



**Introduction
of the University
of Hradec Králové**



HR EXCELLENCE IN RESEARCH

Location

Hradec Králové

- Central Europe, Eastern Bohemia
- Capital of the region, approx. 93 000 inhabitants
- One of the safest cities in the Czech Republic



Location

Hradec Králové

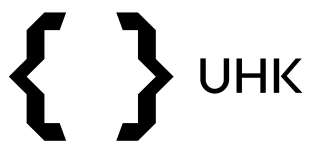
- Rich history
- Green city
- Amazing architecture
- Cultural events
- Easy transportation
- Affordable cost of living



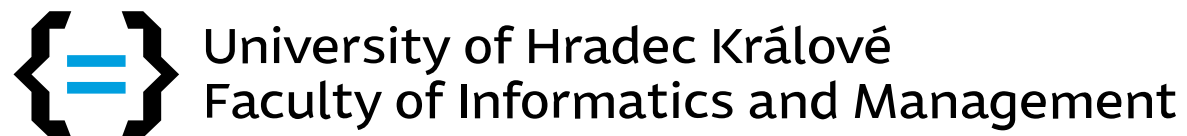
HR EXCELLENCE IN RESEARCH



University of Hradec Králové



University of Hradec Králové





University of Hradec Králové

a public university since 1959

more than 6 000 students in full
or part-time form of studies of all ages

preparing competitive graduates for the global labor market

keeping to high standards of the European education

around 90 study programmes in
bachelor, masters and doctoral studies



Study & Students



Degree programmes

3yrs Bachelor

2yrs Master

4yrs Doctoral

- around 30 English-taught study programmes
- summer schools with various focuses on IT, Czech culture and language or science, including extra leisure activities
- modern campus, libraries, laboratories
- vibrant student life (3 universities in town)



UHK proves its high standard by passing strict criteria of prestigious international rankings such as QS or THE, it has also successfully qualified in a ranking devoted to sustainability and ecology – the UI Green Metric.

UHK qualifying in 2022 rankings

THE WUR	1201–1500
THE BY SUBJECT: Education	501+
THE Young Universities	401–500
THE Emerging Economies	401–500
QS WUR	1001–1200
QS EECA	185
UI GREEN METRIC	582





Programmes taught in English:

Undergraduate

- Graphic Arts and Intermedia
- Playing a Musical Instrument Focused on Education
- Solo Singing Focused on Education
- Textile Production/Design
- Transcultural Communication

Graduate

- Early Childhood Education with a Focus on Children with Special Needs
- Teaching at Basic Art Schools - Playing a Musical Instrument and Solo Singing





Programmes taught in English:

Undergraduate

- Information Management

Graduate

- Economics and Management
- Information Management

Postgraduate

- Applied Informatics
- Information and Knowledge Management





Programmes taught in English:

Undergraduate

- Political Science

Graduate

- Central European Studies
- Philosophy

Postgraduate

- Philosophy





Programmes taught in English:

Undergraduate

- Biology and Ecology
- Chemistry – Spec. Bioorganic Chemistry; Spec. Toxicology and Analysis of Pollutants

