



ACADEMIC YEARBOOK

2020 / 2021

TABLE OF CONTENTS

1. A MESSAGE FROM THE RECTOR	4	7.4. FACULTY OF WATER SCIENCES	43
2. HIGHER EDUCATION IN HUNGARY	5	7.4.1. About the Faculty	43
2.1. ABOUT HUNGARIAN HIGHER EDUCATION IN GENERAL	6	7.4.2. Dean of the Faculty	43
2.2. UNIVERSITIES AND COLLEGES	6	7.4.3. Structure of the Faculty	44
2.3. DEGREE STRUCTURE	6	7.4.4. Degree Programmes	44
3. VISION, MISSION AND STRATEGY	7	8. NON-FACULTY DEPARTMENTS	45
3.1. VISION	8	8.1. EÖTVÖS JÓZSEF RESEARCH CENTRE	46
3.2. MISSION	9	8.1.1. American Studies Research Institute	46
3.3. STRATEGY	10	8.1.2. Europe Strategy Research Institute	46
4. KEY STATISTICS	14	8.1.3. Research Institute of Competitiveness and Economy	47
4.1. NUMBER OF STUDENTS (OCTOBER 2020)	15	8.1.4. Institute of the Information Society	47
4.1.1. Number of Student Applications to Ludovika-UPS BA/BSc/MA/MSc Programmes (Compared with Admitted Students)	15	8.1.5. Institute of Cyber Security	47
4.1.2. Enrolled students by type of degree	16	8.1.6. Institute of Central European Studies	48
4.1.3. Enrolled students by faculty	16	8.1.7. The Thomas Molnar Institute for Advanced Studies	48
4.1.4. Ratio of full and part-time students	16	8.1.8. Research Institute for Politics and Government	48
4.2. GRADUATES	17	8.1.9. Institute for Strategic and Defence Studies	49
4.3. LECTURERS AND RESEARCHERS	19	8.1.10. Religion and Society Research Institute	49
5. INSTITUTIONAL MILESTONES	20	8.1.11. Outer Space and Social Sciences Research Group	49
6. LEADERSHIP AND MANAGEMENT	22	8.2. OTHER CENTRAL INSTITUTIONS	50
6.1. THE ADVISORY BOARD AND THE SENATE	23	8.2.1. Institute for National Security	50
6.2. UNIVERSITY LEADERSHIP	23	8.2.2. Institute for Strategic Studies	51
6.3. ORGANISATIONAL STRUCTURE OF THE UNIVERSITY	28	8.2.3. Institute for Public Administration Further Training	52
7. FACULTIES	29	8.3. INTER-INSTITUTIONAL EDUCATION PROGRAMMES	54
7.1. FACULTY OF PUBLIC GOVERNANCE AND INTERNATIONAL STUDIES	30	8.3.1. Hungarian Diplomatic Academy	54
7.1.1. About the Faculty	30	8.3.2. Europe of Nations Career Programme	54
7.1.2. Dean of the Faculty	31	9. RESEARCH	55
7.1.3. Structure of the Faculty	31	9.1. RESEARCH HIGHLIGHTS / SCIENTIFIC ACHIEVEMENTS	58
7.1.4. Degree Programmes	32	9.2. BOOKS AND SCIENTIFIC JOURNALS	59
7.1.5. Doctoral School of Public Administration Sciences	35	9.2.1. Books in foreign languages	59
7.1.6. Jean Monnet	35	9.2.2. Scientific Journals	60
7.2. FACULTY OF MILITARY SCIENCES AND OFFICER TRAINING	35	10. LUDOVIKA CAMPUS	63
7.2.1. About the Faculty	35	10.1. HISTORY OF THE CAMPUS	64
7.2.2. Dean of the Faculty	35	10.2. CAMPUS DIRECTORATE	65
7.2.3. Structure of the Faculty	36	10.3. SPORTS AT LUDOVIKA-UPS	65
7.2.4. Degree Programmes (undergraduate)	37	10.3.1. Sport Strategy	65
7.2.5. Degree Programmes (graduate)	37	10.3.2. Sports facilities	66
7.2.6. Degree Programmes (postgraduate)	38	10.4. BAJA CAMPUS (FACULTY OF WATER SCIENCES)	66
7.2.7. Doctoral Schools	39	11. INTERNATIONAL LIFE, EDUCATION AND PARTNERSHIPS	67
7.3. FACULTY OF LAW ENFORCEMENT	39	11.1. INTERNATIONAL STRATEGY	68
7.3.1. About the Faculty	39	11.2. INTERNATIONAL DIRECTORATE	68
7.3.2. Dean of the Faculty	40	11.3. STUDY PROGRAMMES FOR INTERNATIONAL STUDENTS	69
7.3.3. Structure of the Faculty	40	11.3.1. Degree Programmes for International Students	69
7.3.4. Degree Programmes	40	11.3.2. Courses for Scholarship Exchange Students	72
7.3.5. Doctoral School of Law Enforcement	42	11.4. INTERNATIONAL PARTNERSHIPS	73
7.3.6. Institute for Disaster Management	43	11.4.1. International Projects	73
		11.5. EXCHANGE PROGRAMMES	74
		11.6. THE COVID-19 PANDEMIC AT LUDOVIKA-UPS	76
		12. THE YEAR AT A GLANCE – ACADEMIC EVENTS	77
		12.1. INTERNATIONAL EVENTS ORGANISED BY THE INTERNATIONAL DIRECTORATE	78
		12.2. INTERNATIONAL EVENTS ORGANISED BY THE FACULTY OF PUBLIC GOVERNANCE AND INTERNATIONAL STUDIES	80
		12.3. INTERNATIONAL EVENTS ORGANISED BY THE FACULTY OF MILITARY SCIENCE AND OFFICER TRAINING	81
		12.4. INTERNATIONAL EVENTS ORGANISED BY FACULTY OF LAW ENFORCEMENT	81
		12.5. INTERNATIONAL EVENTS ORGANISED BY THE FACULTY OF WATER SCIENCES	82
		12.6. INTERNATIONAL EVENTS ORGANISED BY THE EÖTVÖS JÓZSEF RESEARCH CENTRE	82

1. A MESSAGE FROM THE RECTOR



The Ludovika-University of Public Service (Ludovika-UPS) started its operation in 2012 as the key educational institute for Hungarian public service. The University preserves and continues significant traditions.

In the academic year 2020/2021, Ludovika-UPS operated with the following four faculties: the Faculty of Public Governance and International Studies, Faculty of Military Sciences and Officer Training, Faculty of Law Enforcement, and Faculty of Water Sciences. Ludovika-UPS is the central further training provider for the national public administration and manages the ongoing education system of the civil service. The University is constantly evolving in order to respond to the changing needs of the education sector. Last year marked an institutional milestone, because our Diplomat Training Programme has been launched, in cooperation with the Ministry of Foreign Affairs and Trade, as well as the Europe of Nations Career Programme (training applicants for a possible career with the EU), in cooperation with the Ministry of Justice. As of today, Ludovika-UPS has four doctoral schools and a dedicated research hub, the Eötvös József Research Centre, to maintain and develop high-level scientific work and discussion in order to become a leading source of knowledge in the region.

The renewed educational portfolio of Ludovika-UPS reflects the contemporary challenges of social, economic and security issues affecting the public sector. Ludovika-UPS is a leading knowledge source in the fields of public governance, diplomacy, security

and the military, law enforcement and water management. A comprehensive approach towards each of these disciplines enables us to explore the latest advancements in public service science. The University plays a key role in enhancing the foundation of the science of public governance and state. In addition to providing a synthesis of political, legal, social, economic and management research, the science of public governance and state offers a framework in which the traditional scientific approach is in line with complex values such as competitiveness, sustainable democracy and the rule of law. The educational and research performance of Ludovika-UPS has made an important contribution to the modernisation of Hungarian public service and hence to the integration processes at European and international levels. Ludovika-UPS successfully introduced a new comprehensive and career-based training system for public servants. That is a way towards building one of the most professional knowledge-transfer programmes between European public services. Our commitment to research excellence is an investment in the future of our region. Meanwhile, Ludovika-UPS has been strengthening its academic portfolio at the international level.

The grand opening of the newly-constructed Ludovika Campus and the renewed Orczy Park, located in the heart of Budapest, took place in 2018. The Ludovika Campus has 26 hectares of green space, providing a great environment for getting away from the city noise. It is also a great place for those who seek active recreation, as the campus provides a wide choice of indoor and outdoor sports facilities. The park offers cultural events and various leisure activities for students as well as for the general public. The renovated historical facilities and the new Educational Centre bear the infrastructural qualities of a leading European university.

In the academic year of 2020/2021, several remarkable achievements have been reached at Ludovika-UPS, and we managed to maintain our level of work despite the Covid-19 pandemic. While we are proud of these achievements, there is much more to improve on in the 2021/2022 academic year. We are looking forward to advancing our joint projects with domestic and international partners by maintaining our traditional academic events and programmes and opening the doors for further cooperation in joint research, training and education.

I would like to extend our sincere thanks to all members of our academic and administrative staff and our students, national and international partners for their invaluable support and contribution to the successes of this academic year. I am convinced that these achievements and their future impact on public service development will be beneficial, not only for us as an institution but also for an ever-growing community of citizens.

Dr. András Koltay
Rector

2. HIGHER EDUCATION IN HUNGARY



2.1. ABOUT HUNGARIAN HIGHER EDUCATION IN GENERAL

Hungarian higher education has a long history, dating back to the 14th century. The country's first university was founded in 1367 in Pécs, around the same time as other central European universities, such as those in Prague, Krakow and Vienna. Due to the expansion of higher education in the last two decades, both the number of enrolled students and the capacity of the institutions have increased considerably. From 1990 to 2010, the population of students in higher education more than quadrupled, from 90,000 to around 400,000.

Hungary, together with 48 other European countries, participates in the Bologna process, in which the member states voluntarily undertook to coordinate their higher education systems. The Bologna process has brought unprecedented changes in European higher education and has fundamentally defined the recent history of Hungarian higher education.

As a result of the independent intergovernmental process launched in 1999, the higher education systems of each country have become (or will become) part of a large European system, the European Higher Education Area. The three main directives of the unified structure are the introduction of a similarly structured multi-cycle education system, the creation of a credit system to ensure the mutual recognition of learning periods and qualifications, and the promotion of mobility between institutes of higher education and countries.

2.2. UNIVERSITIES AND COLLEGES

Today there are 63 higher education institutions (HEIs) in Hungary that are recognised and accredited by the state – including state, church and private universities and colleges. Of the 63 institutions, there are 14 state (public) universities, 14 non-state (private) universities, 4 state (public) universities of applied sciences, 6 non-state (private) universities of applied sciences, 1 state (public) college of education and 24 non-state (private) colleges of education. All Hungarian universities are located either in the capital or in traditional university towns, each of which boasts a lively and extremely diverse multicultural or international student life. This makes Hungary a magnificent destination for students in higher education.

2.3. DEGREE STRUCTURE

In accordance with the common European higher education principles, Hungary introduced the three-cycle degree structure in 2006 (BA/BSc, MA/MSc, PhD/DLA). Within the framework of this multi-cycle system, BA/BSc courses lead to a first degree, whereas master-level courses require a first degree as part of their admission criteria. There are a few fields of tertiary education (e.g. law and medical studies) where undivided long courses have remained the standard form of study (10 to 12 semesters) leading to a first degree, which is equivalent to an MA/MSc. All BA and MA degrees allow easier access to the labour market. In addition to full degree courses, HEIs also offer shorter courses, such as summer schools and partial training.



3. VISION, MISSION, STRATEGY

3.1. VISION

Ludovika-University of Public Service (hereinafter 'Ludovika-UPS') is one of the best and most attractive universities in Hungary, a stable educational and research base for the development of the Hungarian public service and for a career in public service, and is a committed supporter of Hungarian-speaking higher education in Hungary and abroad. In alliance with several leading universities in Europe and worldwide, it is an active member of various international higher education and research networks.

Ludovika-UPS is a model for effective cooperation to support social and employer needs, as well as of university autonomy. Cooperation is a value; a special kind that is created by the collaborative work of these stakeholders. Their work is for the sake of the University and thus for the sake of public service.

University autonomy is not self-serving; it is not an absolute value but a responsibility to work towards strategic social and economic goals and contribute to their improvement. These public goals are set by stakeholders, reflecting the needs of state organisations, public service employees, students, teachers and researchers. Ludovika-UPS is a special 'competitor' in higher education, dedicating a huge proportion of its autonomy – compared

to other institutes of higher education – to serving and developing governance and state. Ludovika-UPS is undertaking tremendous tasks related to the undergraduate, graduate and continuing education of civil servants; as such, therefore serving public needs is fundamental to the university's own autonomous interests.

Ludovika-UPS intends to become the best and most attractive university in Hungary by strengthening its teaching and research capacities. We do not consider it a disadvantage that Ludovika-UPS has to compete in the research field with a significant level of non-higher education types of public service tasks, such as the career-related continuing education of civil and public servants, military and police officials. Our participation in these kinds of activities is considered in our favour in the competition for national and EU funds, enabling us to strengthen our teaching and research capacities further.

Ludovika-UPS aims to be the best at national and international educational and research cooperation. We believe that being a successful co-operator is a more decisive success factor than being a successful competitor, and we believe that the future belongs to successful co-operators in higher education.

3.2. MISSION

The mission of Ludovika-UPS, in the intersection of the public service profession and academia, is to serve as an effective educational and academic base for state-building and public service development. Through its educational and further training programmes, Ludovika-UPS supports the development of highly trained and efficient personnel in the fields of public administration, law enforcement, defence and other areas of public service. Ludovika-UPS defines its mission at the national, regional, European and global level.

The national dimension of Ludovika-UPS's mission comprises strengthening the Hungarian State and the education and research-based establishment of public service.

The "science of public governance and state" (that is, research on the state based on a comprehensive, multidisciplinary, comparative and applicable approach) serves as the centrepiece of Ludovika-UPS's academic mission.

The fundamental values of public service – the ethos of public interest, the demand for integrity and efficient operation – overarch countries and cultures. The objective of Ludovika-UPS is to improve the value-system of public service through research and education thus strengthening the confidence of social and economic actors in the public sector.

At regional level, the focus of Ludovika-UPS is twofold. On the one hand, the national policy mission

of the University includes establishing of cross-border relations and providing support for Hungarian higher education institutions in neighbouring countries. Accordingly, enhancing the strategic cooperation with Hungarian-language institutions Slovakia, Ukraine, Romania and Serbia is a priority for the University.

At the European level, top priorities include enhancing student and staff mobility and strengthening inter-institutional relations through joint research. Europe is a community of values in higher education and university traditions, and is a common area of higher education. In accordance with the Europe 2020 strategy, the international mobility of students, staff members, and researchers shall be increased and facilitated, while institutional relations need to be strengthened through joint training and research programmes.

Regarding the global level, Ludovika-UPS has to determine its international strategy based on the solid foundations of its national and European cultural identity. It has to synchronise Euro-Atlantic orientation with the values of eastern and southern partnerships. The common issues of higher education include the autonomy of universities, ethics of science and the role of public service and state-building in the establishment of peace and security. As a member of the International Association of Universities (IAU), the University has to play an active role in universities' international dialogue.

FOR THE FUTURE OF OUR STUDENTS, where the University mentors and orients creative, educated young people with community-building ambitions who want to learn and new generations who respect national values, embrace the values of solidarity and cooperation and take responsibility for the future, to build Hungary and Europe using their best knowledge.

FOR THE FUTURE OF OUR EMPLOYEES, where the University provides a motivating environment in which its employees are committed to serving the goals of the University through the continuous development of their knowledge, a predictable vision and in line with their ambitions.

FOR THE FUTURE OF PUBLIC SERVICE WORKERS, where the University provides support, encouragement and knowledge to the corps of administrators and officers who chose the service of the Hungarian nation and the protection of the country as a vocation above all.

FOR THE FUTURE OF HUNGARY AND THE HUNGARIAN NATION, where the University reinforces the protection of Hungarian national identity and its cultural heritage, the population retention power of the country and national competitiveness.

FOR THE FUTURE OF EUROPE, where the University promotes the construction of a Europe of nations, respect for Christian values and the cultural traditions of other nations, tolerance, and the protection of individual freedom and human dignity.

FOR THE FUTURE OF SCIENCE AND CULTURE, where the University builds bridges and a community of values between science without borders, social development, sustainability and national cultures.

FOR THE FUTURE OF HUMANITY, where the University supports the security of social coexistence and well-being. Due to its understanding of the challenges of accelerating ecological changes and technological transformation, and analysing their regional and global impacts, it considers research and education in the fields of social innovation, environmental sustainability and security technology as a strategic goal.



3.3. STRATEGY

In the spirit of Article X of the Fundamental Law of Hungary, Ludovika-UPS is an institution based on the freedom of scientific research, learning and teaching. The University sees education and research as a service: to contribute to the common goals of European integration and the cause of international peace, security and solidarity through the development of Hungarian public service.

The intention to build good governance and committed officials, thus enabling the state to respond to the challenges of the 21st century by means of science and education, is at the heart of Ludovika-UPS's strategy.

To fulfil its mission, Ludovika-UPS strives to:

- provide public service-oriented training for young adults, in combination with modern and comprehensive knowledge based on solid moral values;
- participate in the further training of civil servants and public administration executives;
- be successful in public service development 2020;
- provide outstanding education and training;
- conduct successful research;
- follow high-quality international standards using state-of-the-art infrastructure and services;
- maintain sound institutional functioning embedded in a culture of quality and excellence.

The strategic environment and challenges of Ludovika-UPS can be interpreted in the space of domestic higher education and research, domestic public service, international higher education and research, and international public service relations.



STRATEGY 2020-2025

The Institutional Development Plan (IDP) is a common set of university development goals set by the maintaining Minister and the university strategies and development plans that serve them, as adopted by the University Senate in June 2020.

Our University's strategy from 2020 to 2025 identifies the main directions, goals and principles along which the organisation is consciously developing. By this, the University will be able to respond to the narrower and wider environmental changes, and, as a learning organisation, possess the ability to give good, agile and reasonably safe responses to these changes.

The strategy is entitled "The University of a Secure Future", indicating that although we are experiencing a continuum of global and local social and environmental changes, we intend, based on the best traditions of the European university ideal, to operate as a predictable, stable and sustainable place of education and research in the future as well.

A secure future is inconceivable without a balance between continuous innovation and tradition, which is why our strategy breaks with traditional strategic thinking while retaining and acknowledging its importance. It intends to inspire all university citizens to think and act together to strengthen the performance of the university community and the university organisations in a renewed way, both in terms of form and content. Our strategy does not contain tasks in the classical sense but identifies nearly 250 development actions that will support the strategic goals of at least one of four main strategic directions, to which it assigns target indicators.

Main strategic objectives for the period 2020-2025:

- A Hungarian and European University, known worldwide
- Balanced geostrategy in its institutional partnerships
- Agile international science diplomacy
- All lecturers and every third student take part in international mobility
- Vibrant international life on campuses
- Bachelor's, Master's, and joint courses in foreign languages, postgraduate programmes, summer universities
- Listed in the top 500-1000 in international rankings
- Winning the title of "European University" of the EU Commission

STRATEGIC DIRECTIONS

In the developed world, there is a paradigm shift in strategic planning. Methods based on strategic planning are operating with less and less efficiency, especially medium- and long-term planning. This is explained by the fact that the social, economic, and technological environment of large organisations is changing at an accelerating pace and it has to cope with greater uncertainty and complexity. Nevertheless, all organisations need to plan but, in addition to making plans, there is an increasing emphasis on the ability of an organisation's leadership and management to make decisions quickly and intelligently and become effective (agile) in response to changes in the operating environment.

In addition to defining strategic directions, aspects of agile/effective management and decision-making skills, as well as fast and efficient management development, are becoming increasingly important.

Present and future national governance and state-building are facing increasingly serious challenges. New forms of regional and global risks are emerging. Planning, change management, digitalization, and greater complexity require increasingly complex leadership skills and determination. Governance and managerial work cannot be continued using the old approach and methods. The participants in our degree programmes and training courses prepare for the governmental and administrative tasks of the future by learning from each other and for each other, with the help of the most recognised experts.

Strategic directions:

- Education strategy*
- Research and development strategy*
- Strengthening community (organisational) performance*
- Individual performance principle*

Education strategy

The education strategy aims to update how a traditional university education is practiced with a pedagogical shift, as a result of which education will focus on the effective development of student skills, mentoring individual learning pathways and creating and maintaining creative learning communities based on the personal element. To achieve this desired pedagogical turn, the strategy includes a Creative Learning Programme, the main emphases of which are to help individual development and community learning and work. In addition to the change in pedagogy as a change of the intellectual force field, the programme puts emphasis on renewing the training content and methodology based on learning outcomes, the technological development of the learning environment and the development of digital technology.

Research and development strategy

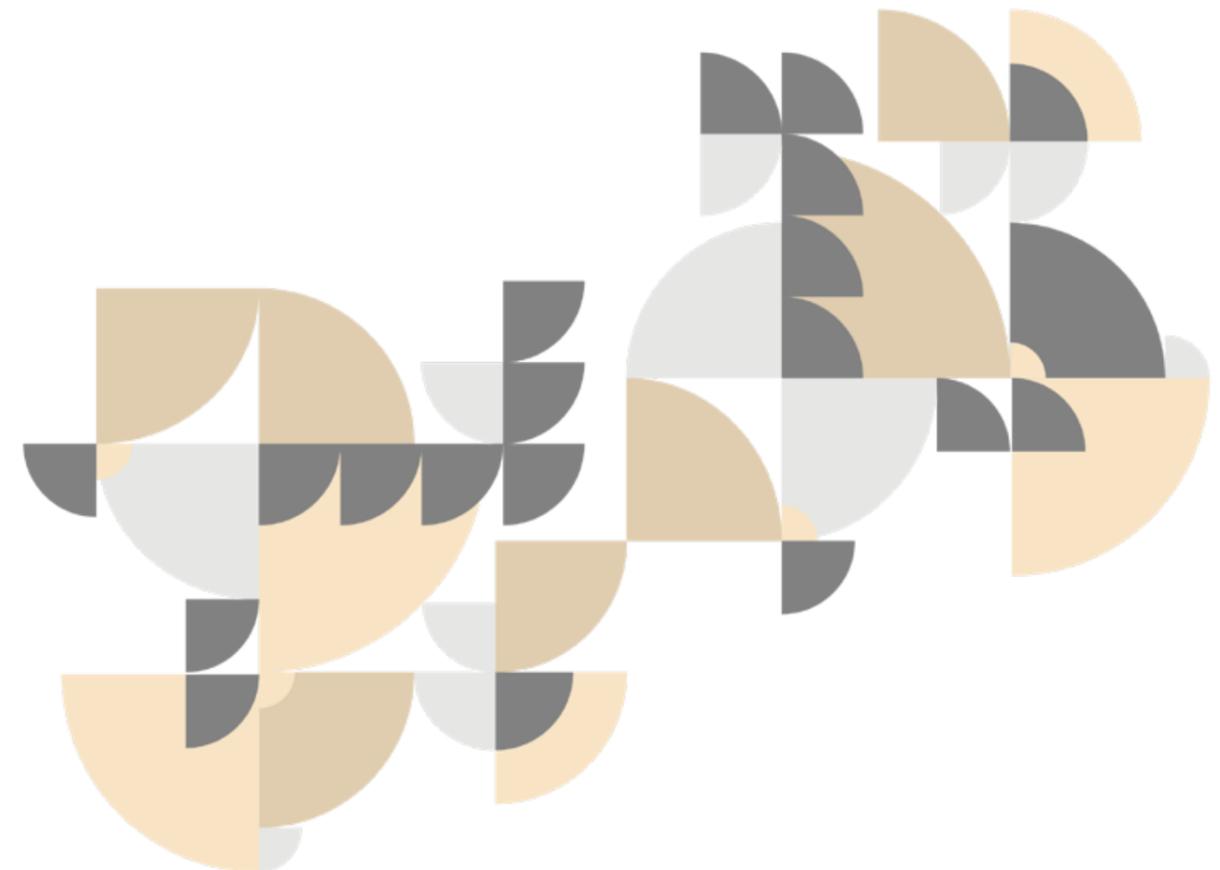
The basic pillars of the research and development strategy identify the research directions that are organically in line with the University's national and global mission, and also serve the University's educational content development using the scientific results created in these directions. The classic institutionalised forms of university research are doctoral schools, but research and innovation are of paramount importance for all university citizens and organisations. Improving the quality of research in terms of methodology and content is of key importance for the international visibility of the University. International visibility can provide the basis for student and faculty collaborations that can ensure the University's embeddedness in the national and global academic community.

Strengthening community (organisational) performance

The third main direction of the strategy is the strengthening of community (organizational) performance. With this direction, the strategy also declares that it is a cooperating community that can create a safe environment. Under the concept of community performance, the strategy presents the already mentioned teaching and research directions from the context of the organisation. The aim of the educational renewal is to strengthen our educational competitiveness; that is, to ensure that more and more students and teachers choose our university. Also, the educational renewal aims for the university to discover talented students and nurture their creative work, not only within the organised frameworks of colleges for advanced studies, but throughout the whole educational process. The task of talent promotion is key for the renewal of the scientific capacity of our University and to ensure the reserves for our teaching activities. Community achievement in this sense contributes to the growth of our research and innovation potential and our scientific and cultural reputation, as well as efficient operation and management. In our age, these results are inconceivable without digitalization, so the digitalization of education, research, and operation will comprehensively contribute to increasing the community performance of the University.

Individual performance principle

No organisation, and in particular no university, can achieve its community / organisational goals without the performance of the individuals who make up the community. That is why the individual performance principle is included in the directions of the strategy. It assigns competencies to the most important job groups. The measurement and evaluation of competencies serves as the basis for performance evaluation at the University. The development of individual competencies, or support for their development, is in the basic interest of our university community. The support of individual learning within organised or informal frameworks will continue to be an important activity of the internal training at Ludovika-UPS in the future as well.



