the dissertation must present the PhD candidate's own scientific results; the results must have been previously published or accepted for publication.

The dissertation can take the form of a minimum of three articles addressing a comprehensive topic/issue, which have already been published or which have been accepted for publication in a peer-reviewed journal registered in the Web of Science and/or Scopus database. The PhD candidate must provide a comprehensive introduction to the issue and provide an explanation of how the articles contribute to the field. The PhD candidate must be leading author of at least three articles.

Internal Grant Agency at VŠE

The Internal Grant Agency at the VŠE has been set up to support scientific research projects focused on the research and publication activities of PhD candidates and researchers, as well as to promote the organization of student conferences held in the Czech Republic. Aid is granted on the basis of the results of internal student grant competition. The source of funding for internal grants provides funding for specific research at the university.

Application for a grant can be made by any graduate student as well as by any other member of the academic community of the university. Members of academic community must have in the project teams of students working towards their Master's degree or PhD candidates.

The composition and size of the team must correspond to the objectives of the project, expected content and volume of work.

The grant competition and the implementation of the scientific research project are governed by the Grant committee and the Grant councils of the faculties, which make the selection of the proposed projects on the basis of the project's scientific merit, expected benefits of the project, relevant professional qualifications of the applicant, the adequacy of the research team as well as justification of the financial requirements.

The Czech Science Foundation – GACR

The Czech Science Foundation – GACR (Grantová agentura České republiky) is a grant agency which supports the entire range of basic research in the Czech Republic. The main function of the GACR is to provide, through public tender, financial support for research projects submitted by individuals or organizations.

More information can be found on the website <http://www.gacr.cz>, or obtained from the Vice-Deans for Science at the faculties, or the Department of Science and Research at the VŠE.

The Rector's Prize for the scientific publications of the Doctoral students

The award for scientific publications is given for a scientific paper published in magazines, journals and other publications that can be considered to be important and enhance the prestige and standing of the VŠE, as a whole. Annual deadline for proposals is October 15. The Panel consisting of the vice-deans for science and research discusses the proposals and submits the best ones for the award to the Rector. The results of the selection and award winners are announced on the VŠE website,

Accommodation options for students on the Doctoral study programmes.

1. Accommodation Scholarship

PhD students in full time form of study may apply for an accommodation scholarship.

2. Accommodation in the dormitories

PhD students in full-time form of study may be accommodated in the VŠE dormitories.

You can find more information about accommodation on the VŠE web at:

<http://accommodation.vse.cz/>

Catalogue of courses is available on the web page:

<http://insis.vse.cz/katalog/index.pl?jak=rozsirene;obdobi=181;lang=en>