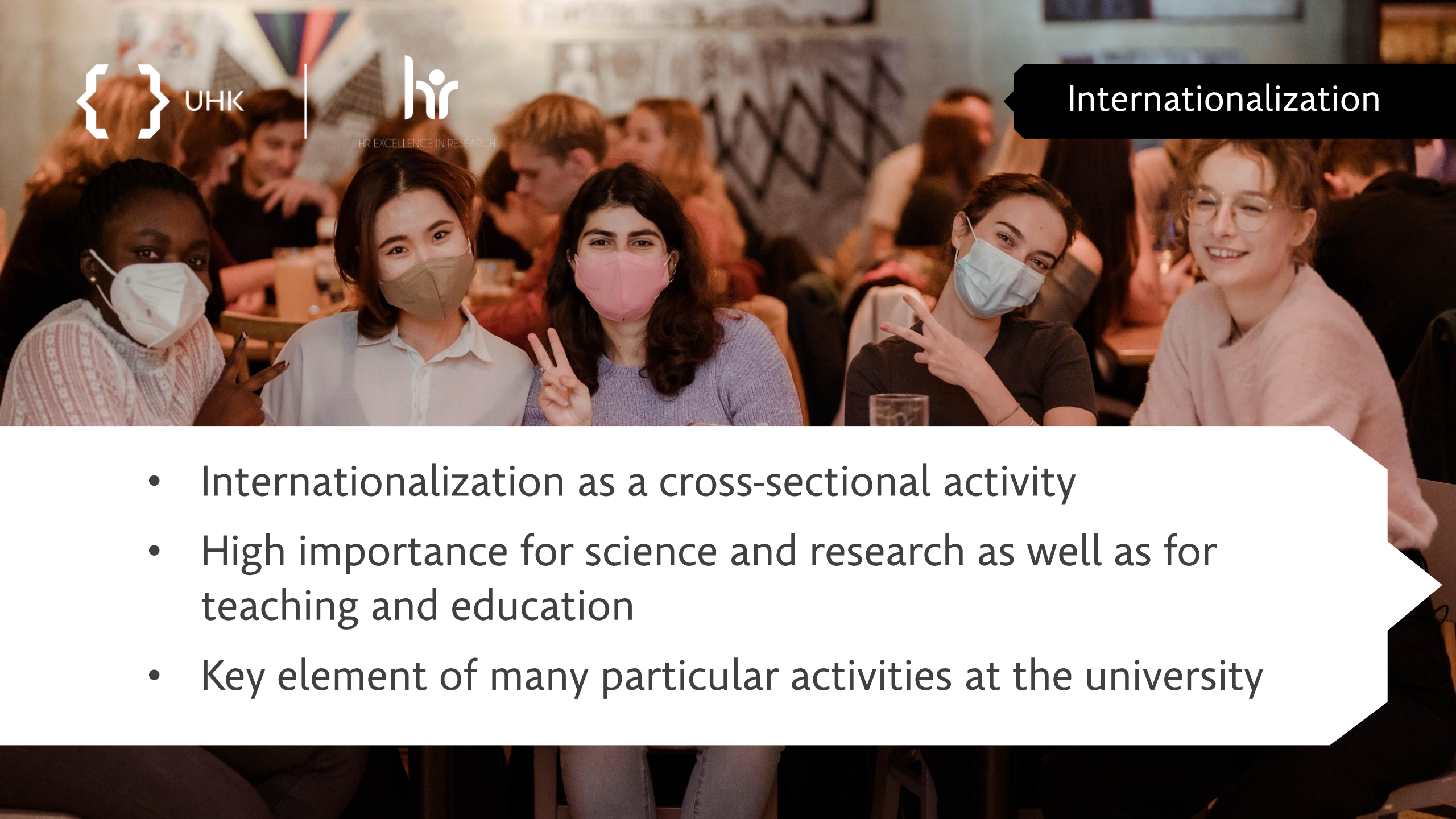
Graduate

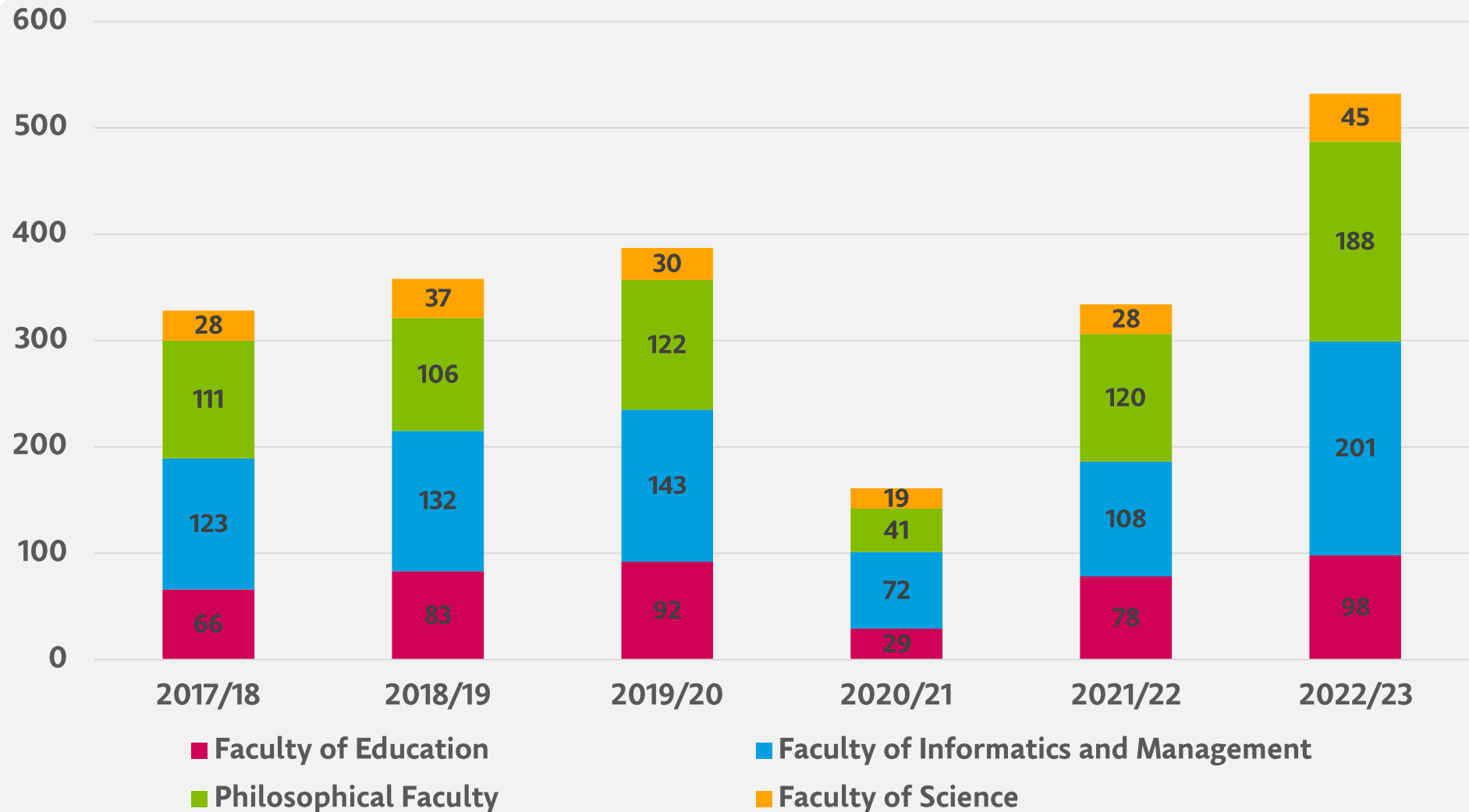
- Biology and Ecology – Spec. Experimental Biology; Spec. Plant Biology; Spec. Animal Biology
- Chemistry – Spec. Toxicology and Analysis of Pollutants; Spec. Bioorganic Chemistry; Spec. Analysis of Biomolecules

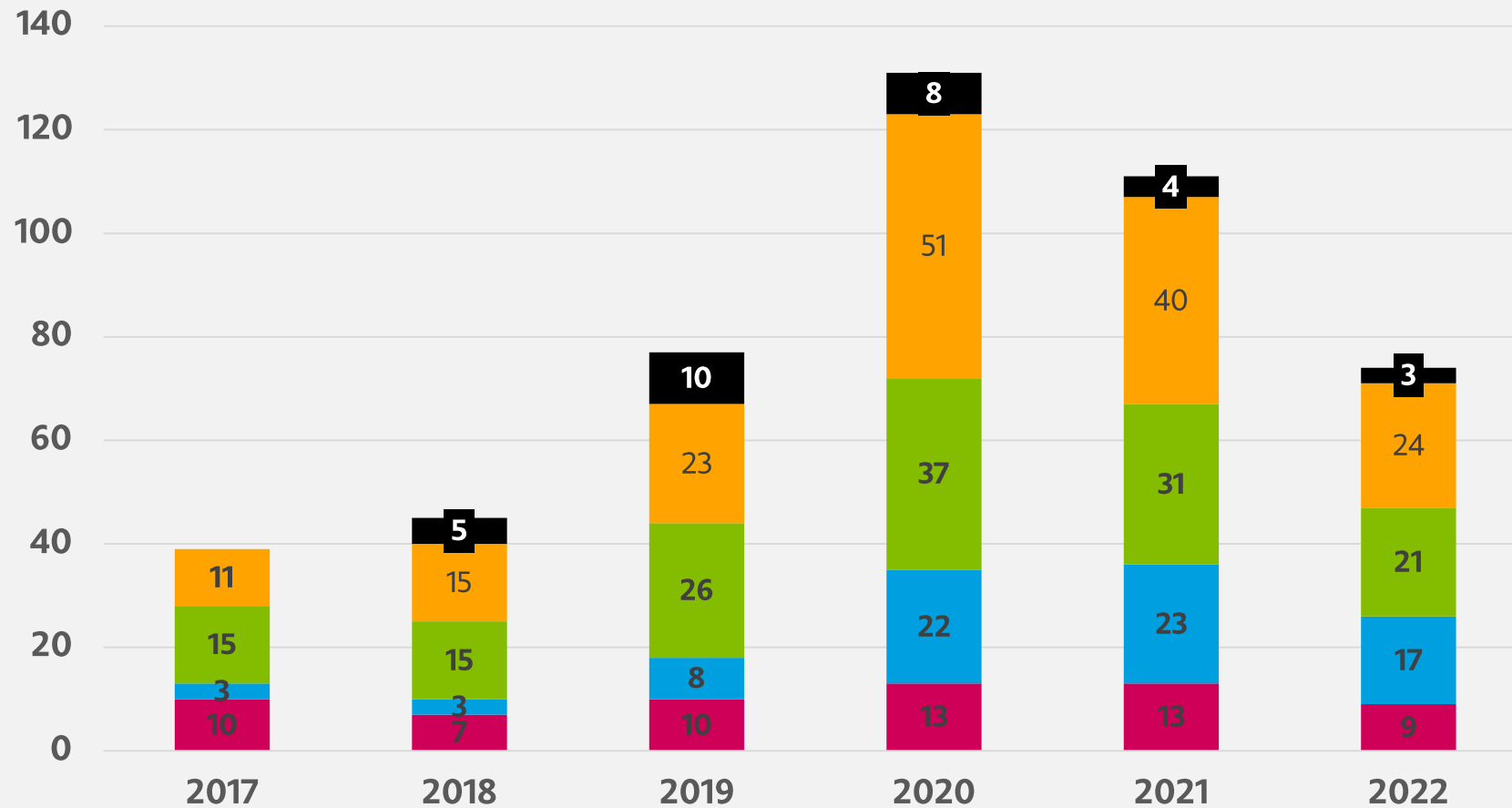
Postgraduate

- Biology and Ecology
- Toxicology



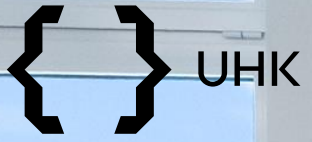
- 
- Internationalization as a cross-sectional activity
 - High importance for science and research as well as for teaching and education
 - Key element of many particular activities at the university