4. KEY STATISTICS

Faculties:

- Faculty of Military Sciences and Officer Training (FMSOT)
- Faculty of Public Governance and International Studies (FPGIS)
- Faculty of Law Enforcement (FLE)
- Faculty of Water Sciences (FWS)

Education Programmes:

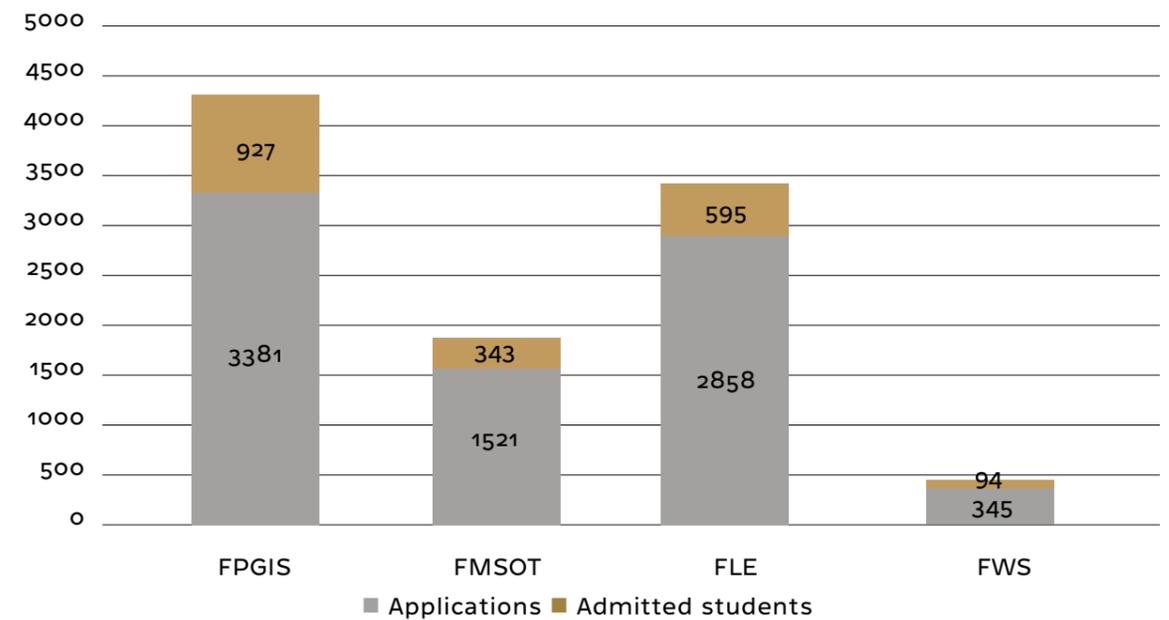
- Bachelor's Programme (BA/BSc)
- Undivided Programme (U)
- Master's Programme (MA/MSc)
- Specialised courses (SC)
- Doctoral Programme (PhD)

4.1. NUMBER OF STUDENTS (OCTOBER 2020)

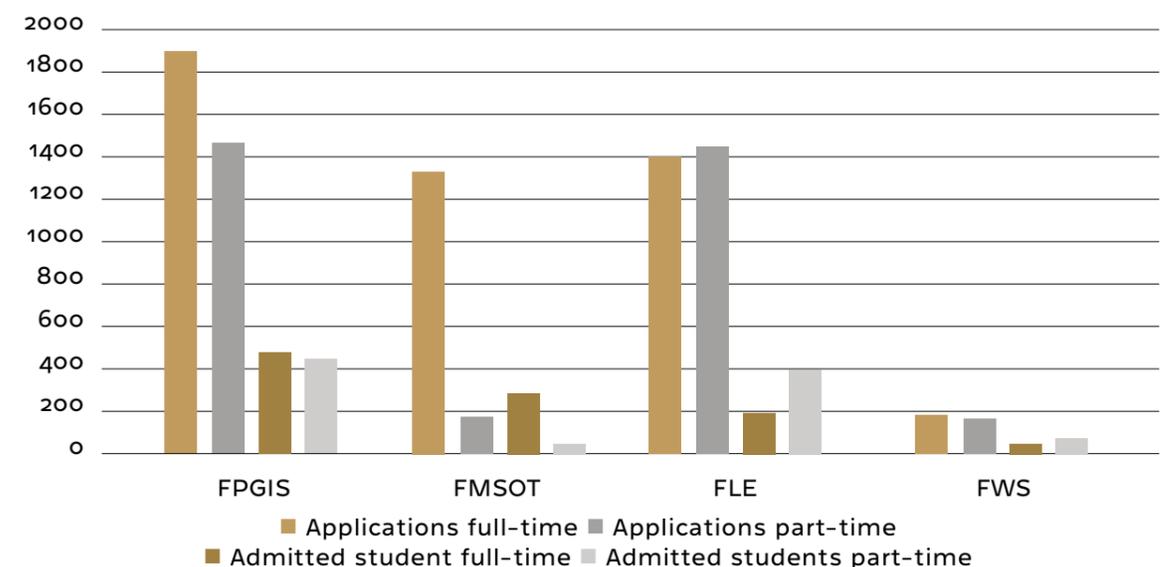
4.1.1. NUMBER OF STUDENT APPLICATIONS TO LUDOVIKA-UPS BA/BSC/MA/MSC PROGRAMMES (COMPARED WITH ADMITTED STUDENTS)

Total number of applications in the academic year 2020/2021: 8105

Total number of admitted students in the academic year 2020/2021: 1959



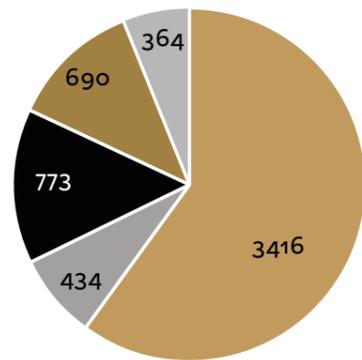
Part-Time & Full-Time Applications & Admissions



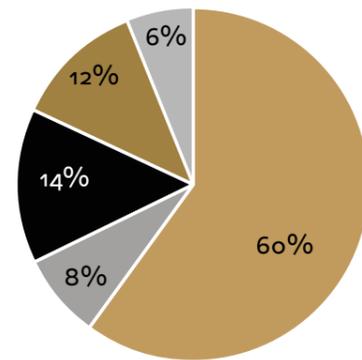
4.1.2. ENROLLED STUDENTS BY TYPE OF DEGREE

Total number of enrolled students in the academic year 2020/2021: 5727

Number of enrolled students according to the education (person)



Distribution of enrolled students according to the education (person)



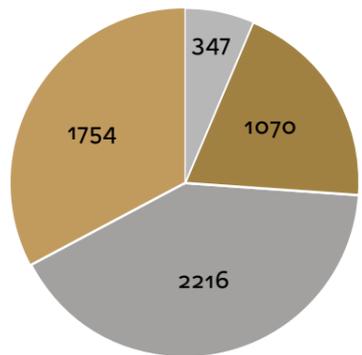
■ BA/BSc ■ U ■ MA/MSc ■ SC ■ PhD

■ BA/BSc ■ U ■ MA/MSc ■ SC ■ PhD

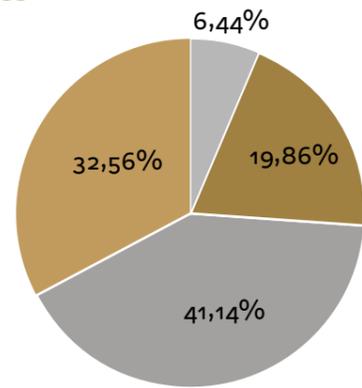
4.1.3. ENROLLED STUDENTS BY FACULTY

Total number of enrolled students in the academic year 2020/2021: 5727

Number of Enrolled Students According to Faculties



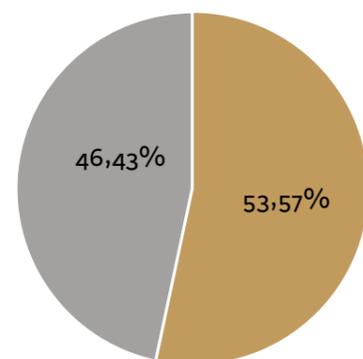
Distribution of Enrolled Students According to Faculties



■ RTK (FLE) ■ ANTK (FPGIS)
■ HHK (FMSOT) ■ VTK (FWS)

■ RTK (FLE) ■ ANTK (FPGIS)
■ HHK (FMSOT) ■ VTK (FWS)

4.1.4. RATIO OF FULL AND PART-TIME STUDENTS



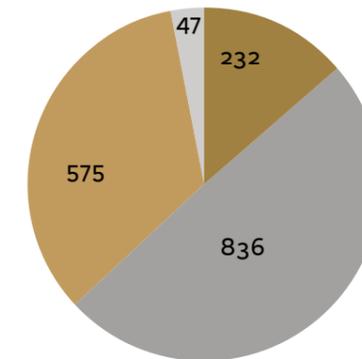
■ Full Time ■ Part Time

Number of full-time and part-time students by degree type and faculty											
	BA/BSc		MA/MSc		Undivided		Specialized courses		PhD		Total
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	
FMSOT	663	3	75	70	0	0	13	20	46	170	1060
FPGIS	610	303	227	339	395	173	0	386	46	49	2528
FLE	631	706	0	239	0	0	0	126	11	41	1754
FWS	140	148	1	18	0	0	0	40	0	0	347

4.2. GRADUATES

In 2020/2021 1690 students graduated at the University in total.

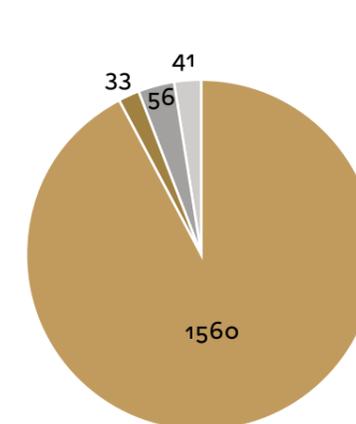
Total number of graduates (August 2021): 1690



■ FLE ■ FPGIS ■ FMSOT ■ FWS

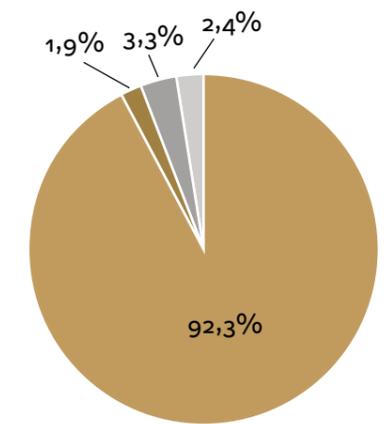
Number and distribution of graduates according to the field of science:

Number of graduates according to the field of science



■ Political Science ■ Economic Science
■ Technical Science ■ Social Science

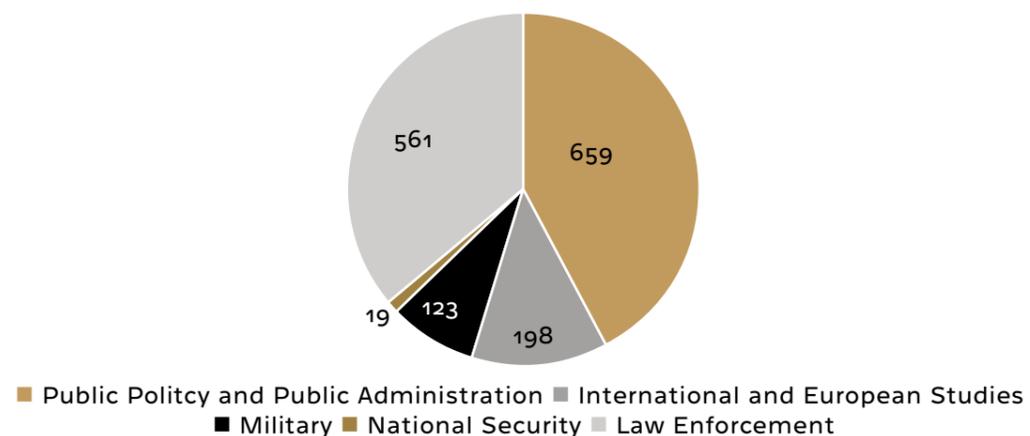
Distribution of graduates according to the field of science



■ Political Science ■ Economic Science
■ Technical Science ■ Social Science

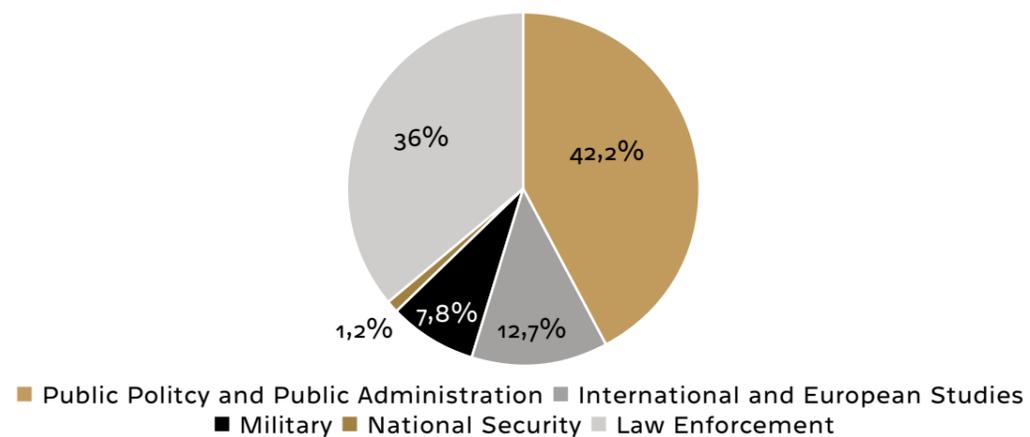
Number and distribution of graduates in Political Sciences according to training branches
 Total number of graduates in Political Sciences (August 2021): 1560

Number of graduates in Political Sciences according to training branches



Number and distribution of graduates at Political Sciences according to training branches
 Total number of graduates in Political Sciences (July 2020): 1352

Distribution of graduates in Political Sciences according to training branches



4.3 LECTURERS AND RESEARCHERS

Description	2020	2021	2020/2021 1st semester 01.09.2020.-31.01.2021.	2020/2021 2nd semester 01.02.2021.- 06.30.2021
Number of PhD degrees awarded by Ludovika-UPS	11	20	8	20
Number of PhD students admitted and awarded a title	103	78	See data for 2020 and 2021.	See data for 2020 and 2021.
Independent citation index of academic staff (average per person)	8 independent citation per person	2 independent citation per person	See data for 2020 and 2021.	See data for 2020 and 2021.
Number of all scientific publications by academic staff (publication per person)	2490 (4 per person)	688 (1 per person)	1355 (2 per person)	1217 (2 per person)
Number of monographs and books (average per person)	98 (0.17 per person)	33 (0.05 per person)	62 (0.11 per person)	40 (0.07 per person)
Number of scientific publications published abroad (average per person)	241 (0.43 per person)	62 (0.11 per person)	127 (0.22 per person)	73 (0.18 per person)
Number of foreign language publications (average per person)	696 (1.23 per person)	279 (0.48 per person)	379 (0.66 per person)	381 (0.66 per person)



5. INSTITUTIONAL MILESTONES

1808: The Royal Hungarian Ludovika Academy was established as the national military educational institute of Hungary.

1872: Hungarian officer training started at Ludovika Academy.

1920: The Royal Hungarian (Honvéd) Military Academy was established to follow the traditions of Ludovika Academy.

1955: The Zrínyi Miklós Military Academy was established.

1971: Establishment of the Police College.

1977: The College of Public Administration was established enabling the education of professional civil servants for all levels of the state administration.

1996: The military higher education institutions were separated from the organisation of the Hungarian Defence Forces, and the Zrínyi Miklós National Defence University was formed.

2004: The College of Public Administration and the University of Economics Budapest were merged and became one of the predecessors of Ludovika-UPS.

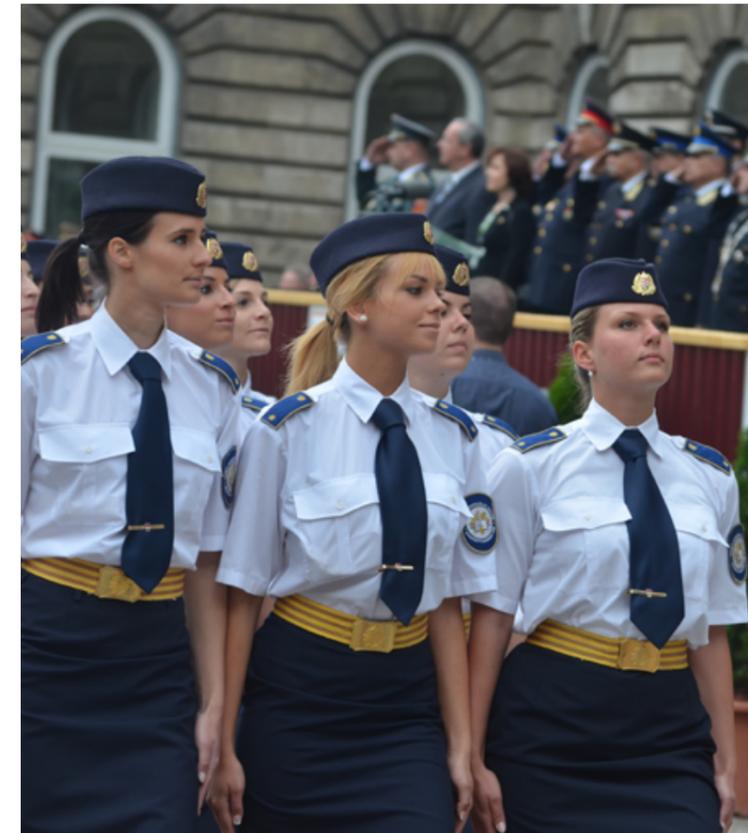
1 January 2012: Act XXXVI of 2011 established Ludovika-UPS as the legal successor of the Zrínyi Miklós National Defence University, the Police College, and the Faculty of Public Administration of the Corvinus University of Budapest.

2014: Inauguration of the main building of the new central campus of the University, named Ludovika. The building housed the Hungarian Royal Military Academy in the 19th century and was renovated in 2014.

2015: Establishment of the Faculty of International and European Studies and the Institute for Research and Development on State and Governance.
2016: Redesign of the Faculty of Public Administration, re-naming it as the Faculty of Political Sciences and Public Administration.

2017: The Faculty of Water Sciences was established in Baja, by the two merging institutes of the Eötvös József College, the Institute of Water Supply and Environmental Engineering and the Institute for Hydraulic Engineering and Water Management, joining Ludovika-UPS.

- Establishment of the Doctoral School of Law Enforcement with the aim of providing an education based on scientific innovation.



2018: Pursuant to the amendment to the NUPS Act, the maintainer of the University is the Minister responsible for public administration development. Alongside the University, under the direction of the Maintainer and with the participation of the delegates of the Ministers responsible for justice, defence, education, innovation and technology, foreign policy and law enforcement, the Advisory Board provides a basis for certain decisions by the Maintainer as well as professional support.

2019: A new faculty – the Faculty of Public Governance and International Studies – was established with a merger of two former faculties, the Faculty of Science of Public Governance and Administration and the Faculty of International and European Studies. In February 2019, the Eötvös József Research Centre was established and started operating, together with the nine research institutes established within its framework. The Institute of Strategic Studies has been established as a new organisational unit, which contributes to the development of university excellence by planning and implementing Hungarian and international training programmes that prepare participants for strategic and managerial tasks in the public sector.

2020: In cooperation with the Ministry of Foreign Affairs and Trade, Ludovika-UPS launched the first cycle of the Hungarian Diplomatic Academy. The Academy started with two training programmes, the Diplomat Training Programme and the Diplomatic Leadership Programme. These programmes will ensure a supply and further training of specialists in foreign affairs.



6. LEADERSHIP AND MANAGEMENT

6.1. THE ADVISORY BOARD AND THE SENATE

Alongside the University, under the direction of the Maintainer and with the participation of the Ministers responsible for justice, defence, education, innovation and technology, foreign policy and law enforcement, the Advisory Board provides a basis for various decisions by the Maintainer, as well as professional support.

The Advisory Board

The main task of the Advisory Board, established in September 2018, is to give an opinion on the regulations and training programmes that fundamentally affect the life of the University, as well as to make proposals for the number of students to be admitted. The Board discussed, in several rounds, the University's recently adopted new institutional development plan and the amendments to certain elements of the Organisational and Operational Regulations. The main points of the agenda for the second half of the academic year were the measures in and amendments of the regulations in the context of the coronavirus epidemic in order to safeguard jobs and ensure the successful completion of the academic year. There has also been a change in the composition of the Advisory Board in the past academic year. The place of Dr. Major General Frigyes Janza, representing the Minister of Interior, was taken over by Dr. Major General József Boda. Dr. Márton Bálint Lacsny, who had represented the Ministry of Human Resources, also resigned from the Board due to his transfer to another field and was replaced by Endre Miklós Sík, Chief of Staff of the Ministry.

The Senate is the main decision-making body of the University. The Senate decides on all matters assigned to its competence by legislation – with some exceptions – where the approval of the Advisory Board is required, such as the adoption of the University's education and research programmes, the adoption of by-laws and the quality improvement programme, the initiation or review of the new development plan or the adoption of the University budget and the annual budget report. The Senate comprises 25 members with voting rights. Concerning its composition, the Rector – as Chairman – and the Deans are ex officio members, whereas the elected members include one professor or associate professor, one senior lecturer or one assistant lecturer/assistant research fellow from each faculty, one researcher from the Eötvös József Research Centre, the director of the Institute for Public Administration Further Training, and three administrative staff members. The delegated members are six members (including the presidents) of the students' unions of the university and that of the faculties, one member of the doctoral students' union, and one member of the representative trade unions.



6.2. UNIVERSITY LEADERSHIP

The Rector is responsible for the operation of the University. He is appointed by the Advisory Board and is therefore accountable to the Board and the Senate at the same time. Beyond matters reserved to the Board and the Senate, the Rector has full authority to achieve the University's objectives. His work is underpinned by the Vice-Rectors with separate portfolios, the Faculty Deans, and the central management. The Vice-Rector for Academic Affairs coordinates all the educational affairs including the work of the Office of Education, the Central Office of Studies, and the Institute of Disaster Management. The Vice-Rector for Institutional Development, as a basic task, prepares a strategic action programme to improve its position in the domestic and international higher education of the University and to develop its operational efficiency and institutional capabilities; furthermore, it supervises the implementation of development programmes. The Vice-Rector for International Affairs is responsible for establishing and maintaining the international relations of Ludovika-UPS via the International Directorate. The Vice-Rector for Science manages all scientific activities of the University and oversees the Doctoral Schools, the Office of Scientific Affairs, the Central Library of the University, the Institute of National Security and the scientific quality assurance processes.

Other important positions are those of the Secretary-General and the Chief Financial Director. The Secretary-General is responsible for the work of the Rector's Office and the central management of the University. The Chief Financial Director controls and directs the work of the Financial Office and is responsible for all financial matters regarding the operation of Ludovika-UPS.



Dr. András Koltay – Rector

Dr. András Koltay has been the rector and professor of Ludovika-UPS since 2018. He has been a lecturer at Pázmány Péter Catholic University Faculty of Law and Political Sciences in Budapest, Hungary since 2002. In 2018, he was appointed professor of law. He received an LL.M. degree in public law from University College London in 2006, and a PhD in law at the Pázmány Péter Catholic University in 2008. He attended the human rights course of the International Institute of Human Rights in Strasbourg in 2003. His principal research areas are freedom of speech, personality rights and media regulation, but he also deals with other constitutional questions. He is the author of more than 300 publications, and numerous monographs on freedom of speech; in English: *Freedom of Speech – the Unreachable Mirage* (Wolters Kluwer 2013), *The Troubled Relationship between Religions and the State. Freedom of Expression and Freedom of Religion* (Whitlocke 2017) and *New Media and Freedom of Expression* (Hart 2019). He has already been a speaker at more than 100 conferences in numerous countries.



Dr. Boglárka Koller – Vice-Rector for International Affairs

Dr. Boglárka Koller is a European Studies expert, university professor, currently serving as the Vice-Rector for International Affairs. She graduated from Corvinus University, Budapest as an economist in 1998; she also holds an MA in Nationalism Studies from the Central European University and an MSc in European Studies from the London School of Economics and Political Science. She defended her PhD thesis in International Relations in 2004. She is a former Chevening scholar. Her main research areas are governance and policy-making in the EU, history and theories of integration and differentiated integration and identity issues in Central and Eastern Europe. She has already had more than 20 years of teaching experience in Hungary and abroad and authored numerous international publications on European integration. She served as a chairman of the National Office for Research Development and Innovation (NKFIH), Political Science and Law Jury (formerly OTKA Jury) for four years. She is currently the elected Vice-President of the Central European Political Science Association (CEPSA), a member of the Social Science Committee of the Hungarian Accreditation Committee (MAB), member of the Board of the Hungarian United Nations Association, and member of the Social Science Committee of the National Scientific Students' Conference (OTDK) and also serves as the Head of the Editorial Board of the European Mirror scientific journal (*Európai Tükör*).



Dr. Norbert Kis – Vice-Rector for Institutional Development

Norbert Kis is a professor of public law at Ludovika-UPS, currently serving as the Vice-Rector for Institutional Development. His research focuses on public policy-making, public governance and legislation. He served for 20 years in the executive management of various Hungarian public institutions (ministries, tribunals, universities) as deputy-state-secretary, director-general, dean and vice-rector. He spent 10 years in the governing boards of the International Association of Universities (Paris) and the European Institute of Public Administration (Maastricht). Since 2011, he has been in charge of supervising the further training system of public servants and is co-chair of the National Board of Further Training of Public Administration in Hungary. He is the author of 130 publications, books and proceedings.



Dr. Col. Tamás Csikány – Vice-Rector for Science since 1st January 2020

Continuing several tasks of the previous period, Vice-Rector Tamás Csikány is responsible for keeping the scientific development of Ludovika-UPS in line with its core mission of being an internationally recognised high-quality educational and training centre for present-day and future public servants. After his graduation as Lieutenant, Missile and Artillery Officer, and Teacher of Pedagogy in Primary Education from the Kossuth Lajos Military Academy in 1980, his life has been intertwined with military life; his proficiency has been determined by the spirit of military sciences and generalship. He has been an educator in Hungarian officer training for almost 30 years, since 2010 as a university professor. In 2009 he successfully defended his dissertation 'Military Leadership in the Hungarian War of Independence in 1848-49' for the title of 'Doctor of the Hungarian Academy of Sciences'. His research field is European and Hungarian military science and the art of warfare in the 19th century; primarily the relationship between the army and society, military organisation, military leadership, the history of the battles of castles during the War of Independence of 1848-1849 and the history of Székely frontier regiment. As Head of the Doctoral School of Military Sciences and an expert in supervising PhD students, he makes every effort to ensure a high-quality education in military sciences.



Dr. Pol. Col. László Christián – Vice-Rector for Education since 1st January 2020

László Christián, Vice-Rector for Education at Ludovika-UPS, is a police colonel and lawyer. He has been the Head of the Department of Private Security and Municipal Law Enforcement of the Faculty of Law Enforcement of Ludovika-UPS since 2013. He is a habilitated associate professor and has been teaching in higher education since 2002. He started his professional career at the Customs and Finance Guard in 2002, then continued at the National Tax and Customs Office in various management positions. Since 2016 he has been a regular member of the Police. He is the Editor-in-Chief of *Magyar Rendészet* (Hungarian Law Enforcement) and the author of 100 publications. László Christián is the holder of several awards; he has participated in 30 foreign study trips on several continents and regularly gives lectures at national and international conferences. His main fields of research are public administration, law enforcement, private security and municipal policing.



Dr. Barbara Szalontainé Czettisch – Secretary-General since 1 October 2020

Ms Szalontainé Czettisch, the Secretary General of Ludovika-UPS, is a lawyer specialised in labour law but also the holder of a degree in Computer Engineering. Before joining the University, she worked in various leadership positions in the State Treasury in Budapest and in Tatabánya. In 2012 she became the Head of Section in the HR Department; later she led the University's Coordination Office and in the six years preceding her appointment she worked as its Deputy Secretary General.





Tünde Dr. Nászné Brózsely – Chief Financial Officer

As Chief Financial Officer of Ludovika-UPS, Tünde Dr. Nászné Brózsely is responsible for the planning and management of the University's budget. It is of key importance to organise the financial affairs of a higher education institution in a stable and accurate way, especially in the case of Ludovika-UPS, which participates in various programmes and projects co-funded by international actors such as the European Union. Mrs. Tünde Dr. Nászné Brózsely is experienced in directing financial affairs, including that gained in top positions at various public sector organisations.



Dr. Gábor Levente Szarka – Campus General Director until 30 September 2020

The position of the Campus General Director has been filled by Dr. Gábor Levente Szarka since the establishment of the Campus Directorate in early 2019. He holds a degree in law and he is also a certified expert in security and defence policy. He is an Honorary Associate Professor of Ludovika-UPS.

Dr. Szarka graduated from Kossuth Lajos Military College as a military officer in 1993. He served with the Savaria Mechanized Infantry Brigade in Szombathely and at the Kossuth Lajos Military College. He was reassigned to the General Staff in 2003. In 2007, he became Commander of the Students Division (the Ludovika Students Battalion) of Zrínyi Miklós University of National Defence. He was promoted to full colonel in the same year. He became Head of the Minister's Cabinet at the Ministry of Defence in June 2010. At the same time, he became Ministerial Commissioner responsible for the ministerial tasks relating to the establishment of Ludovika-UPS. In 2013, he was assigned to the Embassy of Hungary in Paris as a military, defence and air attaché accredited to France, Belgium, Luxembourg and Portugal. In 2016, he continued as Deputy CEO and Director for Strategy at the state-owned National Industrial Park Management and Development Company, Inpark.



Zita Finta – Campus Director from April 2021

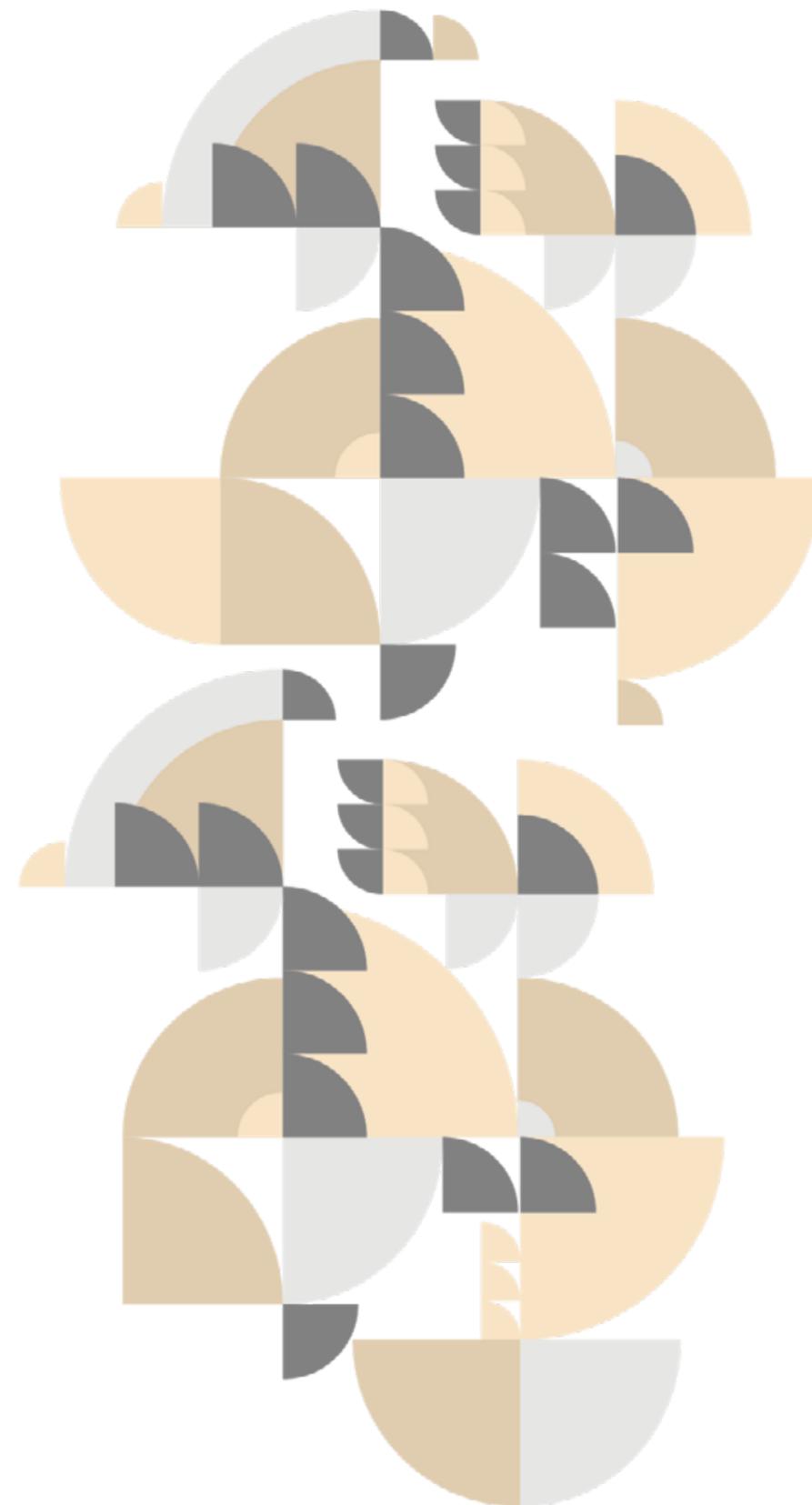
The position of the General Director of the NKE Campus Directorate is held by Ms Zita Finta as of 23 April 2021, although she has been involved in the management of the Campus Board since February 11 2020 as Deputy Campus Director-General.

Ms Finta graduated from Szeged with a degree in economics and public policy. She started her professional career in Nagykőrös in the local mayor's office, then continued in Budapest in a district mayor's office. Later she was employed by the Kecskemét municipality, where she worked for 11 years. Her main tasks included preparing the city strategy, organising development activities, implementing and continuously monitoring urban and economic development tasks and devising necessary measures. On July 1 2016, she was appointed Chancellor of the John Neumann University. Her responsibilities included the operation of the facility, asset management, legal affairs, public procurement and tenders.

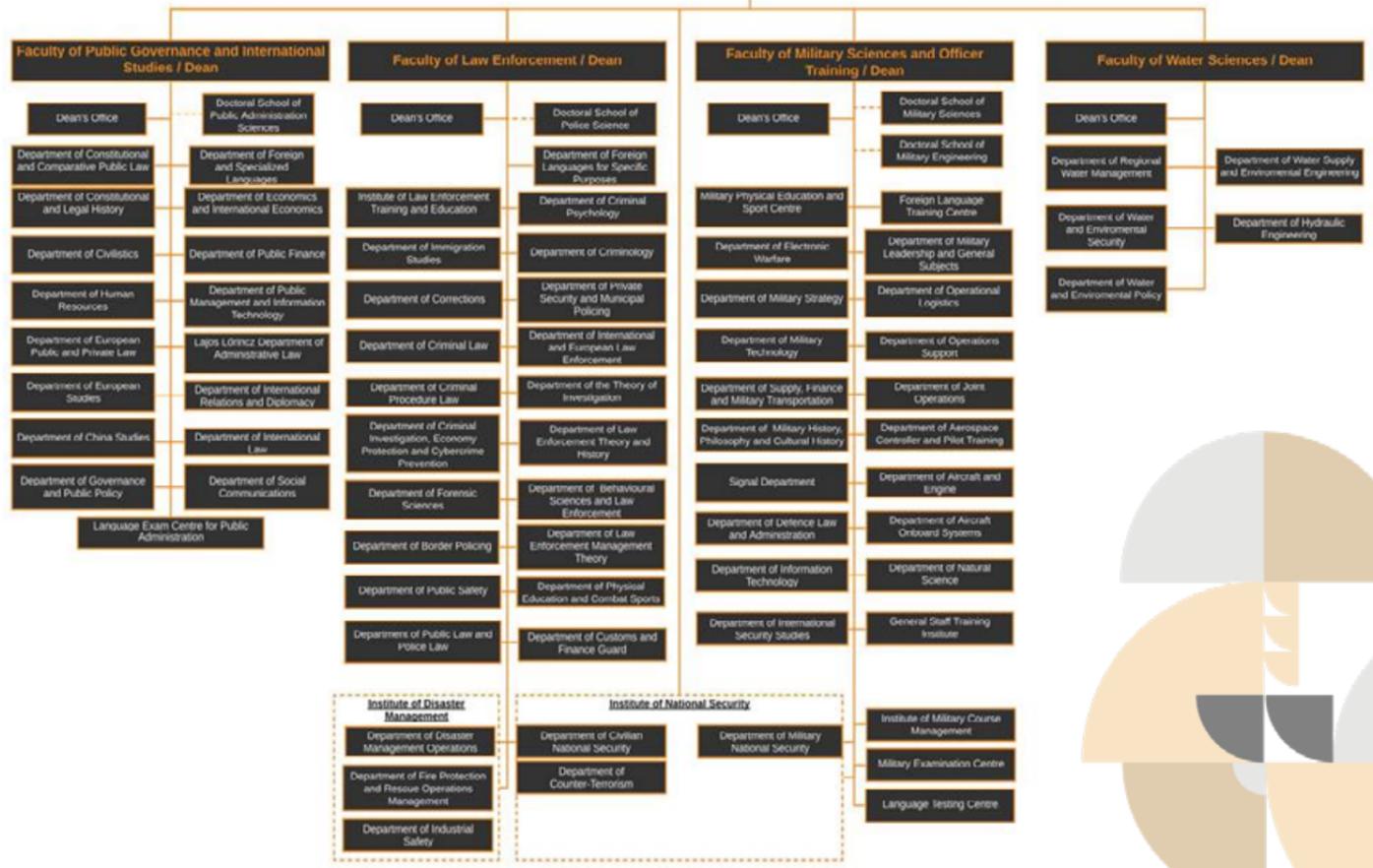
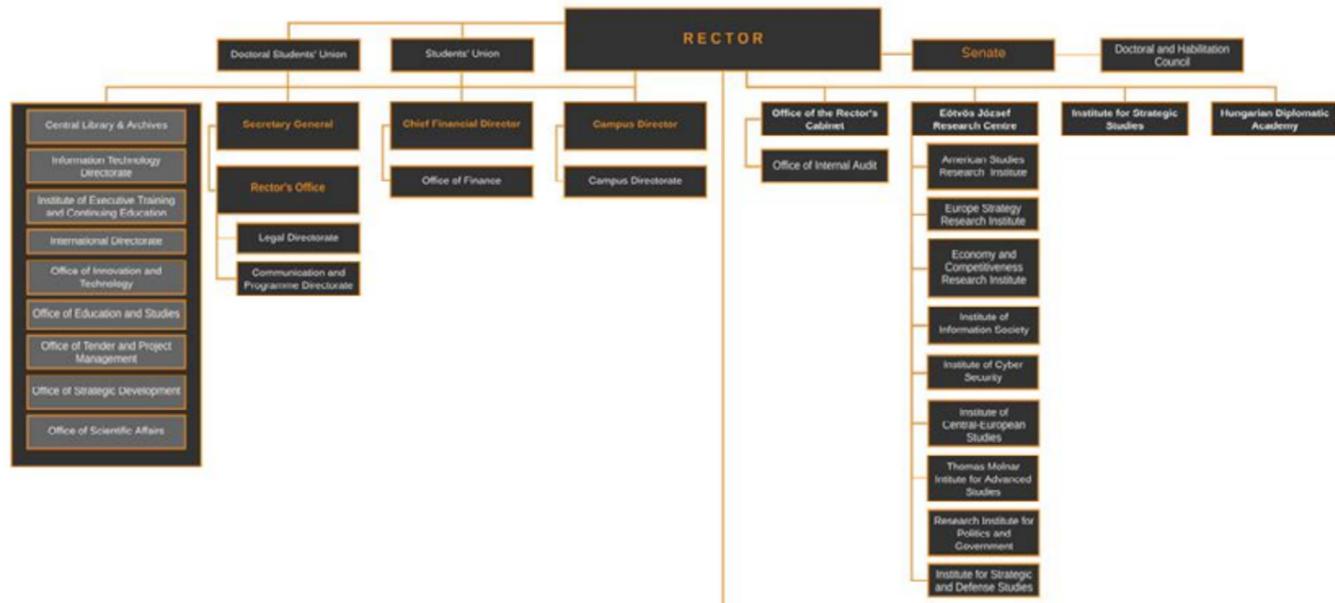


Dr. István Tomasitz - Secretary-General until 30 September 2020 and then Campus Director until 22 April 2021

István Tomasitz is a lawyer and an expert in European law (with a specialisation in finance). In recent years, he has been the State Secretary for Administration in the Ministry of Agriculture and then the Vice-President for Economic and Legal Affairs at the National Centre for Land. He previously worked as the Legal Director of the Media Services Support and Trust Fund in the field of sports broadcasting rights and he was Head of Department and Vice-President of the National Office for Communication. He also worked as a researcher at the Institute for Media Studies of the Media Council: He previously worked as a legal director at BKV, and as a lawyer in various Hungarian-owned companies.



6.3. ORGANISATIONAL STRUCTURE OF THE UNIVERSITY



7. FACULTIES

Ludovika-UPS is the only institution in Hungary to offer degree programs in public service with a comprehensive approach focusing on the needs of the government. It educates the next generation of experts and leaders in the field of military, law enforcement, public management, and international affairs. Hence our University operates in a model of cooperation together with national stakeholders and international actors. Ludovika-UPS was established in 2012 as a result of a merger of three separate higher education institutions. The legal predecessors were Zrínyi Miklós National Defence University, the Police College, and the Faculty of Public Administration of the Corvinus University of Budapest. In 2017 Ludovika-UPS integrated two Institutes on Water Science of the Eötvös József College of Baja which now operates as the Faculty of Water Sciences. In 2019, a new faculty – the Faculty of Public Governance and International Studies – was established with a merger of two former faculties, the Faculty of Science of Public Governance and Administration and the Faculty of International and European Studies. As of today, Ludovika-UPS has four faculties (the Faculty of Military Sciences and Officer Training, the Faculty of Law Enforcement, the Faculty of Public Governance and International Studies, and the Faculty of Water Sciences), four doctoral schools, and a dedicated research hub, the Eötvös József Research Centre. The latter was established at the beginning of 2019 to maintain and develop high-level scientific work and discussion, to become a leading source of knowledge in the region.

7.1. FACULTY OF PUBLIC GOVERNANCE AND INTERNATIONAL STUDIES

7.1.1. ABOUT THE FACULTY

The Faculty of Public Governance and International Studies (FPGIS) was established on 1st August 2019 by merging two previously independent faculties, the Faculty of Science of Public Governance and Administration and the Faculty of International and European Studies. While maintaining the strengths of the professional and training portfolios, the main objective of the Faculty is to secure new generations of experts working in national and foreign representations, in the areas of foreign affairs within public administration and to train officials working in the Hungarian central administration, as well as in international and European Union institutions.

The unique programme portfolio of the new Faculty responds to current changes and challenges and offers courses in both Hungarian and English. Moreover, the Faculty offers several practice-oriented programmes and training courses tailored to the needs of potential employers, providing competitive knowledge to its students. In addition to high-profile representatives of the academic world, the teaching programmes also involve senior experts from public administration and diplomacy with outstanding experience.

During their bachelor's or master's studies, students can acquire not only the necessary

knowledge to manage public administration, organise administrative work, or prepare and implement administrative decisions, but also to pursue an international career in public service.

After completing the master's programme, graduates are capable of dealing with spatial planning, strategic, analytical, legal and managerial tasks, even at the highest levels of the decision-making mechanism.

Students graduating from the Faculty will be professionals in administration, who are able to cope with tasks in both domestic and international administrative environments. Students might have various job opportunities in the private sector, in multinational corporations or civil organisations in the fields of administration or project management. Having a degree from FPGIS makes it possible to work in foreign representations, in the areas of foreign affairs of the public administration, international and European Union institutions or even in the defence sector.

Graduates committed to public administration and international studies can continue their research work at the Doctoral School of Public Administration Sciences, founded in September 2013. It is the only doctoral school specialising in the field of public administration in Hungary.



7.1.2. DEAN OF THE FACULTY

Prof. Dr. Péter Smuk

Prof. Dr. Péter Smuk has been the Dean of the Faculty of Public Governance and International Studies at Ludovika-UPS since 2019.

He graduated from the Faculty of Law of Eötvös Loránd University as a jurist in 2002 and from the Faculty of Humanities as a historian in 2003. He defended his PhD thesis in the field of parliamentary law and legislative studies at the Széchenyi University in Győr in 2008. From 2012 to 2019, he was the Vice-Dean of the Faculty of Law and Head of the Department of Constitutional Law and Political Sciences at the Széchenyi University. He is the President of the Hungarian Association of Constitutional Lawyers and a member of the Presidency of the Hungarian Political Science Association.

His main research areas are parliamentary government, parliamentary law, legislative studies; political parties, party law and party financing; freedom of expression, media law; freedom of information; and the development and history of constitutions.



7.1.3. STRUCTURE OF THE FACULTY

After several changes in its history and name, the Faculty of Public Governance and International Studies is now one of the four faculties of Ludovika-UPS. The newly reformed Faculty provides a vibrant community designed to ensure that students at the undergraduate level acquire highly developed professional skills, while they can also learn the basics of political and legal sciences and classical international relations and diplomacy from practitioners. The Faculty aims at educating professional civil servants for all levels of state administration and has done so since 1977.

The departments of the Faculty:

1. Department of Chinese Studies
2. Department of Civilistics
3. Department of Constitutional and Comparative Public Law
4. Department of Constitutional and Legal History
5. Department of Economics and International Economics
6. Department of European Public and Private Law
7. Department of European Studies
8. Department of Foreign and Specialised Languages
9. Department of Governance and Public Policy
10. Department of Human Resources
11. Department of International Law
12. Department of International Relations and Diplomacy
13. Lajos Lőrincz Department of Administrative Law
14. Department of Public Finance
15. Department of Public Management and Information Technology
16. Department of Social Communication



7.1.4. DEGREE PROGRAMS

Degree Programs in Hungarian

BA in Public Administration Management (3 year-long program – 180 ECTS)

with specialisations in:

- General Administration
- International Public Administration
- Tax Administration

Graduates of BA in Public Administration Management are “generalists” who are capable of leading, managing, and organising various tasks at various levels of the central and local administration. Based on the broadening competence of administration, this requires sufficient knowledge of law, management, administration and economics. In line with these requirements, graduates are able to fulfill various expectations in the fields of public service, human resources, financial management and controlling, along with having adequate competence in IT and project management.

BA in International Administration (3 year-long program – 180 ECTS)

This 6-semester long program is aimed at training professionals who are able to serve as international administrators, organisers, and contact persons in the international relations of public bodies, with a special focus on cooperation within the European Union and its Member States. Graduates of the BA program can also work as managers of international organisations. One of the program’s cornerstones is competency-based training, aimed at providing students with practical knowledge that they can use effectively in their everyday work. Graduates of the BA program can continue their studies in one of the master’s in public administration or management.

BA in International Security and Defence Policy (3 year-long program – 180 ECTS)

The 6 semester-long BA program provides students with a theoretical foundation of security and defence studies, which includes the Common Security and Defence Policy of the EU, NATO humanitarian and rescue tasks, conflict prevention and peace-keeping, tasks of combat forces in crisis management to joint disarmament operations, military advice, and assistance and tasks in post-conflict stabilization. The BA program, redesigned in 2013 with the joint university module courses, provide a common understanding and knowledge for all civilian, military, and police students.

This BA program was transferred during the academic year 2019/20 to the Faculty of Military Science and Officer Training.

MA in Public Administration (2 year-long program – 120 ECTS)

with specialisations in:

- Executive for Administration
- International and European Public Administration
- Science of Public Administration

Graduates of MA in Public Administration are familiar with the goals, methods, and practices of public administration and they gain thorough knowledge and competence in state sciences, basics of law, law-making and law enforcement, the operation of the fundamental institutions as well as human rights and basics of other social sciences related to public administration. They are administration experts who are capable of leading, overseeing, and controlling various tasks and processes, thus supporting decision-making and management activities.

MA in Public Policy and Management (2 year-long program – 120 ECTS)

Graduates of MA in Public Policy and Management are knowledgeable in economics, social sciences, management, law, and methodology. In line with their technical and theoretical experience, graduates are capable of analysing complex questions and issues in public administration, executing planning, coordination and management tasks, and contributing to public projects in public and private institutions, nonprofits, central and local governments, and national and international (European) organisations.

MA in (Science of) Public Governance (5 year-long program – 300 ECTS)

Graduates are experts who are capable of handling complex tasks related to the structure and roles of the state with a high level of planning, strategic, analytical and managerial skills. The degree program aims to train experts who are able to manage strategic planning, effect evaluation with policy



and economical aspects, who are knowledgeable on the methods, techniques, and the framework of administrative law. Graduates are also capable of effectively managing changes in state administration and they acquire the necessary skills to compare state activities, analyse international models and social, economical, political and human factors that define and affect state operation.

MA in International Public Service Relations (2-year programme – 120 ECTS)

The four-semester programme aims to train experts to fulfil tasks within international and EU agencies, in the administration of foreign affairs, defence policies and law enforcement. Our students will be acquainted with a broad range of contemporary questions in international relations, from the phenomenon of globalisation to the law and policy-making of international organisations, or international law and the law of the European Union, as well as ‘hot topics’ such as good governance and integrity management. Upon completion of the programme, graduates will benefit from a thorough and comprehensive understanding of today’s international affairs, and they will be able to apply those methods that will enable them to assess, analyse and answer global and international problems and policy issues with a critical eye.

Four specialisations are available:

- International public administration studies,
- Security studies,
- Policing studies,
- European studies

MA in International Relations (2-year programme – 120 ECTS)

The curriculum of the MA programme in International Relations was framed, in collaboration with the Ministry of Foreign Affairs and Trade, to fulfil practical needs.

The syllabus, having been created to provide practical knowledge and to prepare students for careers in diplomacy, is in alignment with the requirements of the foreign affairs administration.

Topics related to foreign economy and economic diplomacy are dominant segments of the study programme.

The following specializations are available:

- International Economic Relations

- Regional and Civilisational Studies
- European Studies

Upon completion of the programme, in addition to gaining competitive skills and knowledge, graduates will not only be able to build careers in the field of public administration but also in the public sector, the academic sphere and in the field of international relations.

MA in Cyber Security (2-year programme – 120 ECTS)

The aim of the study programme is to prepare professionals with higher education qualifications who are able to implement the planning, organisation and management of cybersecurity tasks effectively in expert positions, whether in the fields of public administration, defence administration or foreign affairs administration. The Master’s programme focuses on cybersecurity issues and current and future challenges facing both the public and private sectors and society. Students will acquire a broad knowledge of the theoretical and practical aspects of cybersecurity and its security, environmental, social and economic aspects. Through a differentiated professional curriculum (international relations in cybersecurity, public cybersecurity management, protection of critical electronic information systems), they will be able to perform research, development and planning tasks in their field of expertise, in order to analyse security problems in a scientific manner.

MA in Government and Leadership (2-year programme – 120 ECTS)

The study programme focuses on training professionals who can manage public administration in an integrated way, using a systematic approach to public resources. The aim is that graduates will be able to carry out high-level planning, strategic, analytical and managerial tasks. Through the different subjects, the aim is to train experts who are able to interpret public functions in an international and regional context, and who can apply a sectoral, policy-based, budgetary-economic approach to strategic public policy planning and impact analysis. The programme trains prospective leaders who are familiar with governance models, techniques, basic public and administrative legal frameworks and able to manage change in the organisation and administration of the state effectively and to organise public action using comparative methods and international models. It is important to prepare experts performing management tasks in the government and public sector with comprehensive knowledge and understanding of the social and political, economic and human factors that determine and influence the functioning of the state.

Degree Programmes in English

BA in International Public Management (6-semester programme – 180 ECTS)

The new BA programme is aimed at training professionals who are able to serve as international administrators, organisers, and contact persons in

the international relations of public bodies, with a special focus on cooperation within the European Union and its Member States. The courses help them understand better the 21st century's fast-evolving reality, in which new priorities emerge at unprecedented speed. Identity, belonging to a culture and traditions and also understanding the common values upon which a community is built is becoming ever more prominent. Rediscovering the unique European heritage, based on ancient Greek and Roman cultures and more than 2000 years of Christianity, is essential. Our globalised world has been dealing with a series of dramatic shocks, and the European Union is no exception. More than ever, there is a need for a league of young and educated people who can safely navigate uncharted territories. There is a need for future administrators and leaders of complex governance structures - who have the skills, the knowledge and the courage to face an ever more volatile geo-economic and geopolitical reality. The main courses in the BA programme help to achieve these ambitious goals. This new developed BA programme has just been launched for the 2021/2022 Academic Year.

MA in International Public Service Relations – MIPuS (3-semester programme – 90 ECTS)

The three-semester MA programme was launched in February 2016. This comprehensive course is offered both to Hungarian and foreign citizens, fo-



ocusing on security and defence studies and European studies. The programme delivered in English language synthesises the methods and approaches of the disciplines of international relations, public administration, law and economics. The effects of globalisation, the law and policy-making by international organisations and the institutions and sectoral policies of the EU, as well as good governance or integrity management, are among the topics covered in this programme. It aims to educate and train students to become experts in their fields, in their future positions either at international or EU institutions or in their respective national public administration roles.

Upon completion of the programme, graduates will benefit from a thorough and comprehensive understanding of today's international affairs, as well as the tools that will enable them to assess, analyse and answer global and international problems and policy issues with a critical eye. The programme aims to produce experts capable of undertaking duties at international and EU institutions and agencies and in the administration of foreign affairs, defence policy and law enforcement, as well as in the international departments of NGOs or business entities.

MIPuS is open for Hungarian and international students and applicants representing international public services.

To ensure the training's standard of excellence, every applicant has to meet the same criteria. They must

- have a good command of English, as a minimum requirement
- hold an appropriate BA/BSc degree or verify the completion of at least 180 ECTS credits in the given fields

The applicants' language skills and competences will be tested during a personal or Skype interview.