■ Faculty of Education
■ Philosophical Faculty
■ Rectorate

■ Faculty of Informatics and Management
■ Faculty of Science



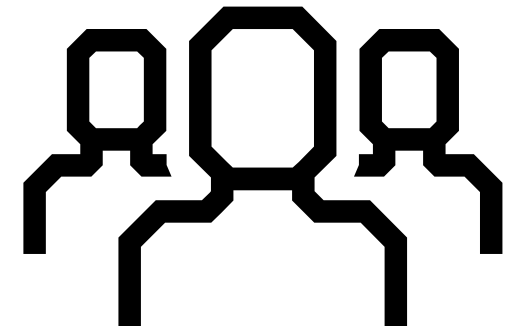
HR EXCELLENCE IN RESEARCH



Research and Development

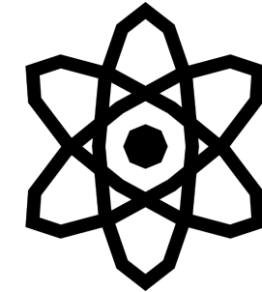
Human Resources Strategy for Researchers

- Guarantee of the European standard of care for employees
- Quality of work environment
- Transparency and openness of recruitment procedures

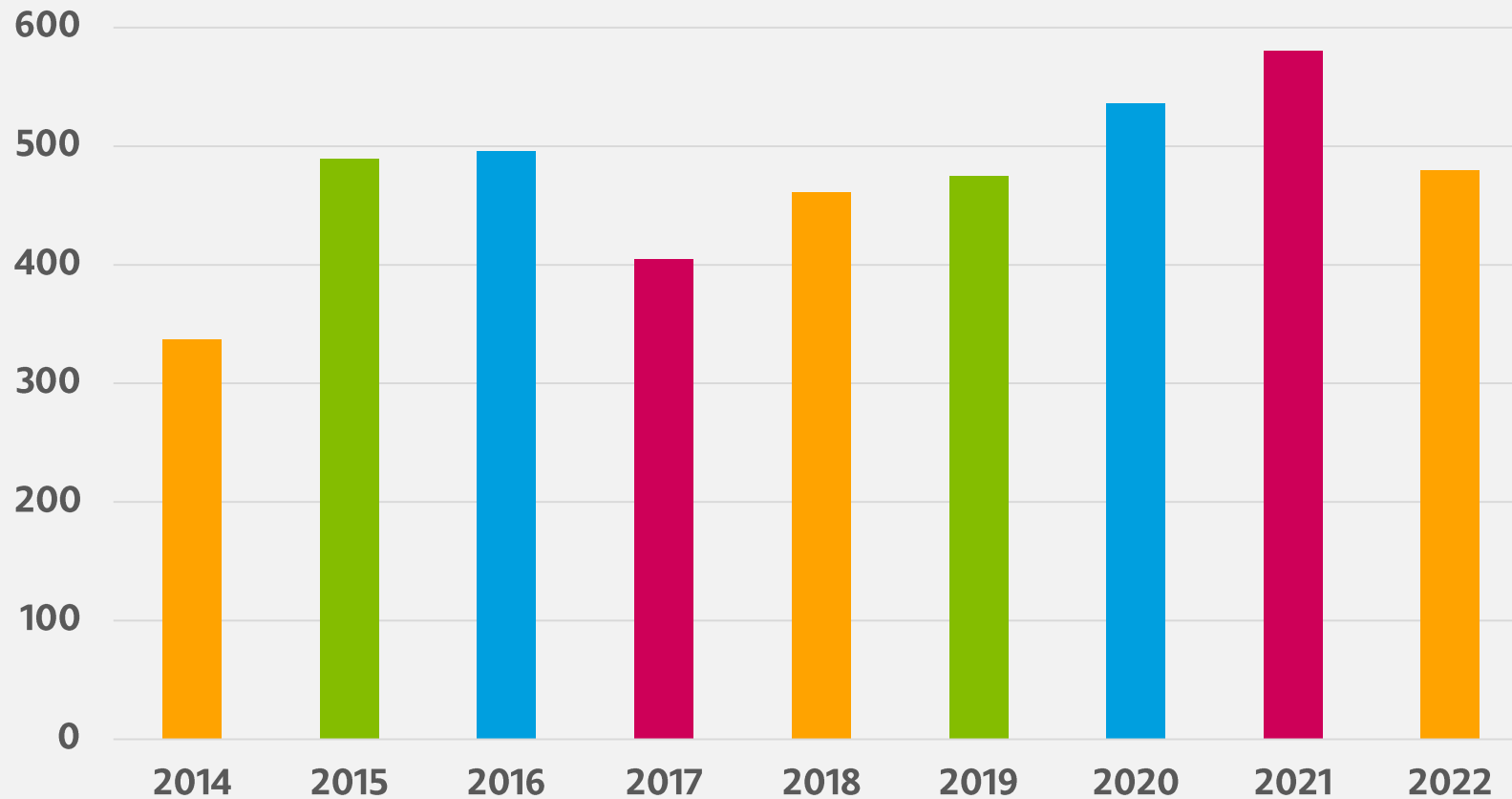


University-wide research topics

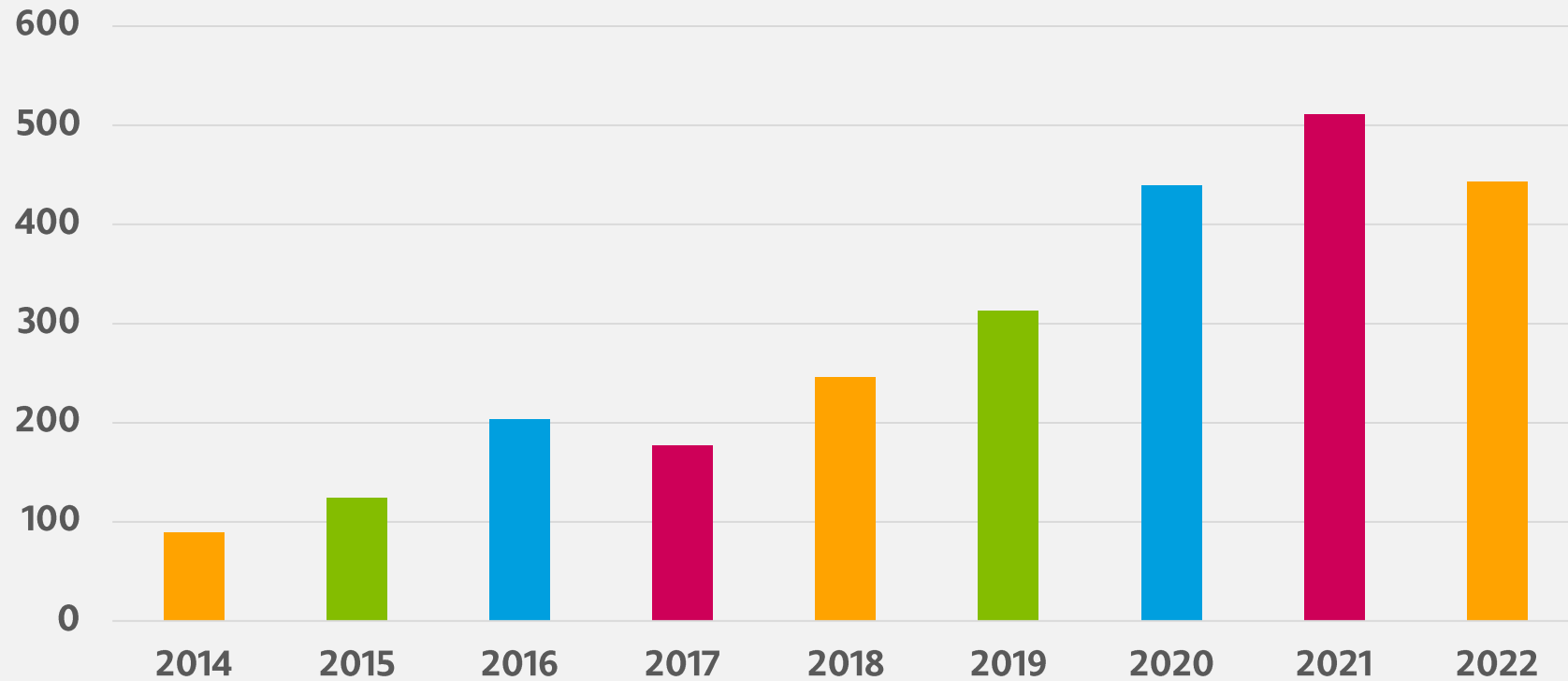
- Healthy Ageing and Quality of Life
- Security and Sustainable Development in the Digital Society
- New Challenges in Education