MA in International Relations (4-semester programme – 120 ECTS)

The curriculum of the MA programme in International Relations was framed, in collaboration with the Ministry of Foreign Affairs and Trade, to fulfil practical needs.

The syllabus, having been created to provide practical knowledge and to prepare students for careers in diplomacy, is in alignment with the requirements of foreign affairs administration.

Topics related to foreign economies and economic diplomacy are dominant segments of the study programme. Upon completion of the programme, in addition to gaining competitive skills and knowledge, graduates will be able to build careers not only in the field of public administration but also in the private sector, the academic sphere and in the field of international relations.

The following specialisations are available:

- International Economic Relations
- Regional and Civilisational Studies
- European Studies

This MA programme has just been launched for the 2021/2022 Academic Year.

7.1.5. DOCTORAL SCHOOL OF PUBLIC ADMINISTRATION SCIENCES

The Doctoral School of Public Administration Sciences was established in 2013 and, currently, it is the only doctoral school in Hungary specialising in the field of public administration. The Doctoral School's programme aims to provide high-quality postgraduate-level education to professionals (researchers and practitioners) working in the field of public administration.

The PhD programme in Administration – the only one in Hungary (available both in Hungarian and English) – focuses on the following research areas:

- History of state and public administration (Head: Dr. Attila HORVÁTH PhD)
- Legal studies (Heads: Dr. András PATYI PhD, Dr. Tekla PAPP PhD)
- Public administration management and sociology (Head: Dr. István TÓZSA PhD)
- Economics (Heads: Dr. Gábor KUTASI PhD, Dr. Péter HALMAI DSc)
- Public governance (Head: Dr. Iván HALÁSZ PhD)
- International and European studies (Head: Dr. Boglárka KOLLER PhD)
- Human resources in public administration (Head: György KISS DSc)

7.2. FACULTY OF MILITARY SCIENCES AND OFFICER TRAINING

7.2.1. ABOUT THE FACULTY

The Faculty of Military Sciences and Officer Training is the legal successor of the Zrínyi Miklós National Defence University, established in 1996. Hungarian officer training, with a history of nearly 200 years, continues at the Faculty, within Ludovika-UPS since 1 January 2012. The Faculty is the only one in Hungary entitled to provide BSc, MSc, and PhD degrees in military sciences.

The Faculty educates officer cadets in various undergraduate programmes such as infantry, armour, artillery, reconnaissance, maintenance, logistics, military engineering, signalling, electronic warfare, chemical, biological, nuclear, radiological (CBRN) defence, and air defence, maintenance, air traffic controller, and pilot. Besides gaining the highest standards of professional knowledge and skills, cadets learn about proper military traditions and acquire the competencies required to deal successfully with the complex challenges of the unfolding century. The Faculty also educates serving officers in three graduate programmes, focusing on military leadership, military operational logistics, and military infocommunication and electronic warfare. The highest level of military education is also incorporated into the Faculty in the form of postgraduate education. Graduates of the so-called General Staff Education Centre regularly take up high positions in the Hungarian Defence Forces. Owing to the special nature of the military profession, education is tailored to the needs of the Ministry of Defence and the Hungarian Defence Forces Command.

The Faculty is also responsible for educating civil experts for the national and international defence spheres in the fields of Defence C3 Systems Management, Radicalism and Religious Extremism, and

7.1.6. JEAN MONNET

Jean Monnet Activities, as part of the ERASMUS+ Programme, are designed to promote excellence in teaching and research in the field of European Union studies worldwide. The activities also foster the dialogue between the academic world and policy-makers, in particular to enhance the governance of EU policies. Our Faculty is an active member of the Jean Monnet Community. In 2015, the former Faculty of International and European Studies successfully applied for a Jean Monnet Module. This was the first step of our involvement in this priority and the successful implementation of the Module triggered eligibility for larger future projects, such as Chairs and Centres of Excellence activities. The Jean Monnet Module was a short teaching programme (or course) in the field of European Union studies with a duration of three years. Ludovika-UPS offered two courses in the field of EU policy-making to provide theoretical knowledge and practical skills to analyse several current EU policy issues and to provide up-to-date reference knowledge on the most important EU sectoral policies.

International Security and Defence Policy. Graduates are guaranteed a job in the defence sector or other sectors of the state administration, but many of them make an international career in notable international organisations, such as NATO, the EU or the OSCE.

The Faculty's main campus, the Miklós Zrínyi Barracks and University Campus (1101 Budapest, Hungária körút 9-11) is located near downtown Budapest, guaranteeing spectacular view of the cityscape from many of the students' dormitory rooms. Seminar rooms, special language labs, a library with more than 600 thousand books, sports facilities, a restaurant and a buffet are all at the disposal of the cadets and students. The departments of the Faculty related to aviation are located in Szolnok Helicopter Air Base. Those who study International Security and Defence Policy are educated at the Ludovika Campus.

7.2.2. DEAN OF THE FACULTY

Brig. Gen. Dr. Árpád Pohl

Brigadier General Pohl serves as Dean of the Faculty of Military Sciences and Officer Training. He graduated from the Zalka Máté Military Technical College, and studied later at the Zrínyi Miklós Military Academy. He successfully completed the General Staff Course in Vienna in 1997. In 2008, he obtained his PhD degree. His research field is logistical support for military operations. He has been involved in academic matters for more than 30 years and assumed various lecturing and leadership positions at the University as Assistant and Associate Professor, Head of Department, and Head of Institute. In addition to his academic roles, he fulfilled duties with the Hungarian Defence Forces at different levels, including a mission in Afghanistan.

7.2.3. STRUCTURE OF THE FACULTY

The Faculty's unique responsibility as the intellectual hub for military science and military technical science helps to retain and grow talent. Initiatives that enhance Faculty excellence and diversity are supported by crafting faculty-related plans, a vigorous analysis of existing programmes and events and thorough leadership development curricula.

The Faculty has a wide range of activities ultimately designed to improve researching, lecturing and learning. The attempt to improve overall competence gives the Faculty a unique position at national and international levels.

The educational units of the Faculty are the following:

- Department of International Security Studies;
- Department of Military Strategy;
- Department of Joint Operations;
- Department of Operations Support;
- Department of Military Leadership and General Subjects;
- Department of Military History, Philosophy and Cultural History;
- Department of Defence Law and Administration;
- Department of Operational Logistics;
- Department of Military National Security;
- Department of Supply, Finance and Military Transportation;
- Department of Military Maintenance;
- Department of Natural Science;
- Department of Electronic Warfare;
- Department of Information Technology;
- Signal Department;
- Department of Aerospace Controller and Pilot Training (Szolnok);
- Department of Aircraft and Engine (Szolnok);
- Department of Aircraft Onboard Systems (Szolnok).

General Staff Training Centre

The so-called General Staff Course conducted at the General Staff Training Centre (GSTC) in the form of postgraduate education is the highest level of national military education and offers an 11-month resident programme. The curriculum prepares selected Hungarian and foreign military leaders for the responsibilities of strategic leadership and educates them on the development and employment of strategic power. Upon graduation, students will be prepared for leadership positions in the Hungarian Defence Forces, the Ministry of Defence and other government agencies, or in various high positions in NATO assignments.

Military Examination Centre

The Military Examination Centre (MEC) works as a functional organisational unit of the Faculty. The MEC has a two-fold mission, to prepare and conduct officer and non-commissioned officer certification and classification examinations, both of them based on voluntary application.

Foreign Language Training Centre

The Foreign Language Training Centre (FLTC) has a wide range of missions, which include training officer cadets and preparing them for intermediate or advanced (special) language examinations in accordance with the education requirements. The Centre also conducts language training courses where officers, non-commissioned officers and MoD employees can acquire high-level language skills. Upon request of the Alliance, NATO-accredited international language training is also conducted in the Centre.

Language Testing Centre

The Language Testing Centre (LTC) conducts accredited language examinations in three different language examination systems. Candidates

can take ARMA bilingual military language examinations in 9 languages (English, French, German, Italian, Russian, Croatian, Serbian, Slovak, Ukrainian), NATO STANAG 6001 monolingual military language examinations (in English) and Origo general language examinations in five languages (English, French, German, Italian, Russian). In the event of a successful language examination, candidates receive accredited certificates that are recognised everywhere in Hungary and do not expire.

Military Physical Education and Sports Centre

The Military Physical Education and Sports Centre (MPESC) offers a comprehensive programme of physical training and education for cadets, students and serving officers of the Faculty. It is also responsible for carrying out the annual physical fitness test of the military personnel serving at the Faculty.

Military Course Management Office

The Military Course Management Office (MCMO) is responsible for the organisation of exercise planning included in military courses and coordinates its implementation. It plans, organises, coordinates and teaches in the courses needed for military retraining, further training and military promotion, as well as for assignments for posts included in the yearly Educational Plan. The Office also takes part in planning and accomplishing the exercises at the University and the Faculty. Based on a government decision, it accomplishes the planning, organisation and implementation of certain tasks regarding the Programme of Patriotic and Defence Education, as stipulated in the Memorandum of Understanding between Ludovika-UPS and the MoD, in cooperation with military organisations, civilian secondary schools and institutes of higher education.

7.2.4. DEGREE PROGRAMMES (UNDERGRADUATE)

BSc in Military Leadership (4-year programme, 240 ECTS)

This programme aims to educate and to train officer cadets who, after commission, are entitled to lead and organise the work of different subunits. All military cadets conduct a professional internship at different levels of the Hungarian Defence Forces. The programme offers the following specialisations: infantry; armour; reconnaissance; artillery; engineering, ground based air defence; and CBRN protection.

BSc in Military Economics (4-year programme, 240 ECTS)

This programme aims to educate and train future supply and accounting officers who, after commission, are entitled to lead and organise the work of different subunits. During their study, military cadets serve a professional internship at various levels of the Hungarian Defence Forces. The programme offers the following specialisations: supply, accounting.

BSc in Military Infocommunication and Electronic Warfare (4 year programme, 240 ECTS)

This programme aims to educate and to train officer cadets capable of understanding, maintaining and managing military information and communication systems and devices, and also of handling new technologies. Graduates have military career opportunities allowing them to work for the Hungarian Defence Forces and the Ministry of Defence and its institutions. The programme offers the following specialisations: military informatics, military communication and information protection, radio-electronic reconnaissance and electronic warfare.

BSc in Military Logistics (4-year programme, 240 ECTS)

This programme aims to educate and train future military logistics leaders who are commanders of

logistic subunits in the fields of supply, military transportation and maintenance. The programme also offers the possibility to educate cadets in the field of military finances to become financial leaders of the units and the institutions of the MoD. Qualified military logistic leaders at the tactical level are military leaders and logistic experts who are able to face challenges of military transportation, organisation and maintenance, and who have a comprehensive understanding of the legal basis, structure and functions of public administration. The programme offers the following specialisations: logistics, military transportation, military technology, military finance.

BSc in State Aviation (4-year programme, 240 ECTS)

This programme aims to educate and to train military aviation officer cadets capable of operating airplanes and helicopters, managing Air Command and Control Systems, and organising, planning and maintaining flights. Graduates have military aviation career opportunities allowing them to work for the Ministry of Interior and the Hungarian Air Forces and its institutions. The programme offers the following specialisations: state aviation pilot, military aerospace control officer, military aviation technical officer.

BA in International Defence and Security Policy (3-year programme, 180 ECTS)

The six-semester programme provides students with a theoretical foundation for security and defence studies. This includes analysis of the Common Security and Defence Policy of the EU, NATO humanitarian and rescue tasks, conflict prevention and peace-keeping, the tasks of combat forces in crisis management to joint disarmament operations, military advice, and assistance and tasks in post-conflict stabilisation.

7.2.5. DEGREE PROGRAMMES (GRADUATE)

MSc in Military Leadership (1-year programme, 60 ECTS)

This two-semester programme aims to train military leaders (senior officers) who are capable of successfully commanding military organisations based on their advanced skills in military science, management sciences, social sciences, natural sciences and technical sciences, and due to their theoretical and practical methodological knowledge, professional skills and a good command of one foreign language at least. Graduates are able to operate at a high level within international environments (NATO, EU, UN, OSCE, etc.) as staff officers or in other executive positions.

MSc in Logistics of Military Operations (1 year programme, 60 ECTS)

This two-semester programme aims to develop the knowledge and skills of students who graduated from the Military Logistics BSc programme further. These trained and qualified military logistics leaders are able to cope with the leadership challenges of logistics units and those of branches at the tactical-operational interface. Based on their skills in military economy, logistical support, methodology and leadership, and due to their knowledge of military science and understanding of economic and military law, structures, and functions of other areas of public services, they can meet the logistic requirements of an ever-changing operational environment.



7.2.6. DEGREE PROGRAMMES (POSTGRADUATE)

Advanced Military Leadership (1-year programme, 6o ECTS)

This two-semester programme, also called the General Staff Course, aims to educate those selected military leaders who, based on their analytic, planning, organisational and command and control skills, are able to act in various high- and higher-level leadership positions in the Ministry of Defence and the Hungarian Defence Forces, both in Hungary and abroad, in the framework of international organisations such as NATO, the EU and the OSCE.

Radicalism and Religious Extremism (1-year programmed, 6o ECTS)

This two-semester programme aims to train officers and employees of the state administration to recon religious extremism and differentiate it from the regular practices of religious communities. Graduates possess a broad knowledge on the role religious communities play in society and deep information on the various religious extremist groups active in the crisis areas of the world.



MSc in Military Infocommunication and Electronic Warfare (1-year programme, 6o ECTS)

This two-semester programme mainly aims to give further education and training for military officers from the field of military aviation technical and air traffic management, signal and military information technology, signal intelligence and electronic warfare.

MSc in Defence C3 Systems Manager (2-year programme, 12o ECTS)

This four-semester programme aims to train both military and civilian professionals for the Hungarian Defence Forces, the disaster management services, the defence administration, the civilian security services, and the broader defence community who are able to provide for the proper planning, organisation, supervision and secure working of the various command, control and communications systems in use or planned to be used.

MA in International Defence and Security Policy (2-year programme, 12o ECTS)

The four-semester Master's programme builds upon the knowledge students acquired during their BA-level studies either at the Faculty or in other undergraduate programmes complying with the entry requirements of the Master's programme. The careful development of these programmes goes back two decades. As a result of continuous curriculum development in the field of security and defence policy, Ludovika-UPS has managed to create a unique teaching programme. No other university in Hungary has these kinds of programmes in their portfolio. There is also a PhD programme in this field within the Doctoral School of Military Sciences at the University and is available both in English and Hungarian.

7.2.7. DOCTORAL SCHOOLS

Doctoral School of Military Sciences

The Doctoral School aims to pursue military science. According to the scientific classifications, military science is considered a part of the social sciences. The Doctoral School of Military Sciences focuses on the questions of military science regarding the activities of the defence sphere. This includes a wide spectrum of research fields, from military history through security theories and defence administration to national security. The mission of the Doctoral School is to provide quality education and to ensure that PhD graduates become successful military theory and practice-oriented researchers at both national and international level, who are capable of utilising their knowledge and widely publishing their research findings.

The admission of graduates from other universities with a scientific background is also possible. The international scientific recognition of the Doctoral School can be most easily demonstrated by the number of foreign students who have completed their PhD studies and who came from countries including Austria, France, Italy, the People's Republic of China, Slovenia, Ukraine, and the United States.

Its research areas are as follows:

- Security studies
- Social sciences aspects of defence
- The theory of military science
- The theory of military arts
- Defence logistics and defence economy
- National security
- The theory of defence information and communication

Doctoral School of Military Engineering

The Doctoral School of Military Engineering focuses on research fields that are specifically related to the military application of engineering. This includes training and preparation for scientific research in various related fields, ranging from basic and applied research and development, through technology and technology-transfer to technological innovation. The mission of the Doctoral School is to provide quality education and to ensure that PhD graduates become successful military theory and practice-oriented researchers at both national and international level, who are capable of utilising their knowledge and widely publishing their research findings.

The admission of graduates from other universities with a scientific background is also possible. The international scientific recognition of the Doctoral School can be most easily demonstrated by the number of foreign students who have completed their PhD studies and who came from countries including Austria, Chile, China, France, Germany, Jordan, the Netherlands, Pakistan, Romania and Slovakia.

Research areas:

- Military engineering infrastructure
- Military technology and robotics
- Defence electronics and ICT
- Military environmental security
- Military logistics and defence economy
- Security technology
- Disaster management
- Air transportation and aircraft technologies

7.3. FACULTY OF LAW ENFORCEMENT

7.3.1. ABOUT THE FACULTY

The predecessor of the Faculty of Law Enforcement, the Police College of Hungary, was established in 1970. Since then, it has been the top organisation in law enforcement education. Currently, the Faculty of Law Enforcement is the only higher education organisation in Hungary which is entitled to issue degrees required for the appointment of commissioned officers of the law enforcement agencies.

The mission of the Faculty of Law Enforcement is to provide training for future mid-level and high-level leaders of the Hungarian law enforcement agencies, such as the Hungarian National Police, the National Tax and Customs Office, the Prison Service of Hungary, the National Directorate-General for Disaster Management, the National Directorate-General for Alien Policing and the Counter-Terrorism Centre. The Faculty also has educational programmes for civilians who would like to work in the private security sector or municipal policing, and special educational programmes in the field of national security and disaster management as well.

According to its mission, the main study and research fields at the Faculty of Law Enforcement are criminal law, criminal procedural law, criminology, criminalistics, forensic sciences, criminal psychology, cybersecurity, criminal pedagogy, border policing, traffic policing, counter-terrorism, covert intelligence, law and economics of taxation, alien law, national security studies, disaster management, protection of facilities and persons, private investigation and law enforcement leadership management.

The Faculty of Law Enforcement has the features of both a university school and a police academy: students (who are law enforcement cadets under Hungarian law) have to attend theoretical classes, take exams and write papers, but they also have to wear uniforms while at the university, attend special training classes (shooting, officer safety etc.), obey the formal rules governing the life of law enforcement officers in the field, pay respect to the traditions of the law enforcement community and, in the first academic year, it is compulsory for them to reside in the dormitory on the campus.

7.3.2. DEAN OF THE FACULTY

Prof. Dr. Péter Ruzsonyi, Brigadier General Brigadier General Péter Ruzsonyi is serving his second term as Dean of the Faculty of Law Enforcement in this academic year (his first term was between 2012 and 2015). Besides, he is the Head of the Department of Corrections. He started his career as a correctional officer in Budapest and later became an internationally acclaimed expert and professor in the field of correctional science and criminal pedagogy. Professor Ruzsonyi teaches correctional officers and conducts research in the area of corrections applied in prisons, including education in correctional facilities. He has visited 183 prisons worldwide as an expert and gave lectures in Japan, the United States of America, Canada, Australia, South Africa, Estonia and Malta. Dean Ruzsonyi's international recognition is also proven by the honour that he is the representative of Hungary in EPEA (European Prison Education Association). He has many significant publications in the field of corrections and juvenile delinquency.

7.3.3. STRUCTURE OF THE FACULTY

The Faculty has the following institutes and departments:

- Institute of Law Enforcement Training and Education
- Institute of Disaster Management
- Department of Disaster Management Operations
- Department of Fire Protection and Rescue Operations Management
- Department of Industrial Safety
- Department of Immigration Studies
- Department of Corrections
- Department of Criminal Law
- Department of Criminal Procedural Law
- Department of Criminal Intelligence, Economic and Cyber-crime
- Department of Forensic Sciences
- Department of Border Policing
- Department of Public Safety
- Department of Administrative Policing and International Law Enforcement
- Department of Criminal Psychology
- Department of Criminology
- Department of Private Security and Municipal Policing
- Department of Investigation Theory
- Department of Law Enforcement Theory and Law Enforcement History
- Department of Behavioural Sciences and Law Enforcement
- Department of Law Enforcement Management Theory
- Department of Physical Education and Combat Sports
- Department of Customs and Finance Guard
- Department of Foreign Languages for Specific Purposes
- Department of Counter-Terrorism
- Department of Civilian National Security

7.3.4. DEGREE PROGRAMMES

Students at the Faculty are offered four-year full-time and three-year part-time BA programmes, two-year part-time MA programmes, three-term specialised further training courses, and also a four-year doctoral programme.

Degree Programmes in Hungarian

BA in Criminal Investigation (4-year full-time programme, 240 ECTS)

Specializations in:

- Criminal Intelligence
- Criminal Investigation
- Economic Crime Investigation
- Financial Crime Investigation
- Cybercrime Investigation

The goal of the Criminal Investigation BA Programme is to train highly qualified detectives who are able to conduct and eventually to lead investigations and to solve criminal cases. The specialisations prepare students for the different types of criminal investigations, but all focus on the special knowledge of criminalistics, criminology, criminal law and criminal procedural law needed to handle criminal cases and to obtain evidence regarding suspects. The Criminal Intelligence specialisation, which is not open to civilian applicants, introduces the covert intelligence methods allowed by law for use in Hungary in criminal cases. The Economic Crime Investigation specialisation adapts the existing overt and covert investigative methods to the fight against economic crimes and offers special classes in the field of financial law, commercial law and accounting. The Financial Crime Investigation specialisation prepares students to work in the Criminal Division of the National Tax and Customs Office. This BA programme is offered as a part-time programme as well, a good choice for non-commissioned law enforcement officers to obtain a BA degree in three years while working, to become eligible for appointment as a commissioned officer.



BA in Criminal Investigation Administration (3-year part-time programme, 180 ECTS)

Specialisations in:

- Criminal Intelligence
- Criminal Investigation
- Economic Crime Investigation
- Financial Crime Investigation
- Cybercrime Investigation

The goal and the content of the Criminal Investigation Administration BA Programme are mostly identical to the Criminal Investigation BA Programme mentioned before. The main difference between the two is that this is a part-time course, and the students are non-commissioned officers who are working in the field.

BA in Law Enforcement Administration (3-year part-time programme, 180 ECTS)

Specialisations in:

- Private Security (for civilians)
- Corrections (for correctional officers only)
- Administrative Policing
- Border Policing
- Migration Administration (for civilians)
- Traffic Policing
- Public Order Policing
- Customs and Excise Administration

The Law Enforcement BA Programme is the most diverse educational programme at the Faculty of Law Enforcement. It includes specialisations for classic police fields, but two civilian specialisations are also part of the programme. One of them is on private security, which prepares students to become CEOs or other leaders of private security companies offering protection for persons and property (even as armed security guards), or eventually private investigation services. The other civilian training is Migration Administration: students will have career opportunities in the National Directorate-General for Alien Policing, handling immigration cases. The Corrections specialisation is not open for the general public; only correctional officers can be enrolled into the programme, where they can improve their knowledge on handling, guarding, educating, and rehabilitating inmates. Traffic Policing is one of the classic police fields; the specialisation prepares police cadets to carry out tasks in traffic control. Public Order Policing specialisation graduates are trained to organise and carry out leadership tasks in activities related to police support units, maintaining public order, and managing special situations. The Public Administration in Police Matters specialisation is for police cadets who will work as police officers handling cases and matters under the jurisdiction of the police except for criminal cases and law and order matters, such as gun control administration, control over private security companies and procedures conducted against perpetrators of administrative infractions. Hungary does not have a separate border guard agency; the Border Policing specialisation is for police cadets who will later carry out tasks related to border enforcement (e.g. border surveillance, administration of aliens, conducting criminal investigations and

handling asylum cases.) Students choosing the Customs and Excise Administration specialisation will learn about the policy and law of tariffs, excise and trade. The Private Security, Corrections, and Migration specialisations are offered in the form of full-time studies as well.

BA in Law Enforcement (4-year full-time programme, 240 ECTS)

Specialisations in:

- Border Policing
- Migration administration
- Customs and Excise Administration
- Administrative Policing
- Public Order Policing
- Traffic Policing

The contents of the specialisations in this BA programme are for the most part identical to those in the Law Enforcement Administration BA Programme presented above. The main difference is that this is a full-time programme that lasts for four years instead of three. Originally, these specialisations were three years long as well but, in 2017, the programme was modified in order to improve the curricula of the specialisations and to be able to provide increased knowledge for students during their studies.

BA in Disaster Management (3-year programme, 180 ECTS)

Specialisations in:

- Disaster Management Operations
- Fire Protection and Rescue Control – only uniformed officers can apply
- Industrial Safety

The programme aims to train Disaster Management specialists who, employed by full-time professional local government or industrial fire brigades, are capable of carrying out tasks related to disaster management, fire protection, and industrial safety. They also need to possess the necessary knowledge of legislation, standards, principles, procedures, and devices applied in disaster, fire protection and industrial safety management. Graduates have career opportunities in disaster management, within fire prevention and fire brigades, in public administration and many different sectors of the economy.

MA in Law Enforcement Leadership Management (2-year part-time programme, 120 ECTS)

Specialisations in:

- Law Enforcement Theory
- Commanding Police Support Units
- Crime Analysis and Assessment
- Combating Organised Crime
- Integrated Border Management

Applicants can be enrolled into this master's programme if they are employed by a law enforcement or national security agency at the time of the application, they hold a university degree and they have served as officers at least for two years at a law enforcement or national security agency after graduating from university. The goal of the mas-

ter's programme is to improve students' leadership and management skills, to train law enforcement professionals who are suitable for mid-level or high-level leadership positions in the fields of justice, local government, corrections, policing, disaster management, private security and national security, as well as in the financial sector and positions at the National Tax and Customs Office.

MA in Disaster Management (2-year programme, 120 ECTS)

The Disaster Management MA course integrates the three professional fields of Disaster Management, namely civil protection, fire protection, and industrial safety, putting special emphasis on the development of the leadership skills of disaster management. The course aims to provide graduates with knowledge of disaster management law, defence and security policy, human resources policy and leadership, and management methodology as well. These main skills are all necessary to fulfil middle and senior management positions in disaster management, public administration and municipal bodies, and in private sector safety organisations.

MA in Criminalistics (2-year part-time programme, 120 ECTS)

Specialisations for:

- civilians,
- law enforcement officers.

Applicants can be enrolled into this master's programme if they are employed by a law enforcement agency at the time of the application, they hold a university degree, and they have served as officers at least for three years at a law enforcement agency after graduating from university. The goal of the master's programme is to improve the investigation skills of the students by introducing the traditional tools and methods used in criminalistics, but also the newest achievements in forensic sciences, by presenting and explaining all effective investi-

7.3.5. DOCTORAL SCHOOL OF LAW ENFORCEMENT

Established in 2015, the Doctoral School of Law Enforcement is currently the single doctoral school in Hungary explicitly focusing on research issues of law enforcement. Police sciences are in a unique position in the field of higher education in general, particularly in what pertains to research, development and training. The doctoral education in the Doctoral School of Law Enforcement is based on research-oriented scientific knowledge to facilitate the spread of knowledge-based police culture. The Doctoral School bears responsibility for ensuring the scientific quality of research in policing and also for conducting experiments that are "exploratory" in nature and serve as a scientific foundation of police science education and the operation of law enforcement organisations in alignment with the rule of law. The aim of the scientific activities of the Doctoral School of Law Enforcement is to improve the quality of national public service and to provide for its constant renewal; furthermore, its goal is to become an innovative and internationally acknowledged knowledge and development centre. In addition to the other faculties, institutes and organisational units of Ludovika-UPS, the Doctoral School intends to involve scholars from external partners (international partners, universities, and research institutes) to enhance the research programmes in law enforcement. The Doctoral School offers several formats of education; hence PhD students have the choice of full time (scholarship or self-financed) studies, part-time (self-financed) studies and individual training (self-financed) or individual preparation. The research themes of the Doctoral School of Law Enforcement fit into three main fields:

- general theory, history of policing, national security and policing
- special policing fields, EU and international relations within policing
- legal, sociological and criminological aspects of policing activity, including criminalistics in the field of policing.

gative measures and tactics that detectives have to use to solve criminal cases. Most of the subjects in this programme are connected to criminalistics and criminal procedural law. Graduates from the specialisation for law enforcement officers will be qualified to fill mid-level and high-level positions in law enforcement agencies.

MA in Security Management (2-year programme, 120 ECTS)

Applicants can be enrolled into this master's programme if they have 60 ECTS deriving from prior studies, in the following fields: law enforcement, social studies, legal studies, general management studies, special professional management studies, financial-economic studies, public administration and law studies, economic management studies and European Union studies. A precondition for admission to the master's training is that the applicant holds at least 30 credits in the studies listed above. Fifteen credits from work experience may be acknowledged. Missing credits must be acquired concurrently with the master's training. The goal of the programme is to train security managers who are capable of designing and operating the integrated security systems of civil law legal entities and public institutions, in cooperation with state and municipal law enforcement, security technology and security management specialists. Most of the subjects in this programme are connected to close protection and property protection, leadership skills, information protection and general corporate security studies. Graduates from the Security Management MA programme will be qualified to fill mid-level and high-level positions in private security agencies.

Specialised Further Training Courses:

Law Enforcement Organiser
Law Enforcement Economic Expert
Forensic Expert
Theory and Practice of Combating Organised Crime
Law Enforcement Spokesperson

7.3.6. INSTITUTE FOR DISASTER MANAGEMENT

The Institute of Disaster Management is an educational unit of the Faculty of Law Enforcement. It is responsible for providing high-quality training through the six-semester bachelor's and four-semester master's programmes in Disaster Management. The bachelor's programme offers three specialisations, namely Disaster Management Operations, Fire Protection and Rescue Management, and Industrial Safety. The Institute also provides the possibility to pursue doctoral studies in the field of Disaster Management at the University's Doctoral School of Military Engineering. The aim of the Disaster Management education programmes at the Institute is to train experts who are capable of carrying out tasks related to disaster management, fire protection and industrial safety, and who have the necessary knowledge of legislation, standards, principles, procedures and tools applied in disaster management. The mission of the Institute is to provide harmonised and planned training based on shared values and to enhance mobility in the students' future careers, as well as to support cooperation between public services.

Director of the Institute

Colonel Dr. habil. Gyula Vass was born in 1957. He has been leading the Institute of Disaster Management since 2017. Colonel Dr. Vass holds Master's degrees in civil engineering (1991) and fire engineering (1986). He defended his PhD thesis in the field of military sciences, disaster management in 2006 at the Zrínyi Miklós National Defence University. In 2016 he habilitated at Ludovika-UPS and he has been a full-time associate professor since 2017. He holds positions at fire and disaster management organisations as a firefighter, fire prevention officer, industrial safety expert and fire chief. He is a member of the Scientific Council for Disaster Management, the Technical Scientific Section for Nuclear Accident Prevention, and the Nuclear Energy Certification Commission.

7.4. FACULTY OF WATER SCIENCES

7.4.1. ABOUT THE FACULTY

The Faculty of Water Sciences is the youngest faculty of Ludovika-UPS, beginning its operation in Baja on 1 February 2017. Thanks to our predecessors, the Faculty has a legacy of over 50 years in higher education. The water science education in Baja has nationwide significance and appreciation. The water management of the future will fundamentally define the world's and Hungary's development, economic performance, food security, environmental status and also the life quality of the population. The availability of water in adequate quantities and quality and protection from water damage make water management a strategic sector, with engineering and water diplomacy knowledge being among the most important assets of our time. In the Civil Engineering, Environmental Engineering and Water Operation Engineering degree programmes of Ludovika-UPS, students are trained to meet the greatest environmental and social challenges of the 21st century and to handle the problems of water shortage and water management. In our two-year MA programme in International Water Governance and Water Diplomacy, a new programme in 2020, we offer up-to-date, practice-oriented education for practicing and future water managers, diplomats and national and international civil servants engaged in transboundary or global environmental issues.

7.4.2. DEAN OF THE FACULTY

Dr. Tibor Bíró PhD

Dr. Tibor Bíró graduated from the University of Debrecen as an agricultural engineer in 1994; and from the University of Veszprém as an environmental engineer in 2005. He defended his PhD thesis (Examination of the major environmental parame-



ters required for the establishment of water management interventions) in 1998.

His special field is the investigation of excess inland water phenomena and the application of integrated and adaptive water management. He also deals with precision drainage and irrigation systems.

He is a member of the Public Body of the Hungarian Academy of Sciences (HAS), the Hungarian Hydrological Society (HHS) and also of its Scientific Council. Mr. Bíró is the Chairman of the Section of Agricultural Water Management. He is a permanent member of the Scientific Council of the Government Coordination Committee at the National Directorate-General for Disaster Management and its Industrial Safety Advisory Board; he is also a member of the Scientific Council at the General Directorate of Water Management. He is a member of the National Council for Water Resource Man-

agement and Secretary of the Subcommittee on Water and the Environment (HAS). He was a permanent member of the Presidential Water Science Committee (HAS), the Professional Advisory Board of the National Water Strategy and a member of the Professional Advisory Board of the National Water Strategy (Kvassay Jenő Plan).

7.4.3. STRUCTURE OF THE FACULTY

The Faculty of Water Sciences consists of five Departments:

- Department of Regional Water Management;
- Department of Hydraulic Engineering;
- Department of Water and Environmental Security;
- Department of Water and Environmental Policy;
- Department of Water Supply and Sewerage.

7.4.4. DEGREE PROGRAMMES

Degree Programmes

BSc in Civil Engineering (An 8-semester, 240 ECTS training programme) in Hungarian and English

The course trains civil engineers in construction, operation, maintenance, management and administrative tasks. Our graduates are qualified to manage simple planning and research tasks independently, at a level aligned with the regulations. They are also able to participate in more complex planning tasks. After the acquisition of the necessary practice, our graduates also qualify as registered civil engineers for design and consultancy.

Most of our graduates establish their careers at public regional water management authorities and companies in the water sector. The practical knowledge gained by our graduate civil engineers is internationally recognised.

With specialisations in:

- regional water management (flood control, river management, drainage and irrigation, hydrology and hydrometry, integrated river basin management)
- water supply and wastewater treatment (urban water management and sewerage)

BSc in Environmental Engineering (A 7-semester, 210 ECTS training programme) in Hungarian and English

This course provides environmental engineers with up-to-date skills in ecology, technology, economics and management, so that they can organise and supervise disaster management and remediation activities. Our graduates have professional skills that enable them to reduce and eliminate existing environmental risks, harms, and damage, make sustainable use of natural resources, and implement and operate low-waste technologies. They can devise technological solutions for reclaiming waste and disposing of hazardous waste.

Our graduates possess general knowledge in the fields of environmental policy and the protection of nature and the landscape. They also have a good command of at least one foreign language and are able to liaise with foreign experts and participate in international teamwork.

With specialisations in:

- water management
- water and wastewater treatment

BSc in Water Operation Engineering (A 6-semester, 180 ECTS training programme) in Hungarian

The course trains water operation engineers, who will be able to work independently in the operation, maintenance and management of regional and urban water management facilities and contribute to administrative tasks. Our graduates establish their careers at public regional water management authorities and companies in the water sector. The practical knowledge gained by our graduate engineers is internationally recognised.

With specialisations in:

- regional water management (flood control, river management, drainage and irrigation, hydrometry)
- water supply and wastewater treatment (urban water management and sewerage utilities)
- hydrogeology and water acquisition.

English MA in International Water Governance and Water Diplomacy (a 4-semester 120 ECTS training programme)

The two-year MA programme in International Water Governance and Water Diplomacy offers up-to-date, practice-oriented education for practicing and future water managers, diplomats, national and international civil servants engaged in transboundary or global environmental issues. Based on a blend of natural and social sciences, extensive field training and project-based teamwork, the programme is aimed at enabling students to master complex water policy challenges, and decision and conflict situations, as the knowledge of how to prevent, manage and resolve water conflicts at the domestic and international level will be a critical asset for the prosperity and stability of any nation in the 21st century.



8. NON-FACULTY DEPARTMENTS



8.1. EÖTVÖS JÓZSEF RESEARCH CENTRE

The Research Centre was established on 1 February 2019 and currently operates with ten institutes and a research group. The main objective of the Centre is to conduct multidisciplinary research on a strategic level through its institutes on key research areas that have the potential to be incorporated into the educational activities and curriculum of the faculties. Due to its structure, the Centre is able to cover a broad range of research topics through its institutes. Research is conducted – among others – on America-related issues and American-Hungarian relations, cybersecurity and cyber-awareness, audiovisual media, intellectual property, the processes of the European Union, political theory, defence policy, strategic planning and military operations. The ten institutions and the research group are the following:

- American Studies Research Institute
- Europe Strategy Research Institute
- Research Institute of Competitiveness and Economy
- Institute of the Information Society
- Institute of Cyber Security
- Institute of Central-European Studies
- Thomas Molnar Institute for Advanced Studies
- Research Institute for Politics and Government
- Institute for Strategic and Defence Studies
- Religion and Society Research Institute
- Outer Space and Social Sciences Research Group

The Centre also aims to strengthen cooperation between Ludovika-UPS and other institutes of higher education and research institutions.

Director of the Eötvös József Research Centre

Dr. Bernát Török has been leading the Eötvös József Research Centre since 2019. He is a lecturer at Ludovika-UPS from 2015 onwards and since 2019 he has been an associate professor at the Department of Constitutional and Comparative Public Law of Ludovika-UPS. His areas of research are freedom of

expression and new technologies, the regulation of platforms, artificial intelligence and fundamental rights. Director Bernát Török earned his PhD degree from the University of Szeged, Faculty of Law and Political Science in 2018. Between 2010 and 2018 he worked as a senior advisor at the Constitutional Court of Hungary. Prior to that, between 2006 and 2010, he was the head of Cabinet at the National Board of Radio and Television.

8.1.1. AMERICAN STUDIES RESEARCH INSTITUTE

Complementing the diverse faculties of the University, the Institute brings together scholars, practitioners and career professionals in their fields to provide access to an array of multidisciplinary research tools and information resources on contemporary political, economic and national security developments in the United States. The Institute regularly welcomes visiting scholars and professionals from the U.S. and Europe, particularly those whose expertise includes not only America-related issues, but also matters directly or indirectly relevant to the interests of Hungary and its Central European neighbourhood. The Institute also sponsors a host of educational and research programmes and activities of interest both for students and faculties, and has launched a publications programme aimed at addressing many of the top U.S. policy issues of our time, particularly those that impact the Central European region.

Balázs Mártonffy is the director of the American Studies Research Institute and a non-resident fellow at the International Center for Security and Leadership in Colorado.

In his policy career, Balázs was most recently the Deputy Director for Security Policy at the Hungarian Ministry of Foreign Affairs. He previously served as a civilian defence official with the Hungarian Ministry of Defence and as a defence policy intern with NATO's international staff in Brussels. His work on international security, great power politics and alliance cohesion has been published by Routledge and ABC-CLIO, and appeared in The Washington Post's Monkey Cage, War on the Rocks, The Conversation, International Security Network, Atlantic Community, and in various Hungarian outlets as well.

8.1.2. EUROPE STRATEGY RESEARCH INSTITUTE

The Research Institute contributes to the development of the European policy of Hungary, analyses Hungarian and European processes, and conducts and organises multidisciplinary research in relation to the history, functioning, and future of the European Union, the common values of the European states that underpin the European unification process, the European idea and the issues of European integration.

The Europe Strategy Research Institute is led by Dr. Tibor Navracsics, former Minister of Public Admin-

istration and Justice and Deputy Prime Minister. Tibor Navracsics was European Commissioner for Education, Culture, Youth and Sport between 2014 and 2019. In 2006–2010 he served as elected MP for Veszprém from the county list, head of the parliamentary group of Fidesz – Hungarian Civic Union, a fraction leader for Fidesz and a member of the Committee for Constitutional and Judicial Affairs.

8.1.3. RESEARCH INSTITUTE OF COMPETITIVENESS AND ECONOMY

The Research Institute analyses the conditions of and trends in national competitiveness, and its international methodology, with special regard to the economic policy and public finance conditions. The Institute develops its research connections with international and domestic organisations involved in measuring and developing competitiveness. The Institute strengthens the synergies and cooperation between the University's economics departments and other Hungarian economic research institutes.

Dr. Gábor Kutasi, who holds a PhD in economics, is the head of the Research Institute of Competitiveness and Economy at Ludovika-UPS. He was a docent at Corvinus University of Budapest between 2002 and 2017. His PhD thesis was about the fiscal policy of new EU member states in relation to monetary integration and competitiveness. He habilitated in 2016 at Corvinus University of Budapest. His main research fields: fiscal policy, exchange rate policy, labour migration in the EU, trade theory and industrial clusters. Previously, he was a researcher in the ICEG European Centre's economic research team, and lecturer at the International Business School; he also worked for GKI Economic Research Co. as an external researcher.

8.1.4. INSTITUTE OF THE INFORMATION SOCIETY

The Institute of the Information Society at Ludovika-UPS (Budapest) advances interdisciplinary research that aims to explore the deep impact of infocommunication services and new technologies on our individual and social life, fundamental rights and democratic public discourse. In the Institute, researchers with diverse academic backgrounds and practical experience work together to analyse and understand the complex features and dilemmas of the information society. The Institute seeks to follow the flowing reality of information, big data and communication, to identify developments that need to be addressed by regulation and to elaborate policy recommendations. The Research Institute seeks to take an active part in the vibrant international academic and public discussions about the challenges of our 21st-century digital culture. The Institute of the Information Society is led by Director Dr. Bernát Török.

8.1.5. INSTITUTE OF CYBER SECURITY

The Research Institute aims to promote the University's research effectiveness and to coordinate the research cooperation with the relevant high-



er education, governmental and international actors, building upon the synergies between university research projects on cyber-security, especially through the coordination of research in the field of information security, cybercrime, cyber-warfare, cyber-defence, and related information technology studies.

The head of the Institute is Dr. Csaba Krasznay, who has been an Associate Professor at Ludovika-UPS since 2012. Csaba Krasznay conducts research into cyber-security at Ludovika-UPS, where he also leads several projects and a Master's Degree programme. He has been a research fellow of TalTech University in Estonia since 2019. He is a member of the board at the Hungarian E-government Association and Voluntary Cyber-Defence Coalition. He received his MSc in 2003 in Electrical Engineering at Budapest University of Technology and Economics, and his PhD at Ludovika-UPS in 2012. He was elected as the "Most Influential IT Security Expert of the Year 2011".



8.1.6. INSTITUTE OF CENTRAL EUROPEAN STUDIES

The Research Institute conducts multidisciplinary research on the common historical and cultural heritage of the Central European countries, their political and administrative traditions their relationship with other European countries with different constitutional traditions, and highlights possibilities for future cooperation between these states. The Institute also organises inter-institutional training courses on these subjects.

Dr. Pál Hatos is a historian and legal expert. He began his career as a high-school teacher at the Piarist High School of Budapest then taught at the Department of Cultural History at ELTE. He earned his PhD in 2000 with a dissertation on the history of ideas of the Reformation of Geneva. In 2001/2003 and 2004/2005 he was a guest lecturer at Indiana University in the USA. Besides his academic work, he worked at the Ministry of Justice and the Ministry of Education. He was the Head of the Office of the Hungarian Committee of Scholarships, then he was the Chancellor of the Moholy-Nagy University of Art and Design between 2006 and 2010. From 2010 until 2014 he was the Director of the most important institution of Hungarian cultural diplomacy, the Balassi Institute. In 2014 he was elected Vice-President of the EU National Institutes for Culture. Since March 2015, he has been the Dean of the Rippl-Rónai Faculty of Art of the University of Kaposvár, where he is also the Director of the Institute of Theory of Art and Cultural Studies.

8.1.7. THE THOMAS MOLNAR INSTITUTE FOR ADVANCED STUDIES

The main aim of the Thomas Molnar Institute for Advanced Studies is to conduct research on the development of the Hungarian and international political thinking in the 19-20th centuries and to support those researchers who deal with this research area.

The so-called “Research Group for the Present Times,” charged with the preservation of the most important documents of the political transitions of 1990, also belonged to the Centre until 2016. From now on, the Archive and Library of Ludovika-UPS is taking on the preservation of the archive documents.

Dr. Attila Molnár Károly is an Associate Professor with habilitation and the Head of the Thomas Molnar Institute for Advanced Studies. His research areas are sociology and political sciences including the history of ideas. He has been a researcher at Ludovika-UPS since 2013. He habilitated at Pázmány Péter Catholic University in 2005, presenting a dissertation written about Edmund Burke. He is a guest lecturer at many foreign universities.

8.1.8. RESEARCH INSTITUTE FOR POLITICS AND GOVERNMENT

The mission of the Research Institute is to pursue research into political theory and the theory of government within the disciplinary frameworks of government studies and political philosophy. Its main objective is to publish in the reputable national and international forums of these disciplines, but it will also organise conferences at home and abroad to become integrated into the leading national and international research networks of the aforementioned sciences. The Institute takes responsibility for cultivating scholarships in the Hungarian language, but it is also eager to participate in international programmes, in the best traditions of Hungarian academia. Its primary aim is high-standard theoretical work, excluding partisanship or party-political engagement, but with the intention of returning the direct educational benefits to the alma mater and also of serving the general public in well-established as well as novel forms. Dr. Ferenc Hörcher is a political philosopher, historian of political thought, and philosopher of art. He studied in Budapest (Hungary), Oxford (UK), and Brussels/Leuven (Belgium). He is director of the Research

Institute of Politics and Government and senior researcher at the Institute of Philosophy of the Hungarian Academy of Science. He was visiting professor at the Jagiellonian University, Kraków (Poland), and the Babes-Bolyai University in Cluj-Napoca (Kolozsvár, Romania). He researched in Vienna (Austria), Göttingen (Germany), Wassenaar (Holland), Cambridge (UK), Edinburgh (UK), and at Notre Dame University (USA). His research interests include conservatism and liberalism, the history of early modern political thought, classical Hungarian political thought and early modern and contemporary philosophy of art.

8.1.9. INSTITUTE FOR STRATEGIC AND DEFENCE STUDIES

The Institute for Strategic and Defence Studies is the successor of the Institute for Strategic and Defence Studies established in 1992. As a consequence of the continued reform of the wider institutional framework, the former Institute functioned in various arrangements under the Hungarian Ministry of Defence, then from 2007, under the National Defence University, and finally, from 1 January 2012, under Ludovika-UPS.

The Institute’s mission is to provide decision-makers with appropriate and up-to-date background analysis in the fields of security and defence policy, strategic planning, and military operations, as well as to observe and analyse the relation of the Hungarian armed forces to Hungarian society. Besides, the ISDS is actively involved in the social dialogue and discourse on ‘security’ through the media and education.

The Head of the Institute is Dr. Péter Tóth, senior research fellow of Ludovika-UPS. Péter Tóth was the Dean of the Faculty of International and European Studies at Ludovika-UPS between 2014 and 2019. He was also the Director of the predecessor of the Institute, the Centre for Strategic and Defence Studies. Péter Tóth earned his Master’s degree from Eötvös Loránd University of Sciences, Faculty of Humanities in 1985. In 1993 he completed his PhD in Modern and Contemporary History. In 1997 he was a Candidate of Political Sciences at the Hungarian Academy of Sciences. Péter Tóth is the Editor in Chief of the Hungarian journal “Nemzet és Biztonság” a peer-reviewed journal on security and defence policy in Hungary.

8.1.10. RELIGION AND SOCIETY RESEARCH INSTITUTE

A new research institute, named the Religion and Society Research Institute, started its operation at UPS. The aim of the new institute is to conduct research on the societal and political role of religions and disseminate its findings to a broad audience, including members of the national and international academic sphere and members of the public. This topic is of particular importance in the light of the trend that has emerged in recent years, according to which the importance of religions in public life is not diminishing; religion is not becoming a “private matter”, and the functioning of modern states cannot be examined without taking into account re-

ligious traditions, communities and values. At the same time, it has become clear that the Western world cannot be characterised as a kind of ideological vacuum but, on the contrary, there is a contest between a wide variety of different belief systems. The planned research will focus on the social doctrine of the Christian churches and the Christian roots of the West, as well as on the global engagement of other world religions, Islam and some Asian religious traditions. The issue of persecution and discrimination on the basis of religious belief will also be an important area, as will the analysis of the relationship between religions and rival secular belief systems.

The Institute is led by Tamás Nyirkos, who is also an associate professor of political science at the Pázmány Péter Catholic University. As a political philosopher, his research topics are democratic theory, the tyranny of the majority, and (so-called) secular religions. He is the author of three books in Hungarian and a book in English, titled *The Tyranny of the Majority: History, Concepts, and Challenges*, which was published by Routledge in 2018.

8.1.11. OUTER SPACE AND SOCIAL SCIENCES RESEARCH GROUP

The use and exploration of outer space is now one of the most dynamically developing areas, the results of which are becoming part of our everyday lives. While natural science research related to space has been at a high level in Hungary for a long time, legal and other social sciences have hardly been discussed with scientific needs in relation of space exploration.

However, at the dawn of the new space age, the problems and uncertainty surrounding the questions of space mining, space traffic management, space debris, etc. need clear legal, regulatory answers. Moreover, Hungary is preparing to develop its space capabilities significantly in this decade. In view of the above, the University of Public Service of Hungary has decided to take the initiative and address legal, security and sociological issues. The tasks of the recently established research group are threefold:

1. Bringing together the leading researchers and experts from Hungarian scientific life with the aim of researching space law and space policy.
2. Promoting the education of future practitioners and researchers through curriculum development.
3. Involving the university, in cooperation with other Hungarian and foreign universities, in international scientific cooperation through joint research projects and conferences.

The head of the research group is Balázs Bartóki-Gönczy, who is an assistant professor of the Faculty of Public Governance and International Studies, Department of Public Communications at Ludovika-UPS and a member of the Council of the Institute of Telecommunications and Space Law, Paris (IDEST). His research interests are space law, electronic communications law and new media regulation.



8.2. OTHER CENTRAL INSTITUTIONS

8.2.1. INSTITUTE FOR NATIONAL SECURITY

The Institute for National Security is responsible for national security education and training under the direct control of the Rector. The Institute is rooted in the Department of Military National Security, which began the training of military national security specialists at the former military higher education institution in the early 2000s. Given the increasing number of civilian national security experts involved in the training, it was a logical step from the new university to organise training courses within its institutional framework, through military and civilian departments, in the form of civilian and military specifications corresponding to the needs of the clients. The bachelor's and master's programmes are provided mainly through correspondence courses and may be attended by members of the military and civilian national security services or of law enforcement agencies authorised to collect secret information. In addition to responding to the general statutory requirements, applicants must have the recommendation of the commander in charge of training enrolment and undergo security screening that does not reveal any risk factors. All this is needed to create and maintain a safe environment, a precondition for deep factual education and research. Throughout the training, we strive to bring practice and theory into synergy to provide qualified professionals and commanders to the military and civilian national security services and special police services.

The Institute offers a wide range of training courses: National Security Bachelor's and Master's Training (military national security specialisation), Civil National Security Bachelor's and Master's Training (human intelligence, technical intelligence and counter-terrorism specialisation) and lectures given in the course of the so-called "Joint University Module" (the syllabus of which is available online as well). Through these lectures, every student of the University can learn the basics of national security.

In cooperation with the Military National Security Service, the Institute provides a national security senior management course, in the form of a correspondence course, with a duration of a year and a half (the course syllabus of the Institute is available online as well). The Institute also provides teaching at the Senior Management Military Course (Felsővezetői Katonai Tanfolyam, FVKT) and at various doctoral schools. The College of National Security and the National Security Review, established in 2013, actively contribute to scientific research on the theory of national security.

The Institute enjoys the distinguished attention of the University's management and the personal and professional support of its clients, which are the national security services. The Institute has developed and aims to develop further its extensive cooperation with the actors of the public administration, law enforcement, and higher education sectors.

The purpose of the Institute

The basic purpose of the Institute is to provide Bachelor's (BSc) and Master's (MSc) training for the professional staff of national security services within the framework of university education.

The Institute runs a National Security Senior Management Course to provide the next generation of senior managers for the national security services. In addition to this, the Institute organises, directs and participates in the implementation of the tasks related to the doctoral (PhD) and senior management (general staff) training provided in the field of national security science. Primarily in connection with education and curriculum development, the Institute carries out scientific research in the field of national security and liaises with procuring organisations, as well as with domestic and foreign professional and scientific workshops and research centres. It also participates in education and research related to national security provided by the faculties and institutes of the University or by other institutions.

To this end, the Institute plans the educational tasks of national security and civilian national security training. With the involvement of officers responsible for the training, specialisations, and courses, it guides and coordinates the education and curriculum development of all related subjects. In accordance with the training programmes of the University and the training courses and specialisa-



tions of other faculties and institutes of the University, and based on curricula developed according to the justified needs, the Institute provides knowledge on the theoretical framework of national security, intelligence and disarmament to establish and develop the knowledge of university students and broadening their general knowledge, thus helping to promote awareness of national security. The Institute organises and conducts scientific research on national security with the involvement of the lecturers and students of the BSc, MSc and PhD programmes.

The tasks of the Institute

- Teaching tasks: The Institute fulfils its educational tasks through participation in Bachelor's (BSc), Master's (MSc) and Doctoral (PhD) courses, both in full-time and correspondence courses. Following the needs of the clients and the commitments of the University, the Institute contributes to the educational tasks of various training courses through its work with different departments. At the request of different departments and corresponding to their BSc, MSc, PhD and senior management (general staff training) courses, the Institute expands its supply of subjects in accordance with the goals and needs of the University.
- Research tasks: The Institute carries out its research tasks following the University's scientific plans and contributes to their development. The Institute publishes the research findings in the form of university notes, other teaching materials, textbooks, monographs and other publications, in particular journal articles.