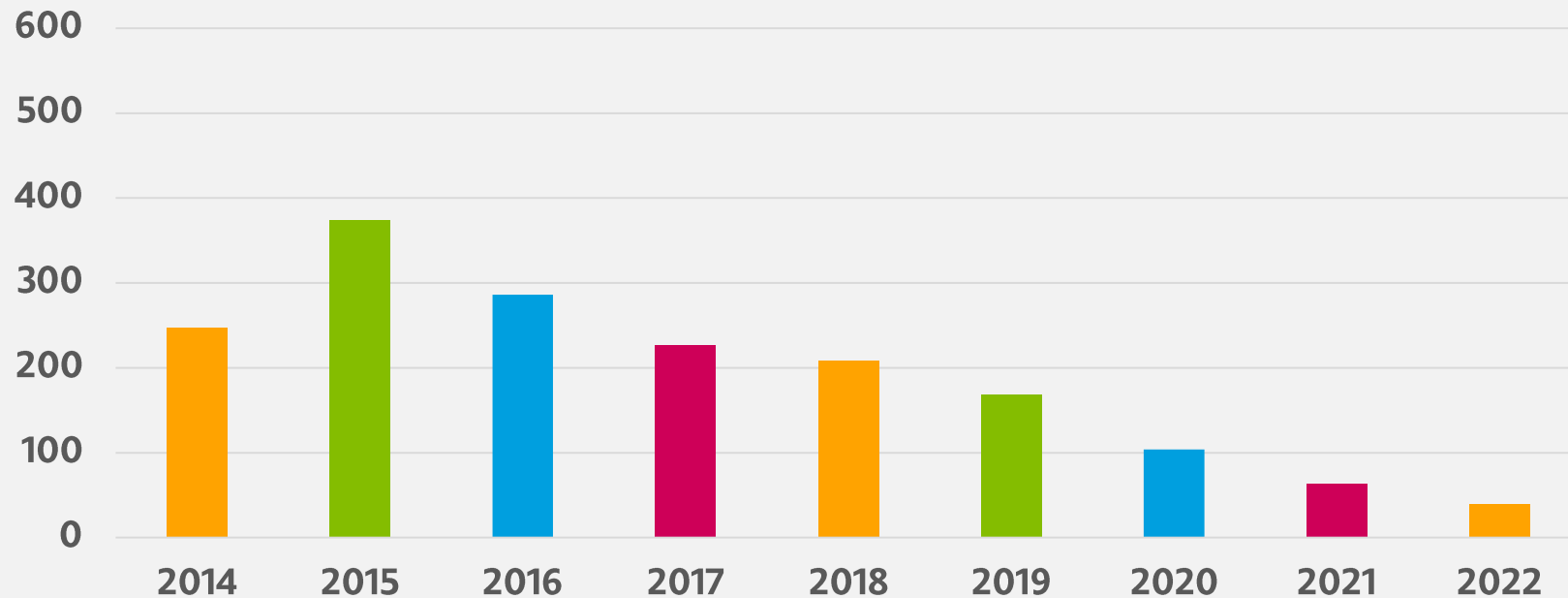
All UHK publications on the Web of Science



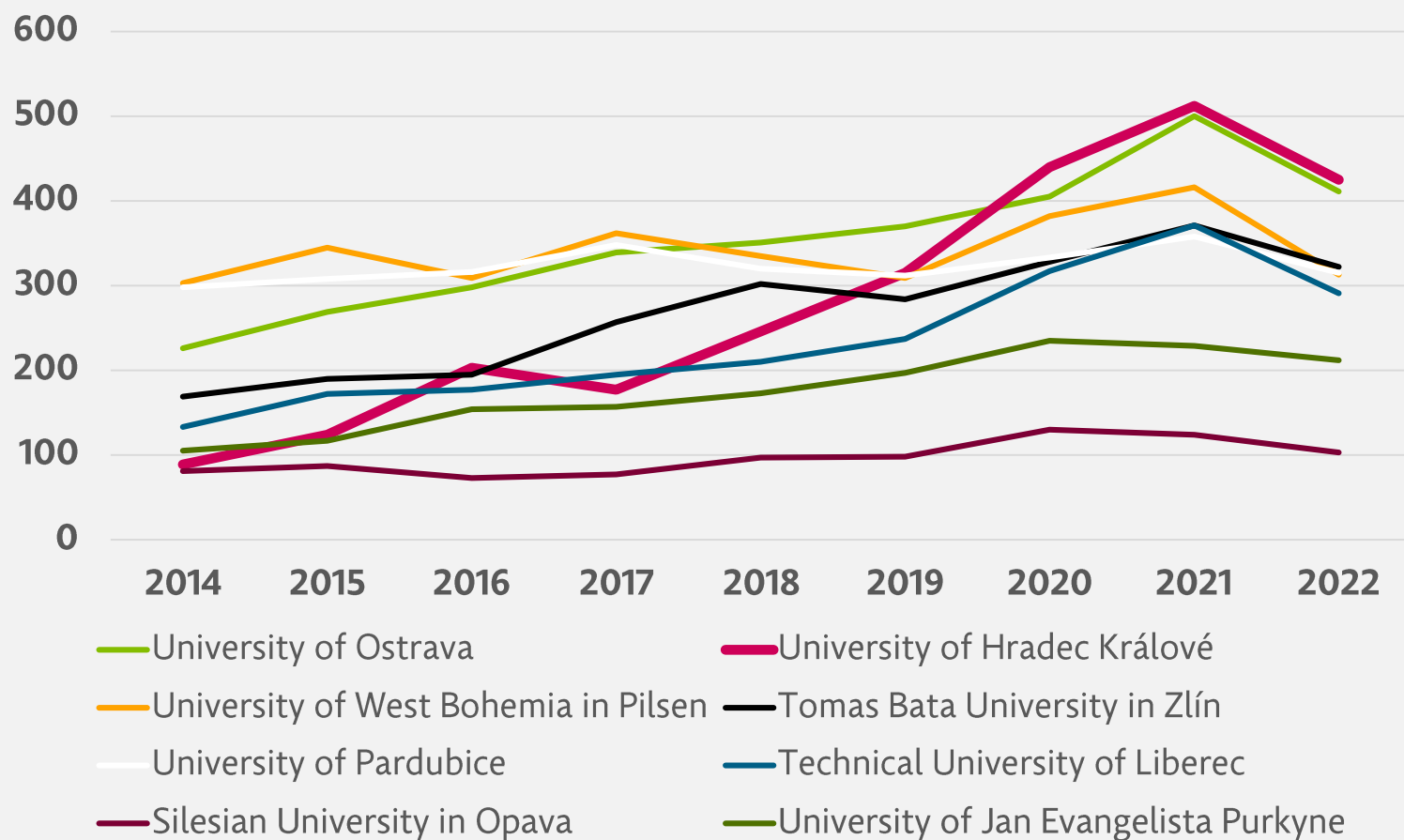
UHK publications on the Web of Science – Journal Citation Report (Article, Review, Letter)