Director of the Institute for National Security

Prof. Dr. Col. István Resperger has been the Director of the Institute for National Security since 2012. In 1997 he graduated summa cum laude from the Zrínyi Miklós National Defence University. In 1997 he won a Pro Scientia gold medal for his outstanding academic and scientific work. In 2002 he was granted a PhD degree "summa com laude" in military science from the Zrínyi Miklós National Defence University. Between 2002 and 2004 he was a student of the General Staff Training Course at the Leaders Academy in Hamburg with the aim of reforming the Hungarian senior management training, once he had returned to Hungary. From 2004 to 2005 he served as Deputy Commander in the General Staff Training Course. In 2005 he was promoted to Commander. In 2008 he was awarded the Bolyai Research Scholarship. Since 1996 he has been lecturing on the subject of military science; since 2005 he has been a course leader at the Doctoral School of Military Sciences, as well as teaching theoretical and practical subjects in the Senior Management (General Staff Training) course. Besides his memberships of several editorial boards and associations, he is also a founding member of the Institute for National Security (2013). In 2014 he habilitated at Ludovika-UPS and received his appointment for university professorship on March 15 2019. In his scientific research, he mainly deals with the characteristics of crises, wars, conflicts and crisis management tasks. He has analysed current crises, their main causes and the characteristics and experiences of military operations in several articles and conferences. His main research areas are the possibilities of combating international terrorism and asymmetric and hybrid warfare.

8.2.2. INSTITUTE FOR STRATEGIC STUDIES

The Institute was established in February 2019. The Institute is responsible for planning and organising Hungarian and international training programmes of special importance for the strategic management of the public sector. The Institute focuses on Central European and kin-state cooperation, international relations, talent management and global development policy, and its task is to coordinate and support the cooperation of university colleges for advanced studies.

An important pillar of the activities of the Institute is the professional management of the "Europe of Nations Career Programme" launched in September 2020. The Institute organised a successful Orientation Day, where the participants in the Programme created a Charter and chose the name of a pro-European politician (no longer living) they represented during the first class (this year: the "József Antall" Class, named after the Prime Minister of Hungary 1990-93). Contributing to EU-professional training, the Institute also organised several skills development (communication, negotiation, conflict management) training sessions for participants in the Programme. On the one hand, the pandemic situation has made the international activity of the Institute difficult this year; for example, the College of Visegrad+ course – another pillar of the Institute – had to be postponed until the next academic year but, on the other hand, the online space provided new possibilities to reach out to a wider audience. The Institute organised several successful online conferences:

- Conference on the occasion of John Lukacs's 97th birth anniversary "Tocqueville, Lukacs and the situation of the American Democracy" on 29 January 2021;
- Conference on the occasion of the 30th anniversary of the Visegrad Cooperation „The Role of the Visegrad Cooperation in shaping the Future of Europe" on 11 May 2021;
- Online conversation series "Quo vadis Europe after the German and French elections? - first guest was Klaus von Dohnanyi, politician (Social Democrat) and former Mayor of Hamburg, on 4 June 2021;
- „Christianity and Policy Space in the 21st Century" on 7 June 2021;
- Online conversation with Alexander graf Lambsdorff "Perspectives of the German Foreign Policy" on 28 June 2021.

The Institute for Strategic Studies has also launched an online blog – or even an online space for mini-essays – called “Messzelátó” (Telescope) on 6 January 2021 in order to put developments into the spotlight that directly or indirectly affect national lobbying activities, in order to facilitate an understanding of Hungarian intentions and the political, economic and social processes of other European countries.

Director of the Institute

The director of the Institute is Ambassador Gergely Pröhle. He studied German, Hungarian studies and International Relations at Universities in Budapest, Jena and Hamburg. He graduated from the Faculty of Arts of Eötvös Loránd University in 1989. During his professional career, he worked at the Department of

Foreign Languages of the Eötvös Loránd University, headed the Hungarian representation of the Friedrich Naumann Stiftung and, in 1998, became State Secretary for Administration at the Ministry of Culture. From 2000 to 2005 he served as Ambassador of Hungary to Berlin and then to Berne. After that, he worked in various positions in the Ministry of Foreign Affairs, with an interruption of four years when he worked in the business sector for an international consulting company. As Deputy State Secretary at the Ministry of Foreign Affairs and then at the Ministry of Human Resources, he oversaw EU relations but his portfolio also included V4 Cooperation and the Central European Initiative. Since 2006, he has been the secular leader of the Hungarian Lutheran Church. He has received high German, Italian and Polish state awards. He has four children.

8.2.3. INSTITUTE FOR PUBLIC ADMINISTRATION FURTHER TRAINING

Head of Institute – Balázs Klotz

Balázs Klotz is a public administration consultant and certified public administration manager. He has been involved in the further training of public administrators and the administrative examination system since 2001. Since 2012, he has been working at the Institute for Public Administration Further Training at Ludovika-UPS, which he has overseen as Director since 2017.

He actively contributes to the development of the legal environment of the public service training and examination system with professional proposals. He has been involved in the design and implementation of several EU-funded projects.

His responsibilities include coordinating the organisation of administrative examinations at the national level, developing the electronic training management interface, and communicating and networking with the strategic partners of the public service training system of Ludovika-UPS.

Since 2012, Ludovika-UPS has been operating the public service further training system. The Institute for Public Administration Further Training is responsible for the conduct of further education and training in public service and the development of training programmes. The further training system has undergone significant changes in recent years, as it has to cope with the ever-changing social environment and meet the challenges posed by the new generation entering the civil service as well. As a result, the further training system today offers training programmes based on the individual development needs of administrators, modern learning tools (e-learning training, virtual classrooms), development programmes for the personalised career mobility of administrators (new in-service training, qualification training programmes). Based on real training needs, it offers self-improvement and learning experience for the entire civil service corps.

The training courses consist of competence development classes based on active participation and creative, compelling study materials that facilitate the acquisition of theoretical knowledge. In addition to experiential learning, the sessions available in the training encourage administrators to think independently and improve their problem-solving skills.

Main tasks of the Institute:

- to run the entire education and examination system of further training, in order to ensure the continuing education of 68,000 civil servants countrywide;
- to develop and provide compulsory training for all public servants (except for a few institutions);
- to secure the most effective “learning environment” by creating e-learning platforms and providing online virtual classrooms;
- to improve teaching and learning methodologies (on-the-job; action learning) and to foster learning effectiveness;
- to provide leadership development and training programmes for executives of public administration

Target group

The target group for public service further training is government administrators and civil servants. Civil servants and government administrators obliged to undergo further training may fulfil their training obligation by enrolling in the courses included in the list of further training programmes. The completion of further training is measured by a system of study points.

Further training programme offer

In 2020–2021, Ludovika-UPS provided nearly 200 public service training courses for civil servants, most of which were e-learning courses, but it also included blended learning and attendance trainings. As in previous years, in 2020–2021, Ludovika-UPS’ e-learning training materials were the most popular among administrators. This lies in the flexibility

of e-learning training: administrators can complete training in accordance with their own learning needs and schedule, regardless of time and geographical location.

Nearly 2,500 people were trained within the framework of training based on attendance and blended learning methodology. This includes the training of about 500 managers.

Actors in the further training system

The operation of the public service training system is ensured by the continuous cooperation of several governmental and non-governmental actors. In addition to the ministerial management of the further training system, the Council for Public Service Further Training is responsible for the inclusion of further training programmes in the further training system (qualification, assignment of points) and the selection of trainers and experts.

The Institute for Public Administration Further Training performs the task of developing public service training programmes, as well as the training of the participating lecturers and experts, and also ensures the quality assurance of the system; and the institute is a producer of e-learning materials and a maintainer of the Probono training platform.

Methodology and technology

The Probono system is the digital teaching/learning portal of Ludovika-UPS, which provides a wide

range of services to administrators to expand their professional knowledge and to develop their competencies, as well as to organise training sessions. Probono is also one of the largest e-learning portals in Hungary; it is the University’s own development. The system serves the needs of nearly 120,000 active users, taking the relevant legislative framework into account.

Probono provides an opportunity for users to plan and track their learning and training paths. The system also supports the learning activities of administrators, as the system can be used to complete training courses based on an e-learning methodology, as well as for competency measurement.

It uses the most up-to-date tools of learning methodology and technology, in the form of interactive videos with live characters, simulation e-training, rapid learning training materials, intelligent documents, “serious” games, and quiz applications offered for the civil servants in order to expand their knowledge and foster skills development.

The most impressive and typical elements of the system are the user-friendly presentation of the materials, self-evaluation tests, and further extras in order to intensify the learning experience.

A system of further training and examinations cannot operate properly without the support of quality assurance according to the European standards. The operational processes are described by quality procedures that apply to all organisers and participants.

Postgraduate and specialist training programmes

In 2021, the Institute handled 16 specialised further training courses, in which a total of 442 people obtained diplomas certifying specialised professional qualifications.

In 2021, more than 40 students could finish their studies in two new further training programmes: Executive Diplomatic Leadership and Public Service Media Journalist and Editor.

Postgraduate Specialist Training Course	Total number of graduates in 2021
Public Finance Management and Control	28
Digital Regional Development	8
Executive Diplomatic Leadership	22
Electronic Information Security Manager	79
EU Data Protection Consultant	28
Cohesion Policy Specialist	50
Integrity Advisor	48
Public Service human resource manager	9
Public Procurement Advisor	58
Public Service Information and Document Management	18
Trainer of Public Service Competence Development	6
Public Service Media Journalist and Editor	19
Public Service Protocol	27
Election Administration	13
Leadership and Financial Management in Public Service	23
Water management and governance specialist	6
Total:	442

8.3. INTER-INSTITUTIONAL EDUCATION PROGRAMMES

8.3.1. HUNGARIAN DIPLOMATIC ACADEMY

The Hungarian Diplomatic Academy, through the cooperation of Ludovika-UPS and the Ministry of Foreign Affairs and Trade, is launching two training programmes: the Diplomat Training Programme and the Diplomatic Leadership Programme. These will provide for the supply and further training of specialists needed to implement the tasks of the public service in the field of foreign affairs.

The Diplomat Training Programme aims to provide the Ministry of Foreign Affairs and Trade with a large supply of specialists having a wide range of skills. The training programme is open to anyone who meets the requirements for admission. The basic requirements having Hungarian citizenship, full legal capacity, a clean criminal record and a degree at BA/BSc-level at least (the degree certificate must be available by the start of the Programme), an adequate level of knowledge of foreign languages (advanced knowledge of English and intermediate knowledge of another foreign language). Candidates must also consent to undergo national security screening.

In the first semester, participants complete theoretical and practical courses. In the framework of various skills development courses and interactive thematic training sessions, they can acquire the professional and linguistic knowledge necessary for a career in the foreign service, while in the second semester they complete internship programmes at the Ministry of Foreign Affairs and Trade and Hungarian missions abroad. Students in the training programme receive a ministry scholarship during both semesters. The languages of the training are Hungarian and English. Graduates of the Diplomat Training Programme will have the opportunity to join the Ministry of Foreign Affairs and Trade: the positions offered will be in Hungary, depending on the vacancies, and later, as for other ministry employees, the opportunity to apply for positions at missions abroad will be open to new employees as well.

The Diplomatic Leadership Programme aims to establish a hybrid approach – so far unknown in Hungary in the field of diplomatic training. The training programme combines the elements of professional diplomatic training, skill-oriented development training, and business-focused higher education programmes. The target group for the training programme is government administrators and civil servants working in the field of diplomacy or international relations in the public and central administration sector. The training programme is designed for invitation-based participation: the call for applications will be sent to the institutions of the target group. The languages of the training are Hungarian and English. Since January 2021, the Diplomatic Leadership Programme is an accredited postgraduate specialist training course of Ludovika - UPS, providing the participants with the qualification of an Executive Diplomatic Consultant with a university certificate.

For a detailed professional description of the training programmes and current news of the Hungarian Diplomatic Academy, please visit the website of the Academy: <https://www.magyardiplomaciaiakademia.hu/>.

8.3.2. EUROPE OF NATIONS CAREER PROGRAMME

The Europe of Nations Career Programme was launched in September 2020, in cooperation with the Ministry of Justice, with the objective of preparing young Hungarian professionals and public servants for a successful selection procedure at the European Personnel Selection Office, thus increasing the overall number of Hungarians in the institutions of the European Union. In order to enhance the efficiency of the lobbying skills of Hungary within the EU it is of vital importance to educate highly qualified, well-prepared young Hungarian professionals and public servants who possess the proper EU-institutional, legal and language knowledge.

The Programme is supervised by Gergely Pröhle, Programme Director and Head of its Governing Board. The duration of the first “Europe of Nations Career Programme” was 6 months but from the second year, it has been extended to a one-year programme. The location of the training is the Ludovika Campus.

The main aims of the course:

- professional preparation for European public service, conducted by distinguished professors and lecturers;
- preparation for the selection procedure of the European Personnel Selection Office (EPSO),
- improving language skills through professional language courses.

Requirements for application:

- Hungarian citizenship,
- at least 8 completed university semesters, or
- BA-/MA-degree
- under the age of 35
- high level of English and knowledge of at least one other official EU-language
- successful fulfilment of the selection process (orientation interview).

Main subjects of the Programme:

History of the EU and its institutions, EU law, EU policies and decision-making, Differentiated integration in theory and in practice, EU communication, Current economic challenges of the EU, EU Diplomacy, EU policy of Hungary – efficient lobbying, Lobbying in the EU in practice – case studies, Career in the European Parliament – coordination of Hungarian positions, EU professional language, Career planning. The courses (5 professional and 5 English EU-language classes a week) run in smaller groups for better efficiency. Contributing to the EU-professional trainings, there are other skills development (communication, negotiation, conflict management) trainings as well. The Programme ends with a final exam and a practice EPSO test. Those who pass the exam (with a result of at least 70%) receive a certificate. In February 2021, at the end of the first year of the “Europe of Nation Career Programme”, 47 participants successfully passed their final exams and received their certificates.

9. RESEARCH



The research priorities of Ludovika-UPS are:

- focusing on developing state efficiency indicators related to state reform priorities (defence, public safety, justice system, corporate competitiveness, tax bureaucracy), following the methodology of the Good State and Governance Report;
- strengthening the position of the discipline of governance studies and comparative governance studies;
- developing a knowledge centre concerning local governance, local democracy and local development strategies;
- conducting research on E-government services and cyber-security with a focus on IT development;
- conducting research on sustainable development with an emphasis on water governance, climate change, food security, social capital, culture of sustainable living;
- elaborating a comprehensive system of indicators and evaluation mechanisms for measuring the efficiency of the defence sector, and a set of indicators and evaluation mechanisms for the capacities of the state in the areas of public safety, law enforcement and legal certainty;
- conducting research on military science and technology in the service of national defence.



The development challenges of and critical conditions for a sustainable, secure and prosperous society in the countries of Europe, especially in the Central European region, are basic research, interdisciplinary research, applied research for innovative solutions technologies, and building an innovation ecosystem.

national policies, European integrations, global integrations

state and governance, legal system and administration

national economy, globalisation

law enforcement and defense, national security

environmental safety and sustainability, energy policies

information society, information technology, digitization and AI

defense and security technologies

management sciences

Doctoral School of Military Sciences • Doctoral School of Military Engineering
Doctoral School of Public Administration • Doctoral School of Law Enforcement

Faculty of Public Governance and International Studies

In the academic year 2020/21, the Faculty participated in the “Thematic Excellence Programme 2019” within the framework of the Research Workgroup on Social Sustainability. During the period of implementation, 18 studies (9 in Hungarian and 9 in foreign languages) and 9 volumes of studies were completed. In addition, the Rector’s directive established the Network Studies Research Workgroup, which operates within the Faculty, for a period of five years. The research programme of the Research Workgroup explores the applicability of network science methods in various fields of public policy. It aims to assess and develop the international knowledge available, primarily through the publication of high-quality international papers. In its research, it seeks to cooperate with national public administrations and research centres. The aim of the Research Workgroup is to promote network science tools and network thinking in the field of public administration and governance, and to examine public administration issues that are curricular in network science methods. A direct precursor of the Research Workgroup was a research project operating at the University, which in 2018-2019 contributed to the development of the Network Research Strategy coordinated by the Digital Wellbeing Programme and conducted pilot research related to public administration. The Research Workgroup is currently dealing with issues and projects on the precedence-effect in the practice of the Constitutional Court, on information security challenges and fake news propagation during the COVID-19 pandemic, and academic excellence in higher education.

In addition to research, the Faculty’s leadership has also focused on talent management and staff training. The Faculty’s Scientific Students’ Associations Conference was held in November 2020. Eighty-one papers were presented by students and 47 consultants helped the preparation of the candidates. In view of the emergency situation, only the presenters, the jury and the jury assistants were allowed to participate in person; others joined the event online. The jury recommended 65 candidates to go forward to the National Scientific Students’ Associations Conference (OTDK). Including the students delegated in 2019, a total of 78 papers from the Faculty were admitted to the OTDK, taking place as a virtual event in May 2021.

As a result of the initiative of Dr. Tamás Kaiser, Vice-Dean for Science Affairs and the organisational and coordinating work of Csaba Fási, internal training sessions became a tradition, starting in spring 2019, to enhance the scientific visibility of teachers, researchers, doctoral students and students of Colleges for Advanced Studies at the University. In Spring and Autumn 2020, online training sessions were held on issues related to scientific visibility and science metrics, MTMT management in relation to promotion requirements, and methodological skills to underpin empirical studies. Dr. Péter Sasvári, Sándor Csuhai and their colleagues

contributed to the training sessions. There has been a huge interest in the training courses, with around 120 participants since their launch in 2019, a significant proportion of whom were teachers, researchers and students from the faculty.

Faculty of Military Sciences and Officer Training

The six most important lines of research of the Faculty are strategic leadership, future armed forces, challenges of hybrid warfare, human issues of armed forces, the use of modern technology in armed forces, and regional geopolitical crises. Successful integration into research requires university teachers to possess in-depth knowledge of the international trends to ensure compliance with federal cooperation requirements, equivalence and successful participation in multi-national operations. The Faculty supports the successful implementation of the Zrínyi 2026 Defense and Military Development Programme with its research potential. The Workshops of the Faculty are:

- The Religion and Security Research Workshop concentrates on the security aspects of religion, faith diplomacy, conflicts and wars motivated by religion. It includes four research sectors, namely historical aspects of religion and security, legal aspects of religion and security, the situation of persecuted Christians and Holy See studies.
- The Ludovika History Research Workshop aims to research the rich and diverse history of the Ludovika Academy and to make the traditions of more than 200 years of Hungarian officer education accessible to everyone. It also publishes the Pro Militum Artibus book series, publishing the works of Hungarian and international theorists of war.

Faculty of Law Enforcement

The closing conference of the EU-funded SHELTER (Support and advice through health system for hate crimes victims) project was held at the Faculty of Law Enforcement at the beginning of 2021. Amongst other outputs, in the course of the project the participants developed e-learning study material and gave lessons for medical students (in Hungarian and in English) and for the workers of the Hungarian Emergency Dispatch Centre.

Faculty of Water Sciences

The research staff of the Faculty has developed significant research expertise in catchment-hydrology, environmental physics and hydraulics, stochastic processes and mathematical statistics in addition to hydrometry and hydro-geodesy, flood hydrology, sediment monitoring and hydro-dynamic modelling.

Our Faculty is internationally renowned for our measurement, and data collection technology and analysis used in hydrometry, hydro-geodesy, open channel hydraulics, habitat reconstruction planning and sediment research.

Our Water Technology Centre provides quality education and research opportunities on drinking water treatment, wastewater treatment and education in connection with the state of surface water.

9.1. RESEARCH HIGHLIGHTS / SCIENTIFIC ACHIEVEMENTS

International research on trust and awareness in the information society

In the summer of 2019, the Institute of the Information Society of Ludovika-UPS decided to launch a nationally representative survey to map trust and awareness in the information society. The data acquisition was conducted through a set of telephone interviews. The results of the survey are nationally representative in terms of gender, age, level of education, residence, and region. The same interviews were conducted in the Czech Republic, Poland, and Romania, using the same set of hard variables to enable researchers to make valid comparisons of the gathered information. The survey contained questions on the penetration of certain devices and technologies, on residential internet use, trust in the actors of the online sphere, and knowledge of law-infringing behaviours in cyberspace, and the role that the stakeholders of the web can undertake.

The JUDICON-EU international research project was launched by the Research Institute for Politics and Government

The JUDICON project – which is an international research project that compares the strength of the decisions of the constitutional courts – has been extended to a research community consisting of 24 researchers from 20 countries of the European Union. The JUDICON-EU project is financed by Ludovika-UPS between 2020 and 2022, and it is based on the JUDICON pilot project supported by the Incubator Grant of the Hungarian Academy of Sciences. The JUDICON-EU research network works on coding and analysing the decisions of European constitutional courts between 1990 and 2020. During the project, data will be collected on the practice of constitutional courts. The data will be used to publish research papers, which, at the end of the project, will constitute an English language book. The JUDICON-EU project's methodology is unique in its nature, because it breaks down the decisions of the courts and weighs the elements separately to exceed a binary approach. A scale will also be developed to be able to measure the strength of the decisions. The JUDICON-EU is a pilot project, because no quantitative research has been conducted on constitutional decision-making at a European scale before.

(<https://ejkk.uni-nke.hu/hirek/2020/01/23/nemzetkozi-kutatas-indul-a-politika-es-allamelmeleti-kutointezetben>)

Book and workshop on the liability of online platforms

András Koltay, the Rector of Ludovika-UPS, has published a book, available both in Hungarian and English, on the key issues related to the freedom of expression that emerge due to internet gatekeepers' activities. The book lays down the foundations of freedom of expression and freedom of the press online and addresses the issue of regulating

the internet as a specific medium. The activities of the most important gatekeepers – ISPs, search engines and social media platforms – are discussed in individual chapters, and concludes with the assessment of possible regulatory approaches and the future of regulation.

To introduce the book, a workshop was held by the Institute for the Information Society at Ludovika-UPS on 21 November 2019, where prominent scholars discussed the effects that online platforms have on the public sphere.

International Book launch of Ferenc Hörcher's book

The new book by Research Professor Ferenc Hörcher, entitled "A Political Philosophy of Conservatism, Prudence, Moderation and Tradition," was published by Bloomsbury publishing in 2020. The book assesses how far the Aristotelian notion can be of use in thinking about politics today. Antique, mediaeval and early modern discussions on practical wisdom are reconstructed and re-contextualised to show not only how our understanding of the virtue of 'prudence' has changed over time, but why it should be revived. The book demonstrates that Aristotelian notions should be used to describe the actions and speeches of people active in politics, without losing sight of the normative dimension.

A roundtable discussion with the participation of two prominent foreign scholars, Robert Grant, Professor Emeritus of Glasgow University and Ryszard Legutko, Professor of the Jagiellonian University, Kraków, was held on 19 February 2020 to introduce the volume.

(<https://www.bloomsbury.com/uk/a-political-philosophy-of-conservatism-9781350067189>)

Faculty of Public Governance and International Studies

During the academic year 2020/21, a total of 129 participants from the Faculty of Public Governance and International Studies were involved in the professional implementation of the "Thematic Excellence Programme 2019". Within this group, we can find 48 degree holders (excluding young researchers), 40 PhD students/degree holders, 14 young researchers (up to 7 years after PhD degree), and 1 foreign researcher plus 26 persons not classifiable under the above categories (10 of them BA/MA students).

Science dissemination:

In 2020, more than 1,300 publications (typically book chapters and journal articles) were produced at the FPGIS. In the area of publications considered to be of high quality from a scientific metrics perspective, 9 D1 publications, 8 Q1 publications, 14 Q2 publications, 18 Q3 publications and 5 Q4 publications were delivered. In total, 54 publications were published in Scimago Q journals in 2020.

For comparison, the numbers for 2019 were as follows: 1 D1 publication, 1 Q1 publication, 7 Q2 publications, 10 Q3 publications and 6 Q4 publications.

In total, 25 publications were published in Scimago Q journals in 2019.

In 2020, the number of publications from faculty members within the framework of the Law and Political Sciences Committee (ÁJB) of Division IX of the Hungarian Academy of Sciences, was as follows: 68 publications of category A, 46 of category B, 27 of category C, 30 of category D, i.e. a total of 171 journal publications were published in 2020 under the auspices of the Faculty of Public Governance and International Studies. Looking at the number of publications in the Political Science Committee (PTB), it can be said that the faculty members in this field also deposit their publications in a large number of journals, typically of categories B-D.

Államtudományi Hírlevél

(Political Science Newsletter)

Published by the Faculty of Public Governance and International Studies, the aim of the Political Science Newsletter is to provide up-to-date information on the political sciences to the interested professional audience. In 2020, a total of 21 issues were published.

It was not only education that moved online, but also the academic world:

In the pandemic conditions after the spring of 2020, the faculty members of FPGIS – despite the difficult circumstances – were present as speakers at a total of 75 international online conferences, workshops and webinars.

9.2. BOOKS AND SCIENTIFIC JOURNALS

9.2.1. BOOKS IN FOREIGN LANGUAGES

In the academic year 2020/21, that is from September 2020 to June 2021, the academic publisher of Ludovika-UPS, Ludovika University Press, published 14 magazine issues, 45 journal issues, and 86 books, including textbooks, study volumes, monographs, yearbooks, university notes, handbooks and other academic publications.