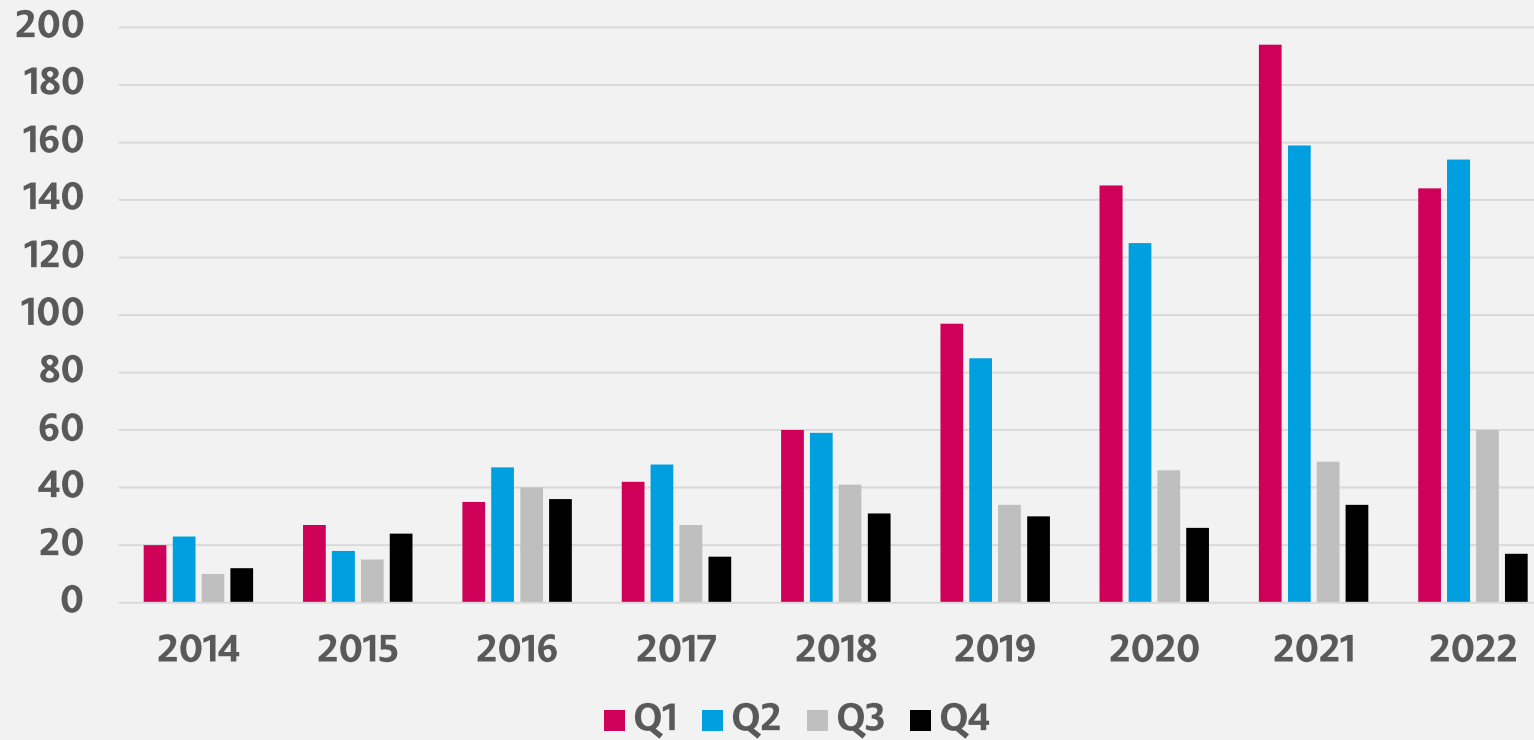
UHK publications on the Web of Science – Conference Proceedings Citation Index & Book Citation Index



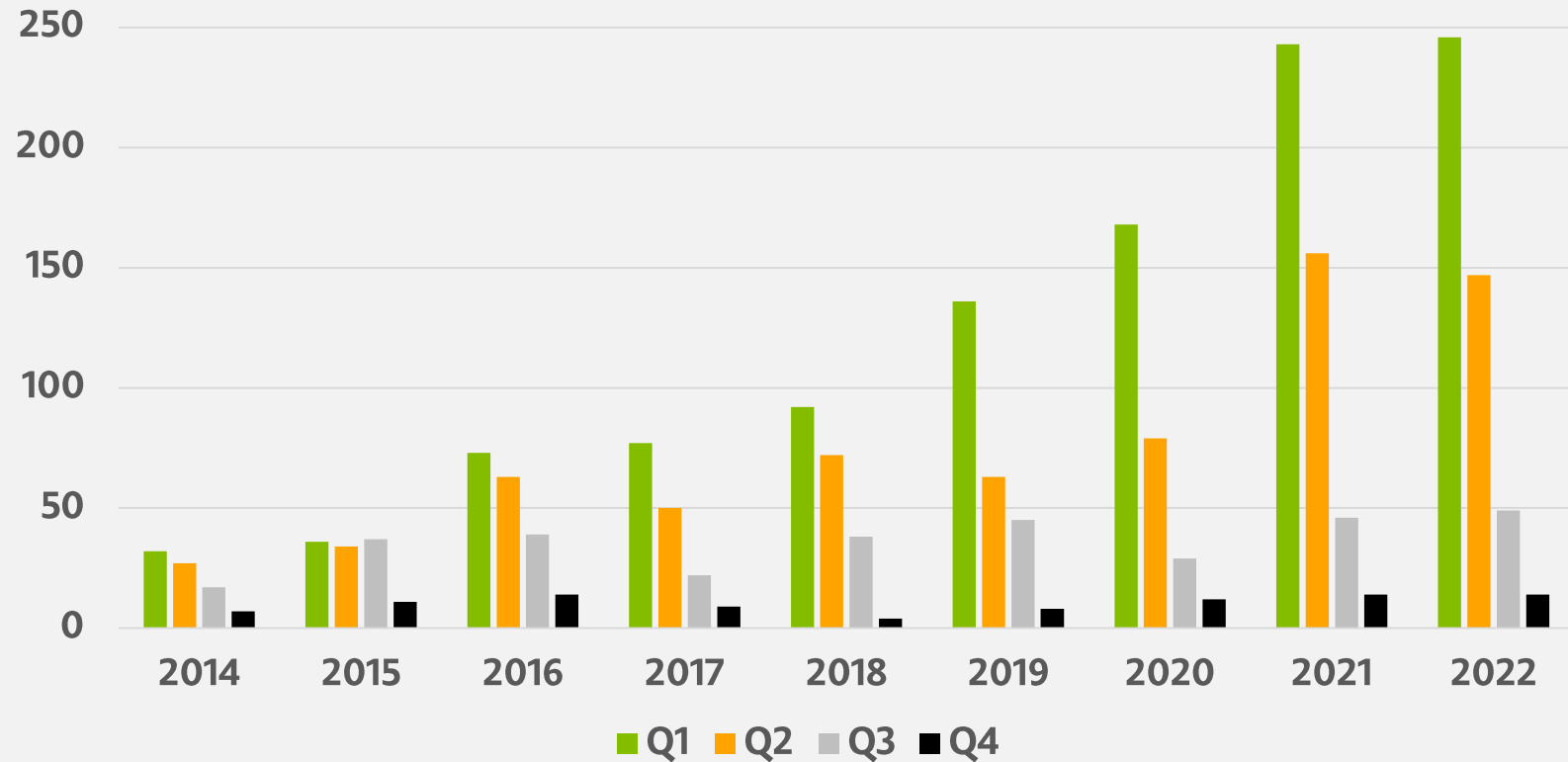
Web of Science – JCR (Article, Review, Letter)



Web of Science – JCR quartiles (Article, Review, Letter)



Scopus – SJR quartiles (Article, Review, Letter)



Position at Czech Republic Module 2 Bibllio WOS-CATS 2022

WoS Category	FORD Category	Rank in Czech Rep.
Toxicology	3.1 Basic medicine	2
Automation & Control Systems	2.2 Electrical engineering, electronic engineering, information engineering	8
Engineering, Mechanical	2.3 Mechanical engineering	8
Limnology	1.6 Biological Sciences	5
Materials Science, Textiles	2.5 Materials engineering	4
Physics, Mathematical	1.1 Mathematics	8
Mathematics	1.1 Mathematics	9
Computer Science, Cybernetics	1.2 Computer and information sciences	1
Chemistry, Medicinal	3.1 Basic medical research	8
Integrative & Complementary Medicine	3.2 Clinical medicine	2
Pharmacology & Pharmacy	3.1 Basic medical research	8

Position at Czech Republic Module 2 Bibllio WOS-CATS 2022

WoS Category	FORD Category	Rank in Czech Rep.
Anthropology	5.4 Sociology	10
Area Studies	5.7 Social and economic geography	7
Archaeology	6.1 History and archaeology	6
Art	6.4 Arts	3
Computer Science, Artificial Intelligence	1.2 Computer and information sciences	10
Computer Science, Information Systems	1.2 Computer and information sciences	9
Cultural Studies	5.9 Other social sciences	3
Education, Educational Research	5.3 Education	6
Food Science, Technology	2.11 Other engineering and technologies	5
Gerontology	3.2 Clinical medicine	5
Health Policy & Services	3.3 Health sciences	2
History	6.1 History and archaeology	4
Horticulture	4.1 Agriculture, Forestry, and Fisheries	4
Chemistry, Medicinal	3.1 Basic medicine	6
Integrative & Complementary Medicine	3.2 Clinical medicine	9
Limnology	1.6 Biological Sciences	7
Materials Science, Textiles	2.5 Materials engineering	4
Mathematics	1.1 Mathematics	8
Philosophy	6.3 Philosophy, ethics and religion	3
Physics, Mathematical	1.1 Mathematics	8
Political Science	5.6 Political science	8
Psychology	5.1 Psychology and cognitive sciences	6
Toxicology	3.1 Basic medicine	2

Position at Czech Republic Module 2 Biblio WOS-CATS 2022 – part 1

WoS Category	FORD Category	Rank in Czech Rep.
ANTHROPOLOGY	5.4 Sociology	8
AREA STUDIES	5.7 Social and economic geography	8
ARCHAEOLOGY	6.1 History and archaeology	6
ART	6.4 Arts	6
BUSINESS	5.2 Economics and business	6
COMMUNICATION	5.8 Media and communication	3
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	1.2 Computer and information sciences	10
COMPUTER SCIENCE, CYBERNETICS	1.2 Computer and information sciences	2
COMPUTER SCIENCE, INFORMATION SYSTEMS	1.2 Computer and information sciences	7
CRIMINOLOGY & PENOLOGY	5.5 Law	7
CULTURAL STUDIES	5.9 Other social sciences	4
EDUCATION & EDUCATIONAL RESEARCH	5.3 Education	6
EDUCATION, SCIENTIFIC DISCIPLINES	5.3 Education	3
ETHICS	6.3 Philosophy, ethics and religion	7
GERIATRICS & GERONTOLOGY	3.2 Clinical medicine	5
GERONTOLOGY	3.2 Clinical medicine	5
HEALTH CARE SCIENCES & SERVICES	3.3 Health sciences	5
HEALTH POLICY & SERVICES	3.3 Health sciences	5
HISTORY	6.1 History and archaeology	7
HISTORY & PHILOSOPHY OF SCIENCE	6.1 History and archaeology	5

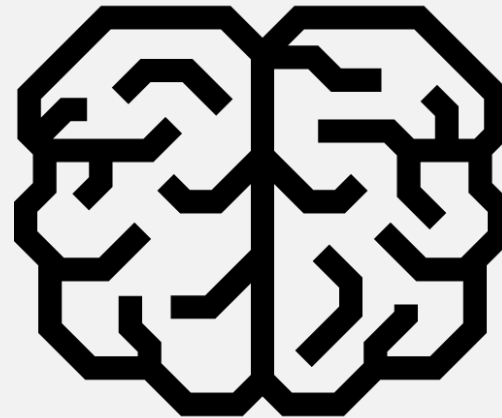
Position at Czech Republic Module 2 Biblio WOS-CATS 2022 – part 2

WoS Category	FORD Category	Rank in Czech Rep.
HORTICULTURE	4.1 Agriculture, forestry, and fisheries	8
HUMANITIES, MULTIDISCIPLINARY	6.5 Other Humanities and the Arts	9
CHEMISTRY, MEDICINAL	3.1 Basic medical research	4
INTEGRATIVE & COMPLEMENTARY MEDICINE	3.2 Clinical medicine	5
LINGUISTICS	6.2 Languages and literature	7
LITERATURE, SLAVIC	6.2 Languages and literature	5
MANAGEMENT	5.2 Economics and business	4
MATERIALS SCIENCE, TEXTILES	2.5 Materials engineering	6
MATHEMATICS	1.1 Mathematics	10
MUSIC	6.4 Arts	3
PHARMACOLOGY & PHARMACY	3.1 Basic medical research	7
PHILOSOPHY	6.3 Philosophy, ethics and religion	3
PHYSICS, MATHEMATICAL	1.1 Mathematics	7
PHYSICS, MULTIDISCIPLINARY	1.3 Physical sciences	10
PSYCHOLOGY	5.1 Psychology and cognitive sciences	9
PSYCHOLOGY, EXPERIMENTAL	5.1 Psychology and cognitive sciences	9
PSYCHOLOGY, MULTIDISCIPLINARY	5.1 Psychology and cognitive sciences	10
SOCIAL WORK	5.4 Sociology	4
SOCIOLOGY	5.4 Sociology	9
TELECOMMUNICATIONS	2.2 Electrical engineering, electronic engineering, information engineering	4
TOXICOLOGY	3.1 Basic medical research	2