The overwhelming majority of these (73) was written in Hungarian; the following 13 books were published in foreign languages (English, and Chinese):

	Title	Author, Editor, Translator	URL
1	China and Central Europe: Success or Failure?	Matura, Tamás (Ed.)	https://tudasportal.uni-nke.hu/tudastar-reszletek?id=123456789/15944
2	Christianity and Human Rights	Koltay, András (Ed.)	https://webshop.ludovika.hu
3	Double State and the Doubling of Legal System	Pokol, Béla	https://webshop.ludovika.hu
4	Foreign and Security Policy Institutions in Central and Eastern Europe	Marton, Péter (Ed.)	https://tudasportal.uni-nke.hu/tudastar-reszletek?id=123456789/16016
5	Individual Wastewater Treatment Technologies	Karches, Tamás (Ed.); Karches, Tamás – Knisz, Judit (Trans.)	https://tudasportal.uni-nke.hu/tudastar-reszletek?id=123456789/16096
6	Latin America and Hungary – Cultural Ties	Szente-Varga, Mónika (Ed.)	https://tudasportal.uni-nke.hu/tudastar-reszletek?id=123456789/15888
7	Political History of the Balkans (1989–2018)	Dúró, József – Egeresi, Zoltán (Eds.)	https://tudasportal.uni-nke.hu/tudastar-reszletek?id=123456789/15919
8	The European Polis	George Schöpflin	https://webshop.ludovika.hu
9	The NATO and EU Relations of Central-Eastern European Nations	Varga, Gergely (Ed.)	https://tudasportal.uni-nke.hu/tudastar-reszletek?id=123456789/16018
10	The Visegrad Countries and Brazil	Nagy, Sándor Gyula (Ed.)	https://webshop.ludovika.hu/
11	Turkey's Dilemmas in Foreign Policy and External Economy in the Early 21st Century	Szigetvári, Tamás	https://tudasportal.uni-nke.hu/tudastar-reszletek?id=123456789/15854
12	Zrínyi-Újvár. A Seventeenth-Century Border Defence System on the Edge of the Ottoman Empire	Hausner, Gábor – Németh, András (Eds.); Szilágyi, Magdolna (Trans.)	https://webshop.ludovika.hu
13	匈牙利宪法与法律的演变与发展	Máthé, Gábor (Ed.); Turrís Babel Ltd. (Trans.)	https://webshop.ludovika.hu

9.2.2. SCIENTIFIC JOURNALS

Acta Humana – Human Rights Publication (Acta Humana – Emberi Jogi Közlemények)

Acta Humana – Human Rights Publication is a peer-reviewed journal dedicated to disclosing research and professional experience from all aspects of the human rights field and to strengthen the interaction between scientific views and practical considerations. Acta Humana – Human Rights Publication was founded by the University of Public Service and currently published by Ludovika University Press. The journal is published four times a year, in March, June, October and December. Acta Humana – Human Rights Publication is indexed by Crossref, ProQuest, ROAD and Google Scholar. The Journal considers only previously unpublished manuscripts which present original and sound research. All published articles are subject to a double-blind peer review process. This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Online: <https://folyoirat.ludovika.hu/index.php/actahumana>

AARMS – Academic and Applied Research in Military and Public Management Science

AARMS – Academic and Applied Research in Military and Public Management Science is a peer-reviewed journal publishing research results in the fields of military science and military technology. Recent changes in the structure of the University have called for the renewal of the publication, allowing studies on public administration and law enforcement to be published as well. Academic and Applied Research in Military and Public Management Science was founded by the University of Public Service and it is currently published by Ludovika University Press. The journal is published three times a year, in April, August and December. AARMS is indexed by Crossref, EBSCO, ProQuest, ROAD and Google Scholar. The Journal considers only previously unpublished manuscripts which present original and sound research. All published articles are subject to a double-blind peer review process. This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Online: <https://folyoirat.ludovika.hu/index.php/aarms>

European Mirror (Európai Tükör)

European Mirror is a peer-reviewed journal, the aim of which is to give a real picture of European integration processes and their challenges at the beginning of the third millennium. European Mirror was founded by the University of Public Service and it is currently published by Ludovika University Press. The journal is published four times a year, in January, April, July and October. European Mirror is indexed by Crossref, ROAD and Google Scholar. The geographical focus of the paper is the European Union, with special emphasis on Central and Eastern Europe and Hungary. The Journal focuses



mostly on legal, economic, political and related problems. The Journal considers only previously unpublished manuscripts which present original and sound research. All published articles are subject to a double-blind peer review process. This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Online: <https://folyoirat.ludovika.hu/index.php/eumirror>

Pro Publico Bono – Public Administration (Pro Publico Bono – Magyar Közigazgatás)

Pro Publico Bono is a peer-reviewed journal covering research based on public law, social and political sciences and an interdisciplinary approach that learn from past experience and explore future alternatives for fostering sustainable and innovative societies, good governance and for strengthening nation-states, as well as European and transatlantic cooperation, which faces technological, ecological and cultural disruption in an increasingly complex 21st century. The journal is published four times a year, in March, June, September and December. Pro Publico Bono is indexed by Crossref, ROAD and Google Scholar. Pro Publico Bono was founded in October 2012 by the University of Public Service and it is currently published by Ludovika University Press. The aim of the journal is to publish research findings in the field of public law, social and political sciences. The journal aims at strengthening the position of University of Public Service in the higher educational and scientific rankings and fostering its scientific visibility to the greatest possible extent. The Journal considers only previously unpublished manuscripts which present original and sound research. All published articles are subject to a double-blind peer review process. This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Online: <https://folyoirat.ludovika.hu/index.php/ppbmk>

Public Governance, Administration and Finances Law Review

Public Governance, Administration and Finances Law Review (PGAF LR) is a peer-reviewed journal committed to the facilitation of an interdisciplinary discourse on matters appertaining to Central and Eastern European public administration, public policy and political sciences, as broadly conceived. The Journal publishes articles on all facets of public administration, public policy and public management, both within the region and in other parts of the world. PGAF LR was founded by the University of Public Service and is currently published by Ludovika University Press. The journal is published twice a year, in June and December. PGAF LR is indexed by ROAD and Google Scholar. Public Governance, Administration and Finances Law Review, founded in 2016, is a Central European journal with global coverage. The editors are especially interested in submissions dealing with CEE administrative challenges and with theoretical discussions of public governance. The Journal considers only previously unpublished manuscripts which present original and sound research. All published articles are subject to a double-blind peer review process. This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Online: <https://folyoirat.ludovika.hu/index.php/pgaf>

Hungarian Law Enforcement (Magyar Rendészet)

Hungarian Law Enforcement is a peer-reviewed journal: the primary professional goal of the periodical is to support education at university level in the field of police science, to publish new scientific results and to provide a professional scientific forum and publication opportunity. Hungarian Law Enforcement was founded by the University of Public Service and is currently published by Ludovika University Press. The journal is published four times a year, in March, June, September and December. Hungarian Law Enforcement is indexed by Crossref, EBSCO, ProQuest, ROAD and Google Scholar. Hungarian Law Enforcement is a scientific periodical of the Police Science Faculty of the University of Public Service. The Journal considers only previously unpublished manuscripts which present original and sound research. All published articles are subject to a double-blind peer review process. This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Online: <https://folyoirat.ludovika.hu/index.php/magyrend>

Nation and Security – Security Policy Review (Nemzet és Biztonság – Biztonságpolitikai Szemle)

Nation and Security – Security Policy Review was founded in 2008 as a joint publication of the Hungarian Ministry of Defence and the Zrínyi Miklós National Defence University, and has been published by

the University of Public Service since 2012. The focus is on current issues of security and defence policy. The journal is published four times a year, in January, April, July and October. Nation and Security – Security Policy Review is indexed by Crossref, ProQuest, ROAD and Google Scholar. Nation and Security – Security Policy Review is a peer-reviewed journal which aims to provide researchers, academics, doctoral, graduate and undergraduate students, as well as policy experts and diplomats, with the opportunity to publish their original research results in the fields of foreign, security and defence policy and related fields. The Journal considers only previously unpublished manuscripts which present original and sound research. All published articles are subject to a double-blind peer review process. This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Online: <https://folyoirat.ludovika.hu/index.php/neb>

National Security Review (Nemzetbiztonsági Szemle)

National Security Review is a peer-reviewed journal providing a publication venue for research on national security. The National Security Review was founded by the University of Public Service and is currently published by Ludovika University Press. The journal is published four times a year, in March, June, September and December. National Security Review is indexed by Crossref, ProQuest, ROAD and Google Scholar. National Security Review's purpose is to provide an opportunity to publish the scientific results of academics, researchers, professionals and students dealing with the national security sphere. In its professional content, it focuses on the primary representation of the scientific and training knowledge and research areas of national security, including related topics from different disciplines. The Journal considers only previously unpublished manuscripts which present original and sound research. All published articles are subject to a double-blind peer review process. This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Online: <https://folyoirat.ludovika.hu/index.php/nbsz>



Military Engineer (Hadmérnök)

Military Engineer is a peer-reviewed journal providing an opportunity for the short-term publication of research results, primarily in the field of military engineering. Military Engineer was founded by the University of Public Service and is currently published by Ludovika University Press. The journal is published four times a year, in March, June, September and December. Military Engineer is indexed by Crossref, EBSCO, ProQuest, ROAD and Google Scholar. Military Engineer is an independent scientific journal of military technical sciences, which provides an opportunity for researchers, academics, PhD students and university students to publish their research results in the short term, mainly in the field of military technical sciences and related topics. The Journal considers only previously unpublished manuscripts which present original and sound research. All published articles are subject to a double-blind peer review process. This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Online: <http://www.hadmernok.hu>, <https://folyoirat.ludovika.hu/index.php/hadmernok>

Military Science Review (Hadtudományi Szemle)

The Military Science Review is a peer-reviewed academic journal focusing on military science and disciplines closely related to the field of defence studies. Military Science Review was founded by the University of Public Service and is currently published by the Ludovika University Press. The journal is published four times a year, in March, June, September and December. The Military Science Review is indexed by Crossref, EBSCO, ProQuest, ROAD and Google Scholar. The mission of Military Science Review is to enrich military science and develop scientific thinking. It aims to create an opportunity for lecturers, researchers and doctoral students to publish their research results in the fields of military science and defence studies. It publishes a wide range of articles in the fields of military history, security theory, defence administration, national security and other related studies, both in Hungarian and in English. The journal considers only previously unpublished manuscripts which present original and sound research. All published articles are subject to a double-blind peer review process. This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Online: <https://folyoirat.ludovika.hu/index.php/hsz>

Engineer Military Bulletin (Műszaki Katonai Közlöny)

Engineer Military Bulletin is a peer-reviewed journal publishing research results in the fields of military sciences and military engineering sciences, both in Hungarian and in English. Engineer Military Bulletin was founded by the University of Public Service and is currently published by Ludovika University Press. The journal is published four times

a year, in March, June, September and December. Engineer Military Bulletin is indexed by Crossref, ROAD and Google Scholar. The journal's main goal is to provide a publication opportunity and professional scientific platform for researchers, experts, lecturers, PhD and university students to present and discuss their scientific findings in the field of military science and military engineering. The Journal considers only previously unpublished manuscripts which present original and sound research. All published articles are subject to a double-blind peer review process. This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.
Online: <https://folyoirat.ludovika.hu/index.php/mkk>

Aeronautical Science Bulletins (Repüléstudományi Közlemények)

Aeronautical Science Bulletins is a peer-reviewed journal publishing research on military science and sciences of military engineering. Aeronautical Science Bulletins was founded by the University of Public Service and is currently published by Ludovika University Press. The journal is published three times a year, in April, July and November. Aeronautical Science Bulletins is indexed by Crossref, ProQuest, ROAD and Google Scholar. Aeronautical Science Bulletins aims to provide students, researchers, doctors and undergraduate students with the opportunity to publish short-term research results in aviation science and in its related fields. The Journal considers only previously unpublished manuscripts which present original and sound research. All published articles are subject to a double-blind peer review process. This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Online: www.repulestudomany.hu, <https://folyoirat.ludovika.hu/index.php/reptudkoz>

In Medias Res – A journal on press freedom and the rules of the public sphere

The In Medias Res (IMR) is a bi-annual journal originally founded by the National Media- and Infocommunications Authority. Since 2019, the journal has been operated by Ludovika-UPS. Although discussions on freedom of speech and the press started several hundred years ago in Hungary as well, a meaningful discourse on their role and necessary boundaries in the modern world could only begin – for obvious reasons – after the political change in 1989. The contributors to the journal are lawyers and other researchers dealing with theoretical and practical issues concerning this field. They try to form their opinion on specific questions according to value-based rules and morally founded but sometimes contradictory arguments, believing that – every now and then – legal regulations and the modus operandi of the media, or even our perception of the democratic public sphere, may well be influenced by these opinions and debates.

Online: <http://media-tudomany.hu/>

10. LUDOVIKA CAMPUS



10.1. HISTORY OF THE CAMPUS

The National Assembly decided to establish the Royal Hungarian Ludovika Military Academy through Act VII of 1808. Maria Ludovika Beatrix of Austria-Este, the third spouse of Francis I., donated her coronation gift of 50,000 Hungarian Forints (which is, by today's standards, nearly 670–830,000 Euros) to the project. This contribution was honoured by naming the institution the Ludovika Academy. The cause of training military officers in the Hungarian language united the entire nation. An unprecedented wave of public donations began, resulting in a sum of financial contributions that was more than four times larger than that establishing the Hungarian Academy of Sciences. Altogether 995,100 Hungarian Forints were offered for this purpose, which is by today's standards, equivalent to about 13 million Euros. A separate legal act listed the names of the 237 donors. The list consisted of individuals, religious communities and counties as well. This noble gesture was commemorated in the set of the coat of arms displayed in the quadrangle of the building. The cornerstone of the building was laid in 1830 by Archduke Joseph, Palatine of Hungary at the time, whereas the constructions – based on the plans of architect Mihály Pollack, a key figure of the neoclassical movement – were finished in 1836. However, the actual training of military officers could not begin, as the emperor's cabinet and military council continually set various obstacles in the way of the operation of the Ludoviceum. The building was empty for years, serving various purposes. It provided shelter for the people fleeing from the great flood of the Danube in 1838, or

for the priceless collections of the National Museum. Eventually, military education was first organised at Ludovika during the 1848–49 Revolution and War of Independence. The grand opening of the Hungarian Military Academy was held on 7 January 1849, but its operation was banned 10 days later by the imperial military authorities occupying Pest-Buda, impounding the Academy's equipment and turning the building into a military hospital. The training of the officers of the Royal Hungarian Army, established under the Act on Defence Forces, was approved after the Compromise between Vienna and Pest-Buda in 1867. As a result, the Ludovika Academy began its actual operation in 1872, and was an institute of higher education which was recognised as equal to the Theresian Military Academy in Wiener Neustadt, Austria. From this point on, cadets were trained by the best contemporary officers of the Hungarian armed forces. After World War I and in accordance with the prohibitions of the Treaty of Trianon, the Academy remained the single institution of officer training in Hungary. It was divided into two academic divisions, thereby separating infantry and engineer training. The Bolyai János Royal Military Engineering Academy continued its operation in Hűvösvölgy. As the training of air force officers was sited at the Horthy Miklós (after 1942 the Horthy István) Royal Air Force Academy in Kassa (Košice) in 1939, the training of Hungarian professional military officers during the Second World War was carried out on three separate locations. The last traditional officer (first lieutenant) inauguration ceremony at Ludovika was held on 20 August 1943, as



the institution ended its operation on 25 April 1945. For decades afterward, the building hosted the departments of the Eötvös Loránd University's Faculty of Science as well as the Hungarian Natural History Museum, which had been scattered around various locations. In the meantime, however, the condition of the building continuously deteriorated.

In May 2012, the Government of Hungary decided to renovate the historical Ludovika building complex, as well as to renovate the neighbouring Orczy Park to ensure an integrated and appropriate location for Ludovika-UPS. To further accelerate the construction, the Government declared the related administrative proceedings as highly important for national economic reasons. The Ludovika Campus Project began with the reconstruction of the classicist main building, for which the Government allocated a budget of 4.5 billion Hungarian forints. The renovations were concluded by spring 2014, and the building was inaugurated and handed over to Ludovika-UPS by Prime Minister Viktor Orbán on 31 March 2014. In the building, students have access to up-to-date lecture rooms, community areas, a library with hard and digital copies, and a buffet. With the renovation of the impressive historical rooms, such as the Assembly Hall and the University Chapel, which have already hosted several events, the former Royal Hungarian Military Academy has regained its long-lost shine and has become the meeting point between the historical past and 21st-century technologies.

10.2. CAMPUS DIRECTORATE

When Ludovika-UPS was established in 2012, a plan was also born to give back to Ludovika and Orczy Park the place they deserve. Weather and time were not kind to the park and its main building, and the other buildings belonging to the park did not fit into the traditions there. Accordingly, a serious task awaited the leadership of the University, as the first step was destruction, so that the cradle of Hungary's military training could rise from its ashes like a phoenix. The process was launched by the renovation of the Ludovika main building and, later on, the Ludovika-UPS Campus was developed step by step. The dormitory of Orczy Square, the Educational Building, the Special Building of the FLE, the Sports Complex, and the buildings of the Shooting Range and the Riding Hall were also restored. In the meantime, the park has become one of the most atmospheric and cleanest green areas in Budapest, where old and dangerous trees have been replaced by newly planted saplings, thus ensuring the future of Orczy Garden. However, developments are not limited to District VIII. Students of the Faculty of Water Science can study in an outstanding environment on the Baja Campus, and the Zrínyi Miklós Barracks and the University Campus continue to create the future officers of the army under excellent conditions.

During the developments, it became clear that the maintenance of the renovated and newly built



buildings would require an organisational unit under the auspices of the University, which would pay constant attention to the buildings, events at the University and also, due to the excellent sports infrastructures, it could build and develop a sports life at the University. For this purpose, the Campus Directorate was established in February 2019. The staff, in collaboration with the Campus XXI Non-Profit Ltd., has been carrying out this task with great enthusiasm and vigour ever since.

10.3. SPORTS AT LUDOVIKA-UPS

10.3.1. SPORT STRATEGY

We plan to develop university sports life in line with the university sports concept adopted by the Rector's Council under the heading "Sporting University, Sporting Public Service!" for the period 2020–2025, in particular in the following four areas:

- student physical education and leisure sports
- healthy lifestyle and workplace sports
- support for elite sports and university competitive sports
- strengthening the prestige of Ludovika-UPS and the Ludovika brand in the framework of sports collaborations

We wish to increase the use of sports facilities by university citizens through the development of recreational sports and workplace sports. Domestic and foreign students (also professors) can be attracted to our University by providing – in addition to a high-quality educational environment – excellent infrastructural facilities and high-quality services (e.g. various sports facilities, advanced IT network, quality community spaces, high-quality dining and buffet services, etc.) To facilitate this, we plan to develop access to information on university sports life (occupancy of activity areas, digital sports card, available sporting events); trusting that better information will motivate university citizens to participate more actively in the University's sports life. Another priority programme for the University's sports activities is the sports scholarship system, which will start in 2020 as a new opportunity, providing support for the dual career of elite athletes admitted to the University. The actual adaptation and development of the system will be the task of the coming years.

10.3.2. SPORTS FACILITIES

As a result of the Ludovika University Campus project of Ludovika-UPS, the University has sports facilities that are not only outstanding in Budapest but also at the national level. The locations are as follows:

Ludovika Arena

In the first part of the Arena, there is a training hall of 22x44 metres (also known as a warm-up track) with changing rooms and office space. The building has a multifunctional hall with seats for 1418 spectators, which is perfect for almost all indoor sports competitions. Currently, the hall is unique in size and function in Budapest. Connecting the two halls through an atrium, there is a swimming pool with a 25-metre 8-lane pool, which has a timing device suitable for holding official competitions.

Ludovika Shooting Club

The shooting range has two separate halls, each with 12 shooting stations. The shooting range started operating in September 2018.

Ludovika Hussar Riding Hall

The Riding Hall had been of paramount importance in the training of soldiers for many years. However, with the extinction of the tradition, the once magnificent building was left to decay. Nonetheless, within the framework of the campus development project, it was renewed and became one of the most modern riding halls in Hungary, which – if supported by the curricula – will be an important stage of vocational training in the future.

University Sports Grounds

The outdoor grounds are as follows: two 20x40-metre artificial grass football pitches; one 20x40-metre multifunctional area; four clay tennis courts,



which will be transformed this year for better use and will be converted into multifunctional courts; and one 400-metre, 6-lane athletics track.

Other premises

On the Campus, in addition to those listed above, there is also a sports park, which is available not only to university students but also to the general public, and there is a 500-metre Rekortan running track as well.

10.4. BAJA CAMPUS (FACULTY OF WATER SCIENCES)

The educational building of the Faculty is located in one of the most scenic areas of Baja, (170 km south of Budapest), the banks of the Sugovica, a branch of the Danube. Here the university provides training on modern water management procedures in its facilities and laboratories. Our Faculty has two measuring stations, one in the Eastern Mecsek area and one in Érsekcsanád, which both serve as field training facilities. We provide modern technology and measuring instruments that our students can use to acquire practical knowledge.

Accommodation for the students of the Faculty is provided in the newly renovated Beszédes József Hall of Residence, which is situated in the most panoramic surroundings in Baja. The Hall offers accommodation for up to 240 students. The university provides several special colleges which serve as intellectual and social platforms to help to develop motivated and dedicated students. The Zsuffa István Special College of the Faculty of Water Sciences aims to provide students with a series of courses, primarily in engineering, that help develop their knowledge outside of the regular university classes. In addition to higher education, the college places great emphasis on active participation in professional conferences, forums and community and cultural events, as well as in the National Conference of Scientific Students' Associations. Members of the special college continuously assist and participate in other scientific events. To acquire and maintain the qualification of the special college, it is important that students contribute to the Researchers' Night or are involved in the Youth Days organised by the Hungarian Hydrological Society (HHS). The main objective of the Students' Union of the Faculty of Water Sciences is to represent the students' interests, solving any problems arising and ensuring appropriate communication between the faculty and the students. The Union also cooperates in scholarship distribution and participates in the organisation of cultural events and promotes student life at the university.

11. INTERNATIONAL LIFE, EDUCATION AND PARTNERSHIP

11.1. INTERNATIONAL STRATEGY

As stated in the recently adopted Development Plan of Ludovika-UPS, our University aims to be a world-wide known Hungarian and European university with a balanced geo-strategy in the institutional partnerships by 2025. Ludovika wants to be especially active in international science diplomacy and wants to create possibilities for its academic staff and students to participate in international mobility. The institution aims to have a vibrant international life on its campuses, with Bachelor's, Master's and joint course offers in foreign languages. As part of the Ludovika brand, summer courses would regularly be held in specific areas such as human rights and Central European as well as new media studies. The overall aim is to advance in the national and international rankings.

The International Directorate, which operates under the supervision of the Vice-Rector for International Affairs, is entrusted to be the engine and coordinator of the international activities of the University. In this spirit, the main aim of the Directorate's activities is to enhance the international relations of the University and create meaningful, workable ties with other higher educational institutions. These relations are to support the activities of the four faculties as well as those of the research centres. The staff of the Directorate are dedicated to implementing a strategy that is fully embedded in the above-mentioned Institutional Development Plan. It is important to develop the already existing ties further, as well as to find new possibilities that will benefit students and lecturers as well as the research community of Ludovika.

In this academic year, our international activities, like everywhere else, were somewhat hindered by the COVID-19 pandemic; the Directorate had to cancel already scheduled events or postpone them until a later date. In the academic year, we have been concentrating our efforts on finalising MoUs and other partnerships, and were granted funds for a Strategic Partnership Proposal with universities in Portugal, Greece, Italy and Romania in the field of security policy, and we presented a new proposal in the field of hybrid warfare in a cooperation partnership with Italian, Slovakian, Romanian, UK and Israeli partners.

In the past 8 years, we have developed more than 70 formal institutional connections laid down in MoUs all over the world. It is Europe and especially Central Europe that Ludovika has the strongest ties but we do have, for example, Chinese, Israeli and African university connections as well. Ludovika is engaged in all sorts of Erasmus activities, which we find very fruitful for students and staff alike. We regularly hold so-called teaching weeks when professors and staff are welcomed from all over the world. The University intends to attract more foreign students as well.

Our ties to the Fulbright Commission are increasingly strong. We have also started to work with the Washington-based Hungarian Initiative Foundation on their Budapest Fellowship programme.

In the 2020–2021 academic year, while it was impossible to organise on-site events, we continued our well-established programme, the Ludovika Ambassadors' Forum, via Ludovika TV. This will be especially important for short term international students whom the university also intends to attract.

While not everything could be carried out during this year, which was strongly defined by the COVID-19 pandemic, this academic year will still be remembered as a year of preparations and major developments in the internationalisation of the University.

11.2. INTERNATIONAL DIRECTORATE

The International Directorate, which operates under the supervision of the Vice-Rector for International Affairs, is entrusted to be the engine and coordinator of the international activities of the University. In this spirit, the main aim of the Directorate's activities is to enhance the international relations of the University and create meaningful, workable ties with other higher educational institutions. The Directorate's staff deal with all sorts of mobility programmes such as Erasmus+, Erasmus+ Intercredit Mobility and Stipendium Hungaricum scholarships. It also acts as the first contact point for international visitors, be they professors or students. It is also involved in organising events on international relations such as conferences, workshops and welcome days. A well-established series produced by the Directorate is the Ludovika Ambassadors' Forum, which invites Budapest-based ambassadors as guest speakers each month during the teaching period. An important activity of the Directorate is establishing

formal ties with other universities, including MoUs and Erasmus Inter-Institutional Agreements. A clear aim of the Directorate is to make Ludovika-UPS more known to possible international partners. As such, it is available for international partners to discuss future academic programmes or partnerships. A special task of the Directorate is to manage the Ludovika's English homepage of, and other information tools such as Facebook, Twitter and LinkedIn. The Directorate is also responsible for the international travels of staff from the University and that of international guest speakers or visiting professors.

International Director – Amb. Klára Breuer

Ambassador Klára Breuer is a career diplomat, who is appointed as the International Director of Ludovika-UPS and is on secondment from the MFA. She holds an MA degree in English studies and History from the Debrecen University and a degree in Journalism from the MÚOSZ Bálint György Journalism

School. She sat for the entrance exam of the MFA in 1991 and since then she has held several positions in the Ministry as well as at Hungarian Embassies. In 1996, she completed the international diplomatic training programme of the British Know-How Fund. In her most recent diplomatic position, she was the Ambassador of Hungary accredited to Portugal (2014–19). Two important highlights of her career were to

be the Diplomatic Advisor to President Mádl (2001–2005) and the Chief of Cabinet of the Minister for Foreign Affairs, János Martonyi (2011–2014). She was awarded the Gold Medal of the President in 2005 and was elected DCM of the Year in the London Diplomatic Corps in 2011. She is the recipient of several foreign decorations. Klára Breuer is married and has one adult child.

11.3. STUDY PROGRAMMES FOR INTERNATIONAL STUDENTS

Ludovika – UPS is the sole institution in Hungary to offer degree programmes in public service with a comprehensive approach focusing on the needs of the whole government. It educates the next generation of military, law enforcement, public management and international affairs experts and leaders. A specialised faculty at the University covers the field of water sciences, which is a topical issue for the future of the whole international community. As such, our University operates in a model of cooperation together with national stakeholders and international actors. Due to the merger of these special fields, our University has a very diverse student body, which enables students of different fields of public service to become acquainted with each other and cooperate in many walks of life. Besides benefiting from a common introductory module embedded in each degree programme, students can also participate in joint public service exercises.

A growing number of international students choose to study at Ludovika-UPS as part of exchange or scholarship programmes to gain valuable experience in this unique community, thus broadening their knowledge and know-how already acquired.

Furthermore, Ludovika-UPS not only pays attention to developing world-class education but also to creating a modern, lively, open, and student-friendly environment with a state-of-the-art infrastructure. At the Ludovika Campus, students can enjoy the services of a modern educational building that combines 21st century technology with the tradition and heritage of the former Ludovika Academy. The Ludovika Hall of Residence offers outstanding living circumstances at an excellent location in Budapest with both green areas and the city centre in proximity.