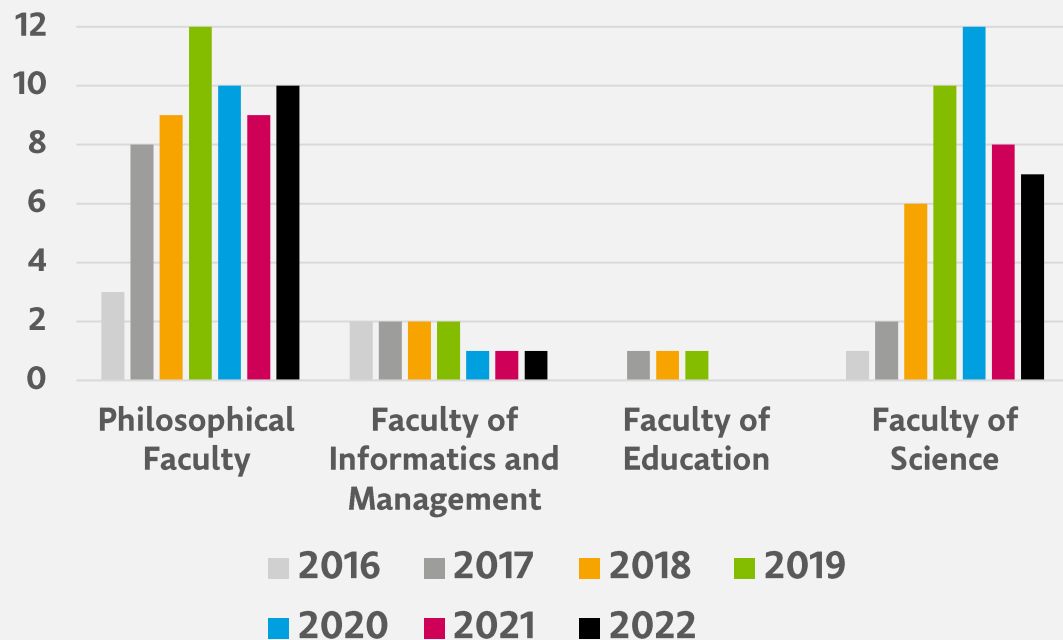
- **more than 42% in Q1 Journals (2019–2022)**
 - 29% in 2014–2018
- **more than 36% in Q2 Journals (2019–2022)**
 - 30% in 2014–2018
- **more than 17% in the 1st decile in their category**
- more than 54% in cooperation with foreign partners

External Projects

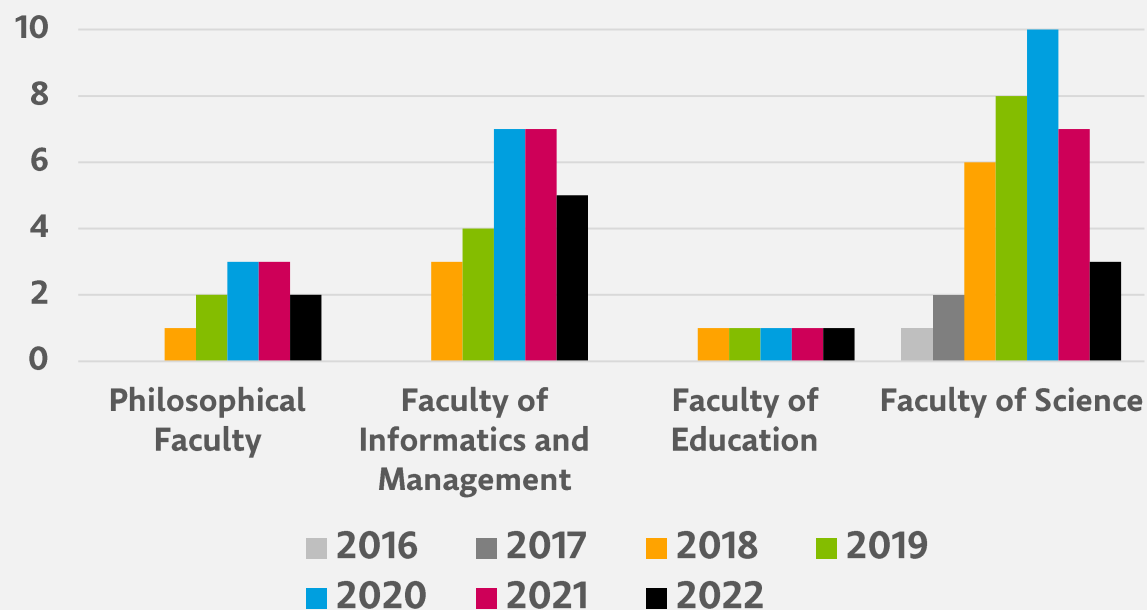
Year	2014	2015	2016	2017	2018	2019	2020	2021	2022
Amount	11	11	9	18	33	55	60	57	48



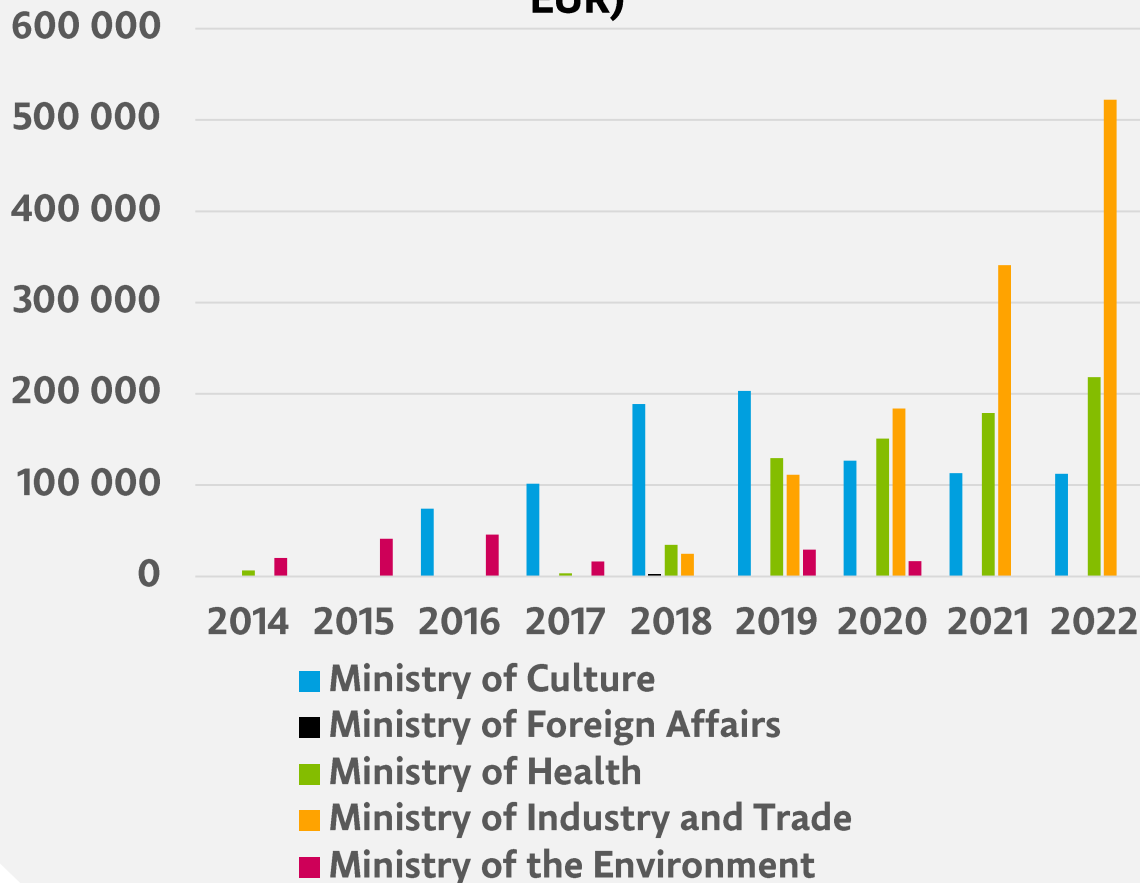
The Czech Science Foundation – number of projects by faculties



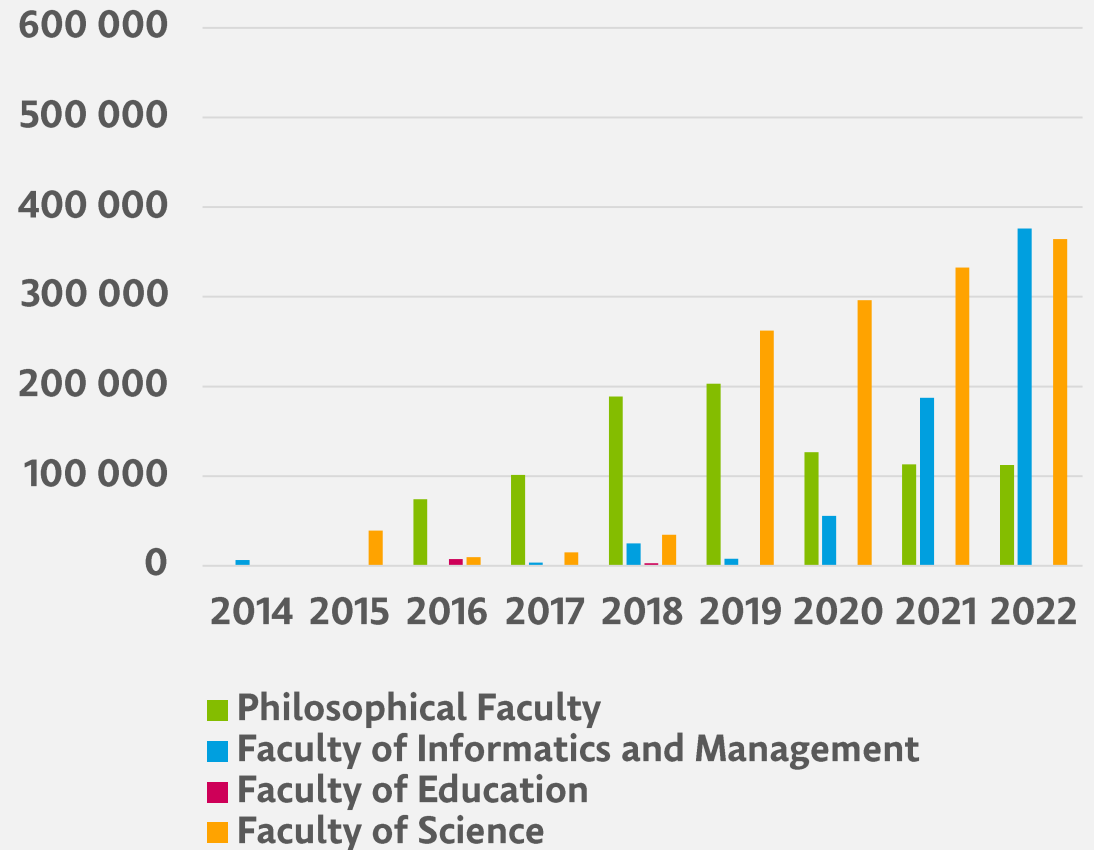
The Technology Agency of the Czech Republic – number of projects by faculties



Other projects by provider (used funds in EUR)

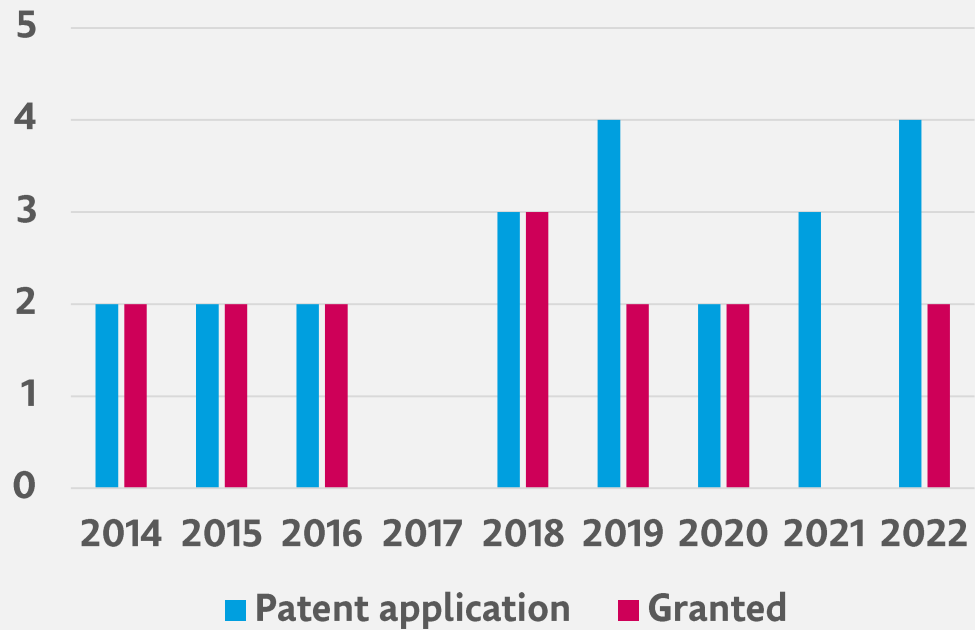


Other projects by faculties (used funds in EUR)



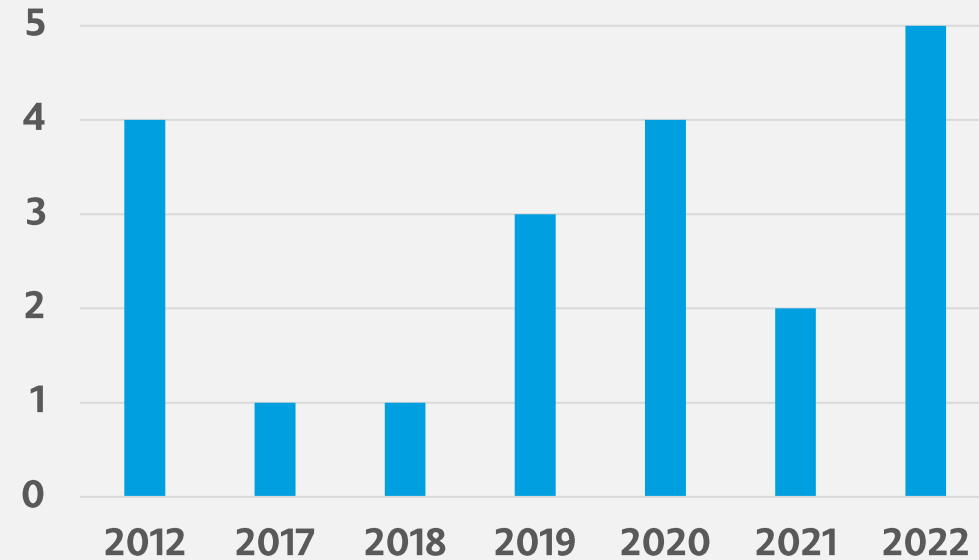
Applied Research

Patent application



Applied Research

Utility application

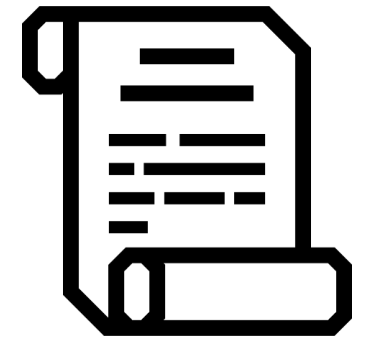


The Technology Agency of the Czech Republic (TA CR GAMA 2)

Proof of Concept 15 internal sub-projects

Applied Research – Spin Off

- 2018 Grant Detection s.r.o. (Research staff from UHK – without UHK ownership interest)
- 2019 ANUME s.r.o. (Research staff from UHK – without UHK ownership interest)





Future of University of Hradec Králové



UHK Future Targets

Increasing number of PhD students / PhD programmes

Strengthen university – industry partnership

International strategic partnerships

EU & international projects

Consistent positions in rankings

New postdoc positions

Double degree programmes

International teams / Centers



HR EXCELLENCE IN RESEARCH



uhk.cz/en