11.3.1. DEGREE PROGRAMMES FOR INTERNATIONAL STUDENTS

Graduate Degree Programmes

BSc in Civil Engineering (language of instruction: English or Hungarian)

The purpose of the programme is to train engineers with appropriate knowledge and skills that will enable them to fulfil tasks related to construction, maintenance, operation, management, and professional administration. Graduates will be qualified to manage simple planning and research tasks independently and cooperate in implementing more complex projects. Duration of the education: eight-semester full-time degree programme.

The programme belongs to the Faculty of Water Sciences and is based in Baja.

The following specialisations are available:

- Regional Water Management Specialisation
- Water Supply and Wastewater Treatment Specialisation

BSc in Environmental Engineering (language of instruction: English or Hungarian)

The programme aims to train environmental engineers with up-to-date skills in ecology, technology, economics and management, enabling them to be able to detect environmental risks in different areas and manage damage control activities.

Duration of the education: seven-semester full-time degree programme.

The programme belongs to the Faculty of Water Sciences and is based in Baja.

The following specialisations are available:

- Water Treatment – Wastewater Treatment Specialisation
- Water Management Specialisation

BSc in Water Operation Engineering (language of instruction: Hungarian)

Graduates are able to perform on-site operational tasks in flood management, water and wastewater treatment plants. They are able to execute specialized tasks of organisation control and resolve development challenges in flood and excess water protection. They also acquire the knowledge required for the high-level performance of the special tasks in connection with the professional authorities and the execution of planning, professional, technical inspector activities, and eligibility in the area of flood, drainage control, water supply, and sewerage.

Duration of the education:

6-semester full-time degree programme.

The programme belongs to the Faculty of Water sciences and is based in Baja.

The following specializations are available:

- Regional Water Management – the operation of surface water monitoring, flood management, irrigation and drainage facilities
- Water Utilities Management – the operation of water supply and sewerage facilities, balneology
- Hydrogeology and water catchment – the operation and monitoring of wells and groundwater management facilities

MA in International Water Governance and Water Diplomacy (language of instruction: English)

The two-year MA programme in International Water Governance and Water Diplomacy, starting in September 2020, offers up-to-date, practice-oriented education for practicing and future water managers, diplomats and national and international civil servants engaged in transboundary or global environmental issues. Based on a blend of natural and social sciences, extensive field training and project-based teamwork, the programme aims to enable students to master complex water policy challenges and decision and conflict situations.

The programme belongs to the Faculty of Water Sciences and is based in Budapest.

MA in International Public Service Relations – 3-semester degree programme providing a Master of Arts degree (90 ECTS)

This comprehensive programme is offered both to domestic and foreign citizens, focusing on security and defence studies and European studies. The programme, delivered in the English language, is synthesises the methods and approaches of the disciplines of international relations, public administration, law and economics. The effects of globalisation, the law and policy-making of international organisations and the institutions and sectoral policies of the EU, as well as good governance or integrity management, are among the topics covered in this programme. It aims to educate and train students to become experts in their fields in their future positions in either international or EU institutions, or in their respective national public administration roles.

Upon completion of the programme, graduates will benefit from a thorough and comprehensive understanding of today's international affairs, as well as the tools that will enable them to assess, analyse and answer global and international problems and policy issues with a critical eye. The programme aims to train experts capable of undertaking duties at international and EU institutions and agencies, in the administration of foreign affairs, defence policy, and law enforcement, as well as in the international departments of NGOs or business entities.



Duration of the education: 6-semester full-time degree programme.

The following specialisations are available:

- Regional Water Management – the operation of surface water monitoring, flood management, irrigation and drainage facilities
- Water Utilities Management – the operation of water supply and sewerage facilities and balneology
- Hydrogeology and water catchment – the operation and monitoring of wells and groundwater management facilities

MA in International Water Governance and Water Diplomacy – 4-semester full-time degree programme.

The two-year MA programme in International Water Governance and Water Diplomacy, starting in September 2020, offers up-to-date, practice-oriented education for practicing and future water managers, diplomats, national and international civil servants engaged in transboundary or global environmental issues. Based on a blend of natural and social sciences, extensive field training and project-based teamwork, the programme is aimed at enabling students to master complex water policy challenges, decisions and conflict situations.

MA in International Public Service Relations

– 3-semester- degree programme providing a Master of Arts degree (90 ECTS)

This comprehensive programme is offered both to domestic and foreign citizens, focusing on security and defence studies and European studies. The programme, delivered in the English language, is synthesises the methods and approaches of the disciplines of international relations, public administration, law and economics. The effects of globalisation, the law and policy-making of international organisations and the institutions and sectoral policies of the EU, as well as good governance or integrity management, are among the topics covered in this programme. It aims to educate and train students to become experts in their fields in their future positions either at international and EU institutions or in their respective national public administration roles.

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DOCTORAL PROGRAMMES

PhD in Public Administration Sciences

The Doctoral School of Public Administration Sciences is in a unique position within Hungary through its specialisation in the field of public administration. The fields of research at the Doctoral School embrace the history of state and public administration, legal studies, public administration management and sociology, economics, public governance, international and European studies, and human resources in public administration.

Upon successful completion of the programme, students are awarded a PhD degree in Public Administration Sciences. Besides providing top-quality postgraduate education to our students, the Doctoral School's mission is to establish a national centre of excellence for research on public administration that meets the highest standards of the international scientific community.

PhD in Military Sciences

The Doctoral School of Military Sciences has a wide spectrum of research fields: security studies, social aspects of defence studies, general military theory, theories of military science, defence logistics and defence economics, national security and theory of defence information technology and communication. The Doctoral School cooperates with the Ministry of Defence, the Hungarian Defence Forces and with other organisations related to military sciences. Its international scientific recognition can be most easily demonstrated by the fact that the number of international students has been increasing from year to year.

PhD in Military Engineering

In the first approximation, the role of the new branch of the doctoral school can be determined on the basis of the related military and engineering sciences. Accordingly, military sciences can be determined as a discipline that creates new scientific research findings, satisfying the needs of military users, using the procedures and tools of technical sciences. Their research findings are manifested in new, modern procedures and tools of military

technology and the defence sphere in the broadest sense, together with the related fields of science and use (defence industry, defence electronics, information technology and communication, national defence, law enforcement, environmental security, environmental protection, CBRN (chemical, biology, radiology (dirty bomb), and nuclear weapons) defence and non-proliferation, counterterrorism, disaster management, protection of critical infrastructure, energy security, security technology and defence administration).

Military engineering sciences include all disciplines of technical, disciplinary, technological, technology transfer and technical innovations related to the military application of all other engineering disciplines belonging to engineering sciences (civil engineering, electrical engineering, architectural sciences, materials science and technology, engineering, transport and vehicle, bio, environmental and chemical engineering, information technology, agricultural engineering and multidisciplinary engineering).

This kind of PhD degree is unique in Europe and worldwide. There is no doctoral degree in this discipline – as a separate discipline – anywhere else. This special doctoral degree can only be obtained here.

The fields of research at the Doctoral School include the theory of military engineering infrastructure; military technology and robotics; defence electronics, IT and communication; military environment security; military logistics and defence economy; security technology; disaster management; aviation and aeronautics.

In addition, The Doctoral School of Military Engineering is entitled to conduct a habilitation procedure too.

PhD in Law Enforcement

The Doctoral School of Law Enforcement was established in 2015. It is currently the only doctoral school in Hungary explicitly focusing on research issues of law enforcement. In addition to the other faculties, institutes and organisational units of Ludovika-UPS, the Doctoral School intends to involve scholars from external partners (internation-

al partners, universities, and research institutes) to enhance the research programmes in law enforcement. The Doctoral School offers several formats of education; so PhD students have the choice of full time (scholarship or self-financed) studies, part-time (self-financed) studies, and individual training (self-financed) or individual preparation.

11.3.2. COURSES FOR SCHOLARSHIP EXCHANGE STUDENTS

Erasmus+ Program

All our faculties and two of the doctoral schools welcome exchange students from all over the world. As of September 2020, Ludovika-UPS is launching a new modular course system specially to attract foreign students to make their studies at UPS more interesting and to provide them with cutting-edge knowledge. Courses are offered in thematic modules to Erasmus scholarship exchange students.

A selection of the new modules:

European Integration Module

- History of European Thought and Politics
- The Legal System of the European Union
- European Economic Integration
- EPSO preparatory course
- Public Law of the European Union
- EU Policy-Making: Current Issues and Strategies

Security Studies Module

- NATO Terminology
- Political Discourse in the Media
- Key Players in U.S. Security and Defence Policy
- V4 Studies
- Rhetoric and Academic Discourse
- US Security Policy: Institutions and Processes
- EU Common Foreign and Security Policy
- The European Union as a Global Player in International Crisis Situations

Cybersecurity Module

- Information security and data protection
- Cyber Diplomacy
- Cybercrime
- Fundamentals of Cybersecurity

Contemporary Warfare Module

- Theories of Insurgency and Counterinsurgency
- Aspects of Asymmetry in War
- Theory of Allied Joint Operations

Research topics of the Doctoral School:

- law enforcement theory, history of law enforcement, national security and law enforcement;
- specialised fields of law enforcement, international and European Union law and policy aspects of law enforcement;
- the legal, criminological, forensic and social sciences aspects of law enforcement.

International Relations Module

- Geopolitics and the Theory of International Relations
- International Institutions
- International Economic Studies
- International Relations in the Post-bipolar World
- International Law
- Regional Studies
- Migration as a Security Challenge

Water Politics & Diplomacy Module

- Fundamental questions of water governance
- Fundamental questions of international water conflict management
- Introduction to integrated water resources management
- Introduction to water law
- International water law
- The institutions and procedures of international water conflict management

Social Communication Module

- Regulatory Aspects of Online Communication
- Organisational & Leadership Communication
- Intercultural communication
- International Marketing and Communication
- Political Communication in the Information Society
- Communication and Media Appearances in the Public Governance

Stipendium Hungaricum Programme

The Stipendium Hungaricum Scholarship Programme was launched in 2013 by the Hungarian Government in the spirit of the foreign policy of the “Eastern and Southern opening”. The Programme is managed by the Tempus Public Foundation. Its core mission is to increase the number of foreign students in Hungary and to encourage Hungarian higher education institutions to attract top foreign students. It is based on bilateral educational cooperation agreements signed between the Ministries responsible for education in the sending countries/territories and Hungary, or between higher education institutions. The educational policy objective of the Stipendium Hungaricum Scholarship Programme is to promote the internationalisation and quality development of Hungarian higher education following the European Union and the European Higher Education Area directives, to strengthen the international relations of the Hungarian academic elite, to increase the cultural diversity of higher education institutions and to promote competitive Hungarian higher education in the world.

11.4. INTERNATIONAL PARTNERSHIPS

11.4.1. INTERNATIONAL PROJECTS

Ludovika-UPS, soon celebrating the 10th anniversary of its establishment, avails of an extensive network of contacts in Europe and worldwide. It is a well-known and recognised institution in the European higher education and research area.

The University currently has partnerships with 61 partner institutions, based on bilateral cooperation agreements on education and research (Memoranda of Understanding).

A significant proportion of these partnerships were concluded in Europe (39 institutions), with a significant number of Asian (13 institutions) and a smaller number of American (6) and African (3) partnerships. Of the EU Member States, it is Germany where we have the most partners. Looking beyond Europe, we maintain intensive relations with some institutions in Russia, China, Southeast Asia, Korea, the United States, Israel and Africa. We have recently taken significant steps to further strengthen our relations in Western Europe as well as in North America.

The geographical-strategic breakdown of the European partner institutions is the following:

- Western Europe (12): The majority of Western European partner institutions are in Germany (7) (there are also Italian, Dutch, and Scottish partner institutions).
- Central and Eastern and Southern Europe (27): most of our partner institutions are located in this region.
- We have 8 partner institutions serving national policy objectives, i.e. Hungarian-language higher education institutions abroad - Slovakia 2, Romania 3, Ukraine 1 and Serbia 2 and
- 12 partner institutions in the Visegrad countries.

The University has more than 130 Erasmus agreements in more than 30 countries around the world, while most of our partner institutions are located in Central Europe.

The University has institutional membership in 35 world organisations that are catalysts for international networking. Outstanding among these are our memberships in the European University Association (EUA), the International Association of Universities (IAU), and the European Institute of Public Administration (EIPA). We are signatories to the Magna Charta Universitatum.

We receive Fulbright visiting professors and we take part in the Budapest Fellowship Programme. Our summer schools attract many foreign students. The English language Master's programmes in International Public Service Relations, Water Diplomacy, and the College of Visegrad's intensive course provide regional knowledge and disciplinary knowledge.



Goals over a five-year period:

1. Presentation of the University's unique training and research portfolio (public service) to the leading institutions worldwide. Implementation of joint projects.
2. Increase in the number of partner institutions, strengthening relations in Western Europe and North America. Establishment of new relations in Central and South America, Japan, the Gulf region, India, and Australia.
3. Further exploitation of the potential of institutional memberships, holding senior positions in organizations where the University has membership and successful tendering for hosting annual congresses.
4. Increase in the mobility rate: by 2025, 5% of our students and 10% of our teachers will be involved in mobility each year.
5. Increasing the proportion of foreign students at our University to 5%.
6. At least two Bachelor's and five Master's degree programmes in English by 2025.
7. Launch of at least two joint degree programmes by 2025.
8. Involvement in the European Universities Initiative.
9. Rise in international rankings by at least 100 places.
10. Increase in the share of foreign students who also pay tuition fees. Successful participation in one European, one American, and one Asian higher education fair per year.

Erasmus+ K2 Project: EUSECURE

– “An Interdisciplinary Training on EU Security, Resilience and Sustainability – A Simulation-Supported Massive Open Online Course” (Project ID: 2020-1-HU01-KA203-078719)

In 2020 the International Directorate successfully applied with a project proposal within the framework of the Erasmus+ Strategic Partnership in Higher Education programme. As consortium leader, Ludovika, together with its international partners, developed the EUSecure project that is today financed by the European Union. The awarded grant is 335.070 EUR, which is to support the project activities between 1 September 2020 and 31 August 2023.

The mission of EUSecure is to 1) Raise awareness among young people of emerging security challenges, 2) Prepare the next generation of intellectuals to take the right decisions, 3) Create a society that is better able to foresee security issues and tackle them.

The goals of the projects are to

- Develop a genuinely interdisciplinary course curriculum on EU security, resilience and sustainability
- Develop a SimMOOC – a Simulation supported Massive Open Online Course on EU security, resilience and sustainability
- Launch the EUSecure elective course on EU security, resilience and sustainability at our universities, with a blended form of training (based on the SimMOOC), and many interactive, international teaching elements, such as an international teaching staff, and international student teams working on joint assignments
- Creating a course for secondary school students on EU security, resilience and sustainability
- Disseminate the relevance and the results of this project to make it a widely available educational resource

The consortium partners are: Ludovika - University of Public Service; Salento University, Lecce, Italy; Sapientia University, Cluj-Napoca, Romania; University Fernando Pessoa, Porto, Portugal; and the University of Piraeus, Piraeus, Greece.

Erasmus+ K2 project: „Cyber-Aware Students for Public Administration” (CASPA)

The digitization of administration and public organisations requires a reassessment of security aspects. Cybersecurity has become a strategic issue: state organisations relying on digitized ecosystems face new challenges in cyberspace, not only from a technological standpoint but also from a legal, political, diplomatic, economic and military point of view.

The Cyber-Aware Students for Public Administration (CASPA) project aims to develop and maintain innovative cybersecurity courses, specially designed for university students who will work in public administrations as end-users or as a user having a unique role in cybersecurity. Recognising the needs of the public sector, the aim of the project is dual.

First, we aim to educate our non-technical students, who will serve in the public service in their home countries, on the basics of cybersecurity and their roles and responsibilities, including the legislative, policy and technical aspects.

Second, we aim to develop the cybersecurity competencies of those in public service, who will represent their countries abroad, and engage in cyber diplomacy, and everyone who needs to work in the field of international relations and must understand this new phenomenon.

The three-year CASPA project has four members: Tallinn University of Technology, Estonia (TalTech); Kosciuszko Institute, Poland (KI); University of Public Service, Hungary (NUPS); and Cyex OÜ, Estonia.

11.5. EXCHANGE PROGRAMMES

Ludovika-UPS offers several programmes for international students and executives, including full degree and exchange programmes, summer schools, and tailor-made trainings.

Erasmus+ and other exchange students are offered a wide selection of courses organised in thematic modules. With the Erasmus+ student mobility programme, students have a chance to spend an exchange period (one or two semesters) at Ludovika-UPS.

The Stipendium Hungaricum Scholarship Programme of the Hungarian Government was launched in 2013 as a full degree programme. EEA citizens are entitled to apply for state funding, whereas the Hungarian government also regularly announces the Stipendium Hungaricum scholarship for applicants worldwide. For exchange students, Erasmus+ is the primary programme offering scholarships for European and, since 2015, for non-European students as well. The CEEPUS scheme is available for students coming from Central and Eastern Europe.

CEEPUS is an acronym for “Central European Exchange Programme for University Studies”. The main activity of CEEPUS is to create university networks, operating joint courses ideally leading to Joint Degree Programmes. CEEPUS covers mobility grants for students and teachers in this framework.

The Makovecz Programme was founded by the Ministry of Human Capacities of Hungary. It offers grants for one semester for BA, MA and PhD students to study at higher education institutions in Hungary and the Carpathian Basin.

The Scholarship Programme for Christian Young People provides the possibility for young Christian students living in the crisis regions of the world and/or being threatened in their country because of their faith to study in Hungary. After completing their studies, the scholarship fellows will return to their home country to help their community by applying their acquired knowledge; in this way they will participate in the reconstruction of war-destroyed countries and contribute to the improvement of the social situation and the preservation of the culture of Christian communities.

NUMBER OF ERASMUS STUDENTS (2016-2021)

	Academic year 2016/2017		Academic year 2017/2018		Academic year 2018/2019		Academic year 2019/2020		Academic year 2020/2021	
	autumn	spring								
FMSOT	11	18	25	21	12	28	16	10	0	0
FSPGA		5	26	15	12	0				
FIES	18	18	28	18	18	23				
FPGIS							54	34	28	17
FLE	2	0	0	0	1	17	0	20	0	0
FWS	0	1	1	2	2	0	1	1	0	6
Total:	31	42	80	56	45	68	71	65	28	23

NUMBER OF STIPENDIUM HUNGARICUM STUDENTS (2015/16-2020/2021)

Semester	Number of students
2015/16 autumn	0
2015/16 spring	5
2016/17 autumn	25
2016/17 spring	30
2017/18 autumn	30
2017/18 spring	22
2018/19 autumn	45
2018/19 spring	44 (43 active + 1 passive)
2019/20 autumn	56 (54 active + 2 passive)
2019/20 spring	48
2020/21 autumn	65 (58 active + 7 passive)
2020/21 spring	59 (50 active + 9 passive)



Transferred credits awarded to Ludovika-UPS students by foreign partner institutions based on interinstitutional agreements

Academic year 2017/2018: 349 transferred credits awarded with 81 admissions.

Academic year 2018/2019: 1105 transferred credits awarded with 158 admissions.

Academic year 2019/2020: 795 transferred credits awarded with 68 admissions.

Number of courses taught in a foreign language

Academic year 2017/2018: 215 courses taught in a foreign language, of which 46 were foreign-language training courses (terminology training).

Academic year 2018/2019: 317 courses taught in a foreign language, of which 106 were foreign-language training courses (terminology training).

Academic year 2019/2020: 300 courses taught in a foreign language, of which 47 were foreign-language training courses (terminology training).

11.6. THE COVID-19 PANDEMIC AT LUDOVIKA-UPS

COVID-19 pandemic as the biggest challenge of 2020/21

We launched the autumn semester with distance learning with the help of online tools, and home office for our staff. The University solved this complicated task very effectively. As far as education is concerned, we have safeguarded everything we could, therefore, final exams were completed and students could graduate from the University.

This period has also had benefits we may utilise in the future. Although we missed many events, ceremonies and, last but not least, many on-site lessons, we have also learned important things in recent months due to the special situation. The University gained students, colleagues, departments and units that are able to adapt and, last but not least, we could see signs of mutual respect and humanity, as well as recognition from unexpected places.



12. THE YEAR AT A GLANCE – ACADEMIC EVENTS

12. THE YEAR AT A GLANCE – ACADEMIC EVENTS

12.1. INTERNATIONAL EVENTS ORGANISED BY THE INTERNATIONAL DIRECTORATE

9 September 2020 – International Welcome Day

In 2020, the annual international academic year and semester opening event, the International Welcome Day held on the 9th September in the Széchenyi Ceremonial Hall, greeted about a hundred international students who had come to the University of Public Service within the framework of the Erasmus + mobility programme and the Stipendium Hungaricum Programme to continue their studies in Budapest. Following the welcome ceremony, international students also gained a brief insight into the institutional library and were invited to a small picnic in the beautiful park of the Campus.

18 September 2020 – Orientation Day for Fellows of the Budapest Fellowship Programme

A thematic day of the orientation week of the Budapest Fellowship Programme (BFP) was held at the Ludovika Campus, co-organised by The Hungary Initiatives Foundation (HIF) and the Mathias Corvinus Collegium (MCC). Ludovika – University of Public Service is a key partner of the programme. The main mission of the BFP is to build a network of American researchers and professionals whose members understand the strategic importance of Central Europe and will build a bridge between the region and the United States in the future.

22 September 2020 – Ambassador's Forum at Ludovika – Germany

The German Ambassador to Budapest, Johannes J. Haindl, also representing the Presidency of the Council of the European Union since July, was the guest of the first Ambassadors' Forum at Ludovika – University of Public Service in the 2020/2021 academic year. Besides the EU presidency's plans, he recently appointed diplomat spoke, about German-Hungarian relations and the fight against the coronavirus as well as the plan to strengthen Europe. The Ambassadors' Forum at Ludovika is a unique, special series of programmes at the university, which provides an opportunity to discuss current political, economic and social issues.

23 September 2020 – Ludovika – University of Public Service participated in the online conference organised by the Embassy of the Republic of Colombia in Budapest

Strengthening internationalisation, representatives of Ludovika – University of Public Service participated in the online conference organised by the Embassy of the Republic of Colombia in Budapest. With the participation of about 40 people, and given the epidemiological situation, the event took place via the Internet. Her Excellency Carmenza Jaramillo, Ambassador of Colombia in Budapest, hosted the online meeting. It was available simultaneously in the morning in Colombia and in the afternoon in Hungary, precisely because of the opportunities provided by the digital space. The event was attended by associate profes-

or Mónika Szente-Varga, Klára Breuer, international director of Ludovika and Veronika Hornyák, a PhD student.

1 October 2020 – Ludovika-UPS participation at an Indian webinar on World Tourism Day

Head of the International Office of Ludovika-UPS, Dr. Norbert Révai-Bere, former Consul General of Hungary in Mumbai, was an invited panel speaker at a Webinar on "Rural Development and Climate Change," organised by Young Environmentalists Programme Trust and Climate Reality Project India, in association with Creed Entertainment, on World Tourism Day 2020, to look into the unique ability of the tourism sector to drive economic development and provide opportunities in non-urban areas for a sustainable preservation of the local communities and their heritage.

5 October 2020 – Expanding American relations by a new Memorandum

The Hungary Initiatives Foundation (HIF) and Ludovika-University of Public Service have concluded a Memorandum of Understanding in order to facilitate their educational and academic cooperation. There is an existing relationship between the two organisations. The most recent joint event of this cooperation was the thematic day of the orientation week of the Budapest Fellowship Programme organised by the HIF and Ludovika-UPS on the Ludovika Campus. The HIF is a Washington-based, independent non-profit organisation committed to strengthening understanding and cooperation between Hungary and the United States of America. The currently signed agreement is aimed at the exchange of students, professors and researchers between the two institutions, as well as the exchange of professional experience and the implementation of joint fellowship programmes.

20 October 2020 – Ludovika Ambassador's Forum at Ludovika – USA

David Cornstein, the Ambassador of the United States of America to Budapest, was the guest of the Ludovika-University of Public Service. The participation in the Ambassadors' Forum at Ludovika was one of the diplomat's last public appearances in Hungary before leaving at the end of October. The event focused on the evaluation of Ambassador Cornstein's tenure and the development of American-Hungarian relations. He was delegated by the United State to Hungary in 2018 and, from day one, the goal was to make the friendly relationship between the two countries even closer and stronger.

28 October 2020 – Online roundtable discussion on the theoretical approach to artificial intelligence

The online roundtable discussion on the theoretical approach to artificial intelligence was organised by the International Directorate of Ludovika – University of Public Service, which was also open to university

students. The panel discussion, with the participation of foreign and domestic experts, revolved around the social aspects of artificial intelligence and sought to answer the question of what impact will the large-scale technical development of our time have on people's everyday lives. The keynote speaker of the event was Andrew Dolan, who is the director of the Edinburgh-based Centre for the Study of New Security Challenges LTD. CSNSC is an important partner for the University. Besides having had joint programmes with Ludovika, it has donated relevant scholarly books and journals to the university.

January 2021 – A slightly different welcome

At the beginning of the 2nd semester of 2020/21, due to the worsening COVID-19 pandemic, the International Directorate needed to cancel the traditional international semester opening ceremony. Instead, the UPS greeted its international partners and students via an Opening Video, in which the members of the International Directorate encouraged the potential incoming students to come and study in Budapest in ten different languages.

3 March 2021 – OUTLOOK – Various Forms of Hungarian-Israeli Relations

Outlook, the foreign programme of Ludovika TV was pleased to present a studio discussion with His Excellency, the Ambassador of Israel, Yacov Hadas-Handelsman. Ambassador Hadas-Handelsman was invited as a guest-speaker at the Ambassadorial Forum at Ludovika in November 2020; however, the event could not be held because of the pandemic. The online interview touched upon such topics as the fight against COVID-19 in Israel, the general security situation in the Middle East and several aspects of Hungarian-Israeli relations.

10 March 2021 – Virtual Erasmus Expo

Aiming to promote Erasmus+ mobilities and encourage UPS students to study abroad, the International Directorate organises the Erasmus+ Partner Expo every semester. In 2021, the Erasmus Partner Expo took place via MS Teams on the 10th of March with the involvement of the faculty coordinators and the International Directorate's Erasmus Team. The main perspectives of the event were sharing travel experiences, networking, and challenges due to the coronavirus epidemic. Besides the international coordinators discussing the different aspects of the application procedure, an incoming student shared his thoughts on mobilities and his adventures in Budapest. Moreover, five more former Erasmus+ students also presented the highlights of their mobility experiences.

30 April 2021 – OUTLOOK – Britain in the modern world

Outlook, the foreign political programme of Ludovika TV presented a studio discussion with His Excellency Paul Fox, the Ambassador of the United Kingdom of Great Britain and Northern Ireland. Ambassador Fox was appointed Her Majesty's Ambassador to Hungary in September 2020. Previously he was Minister Counsellor in Moscow and Her Majesty's Consul General to



Dubai. Ludovika intended to invite Ambassador Fox as a guest-speaker to the Ambassadors' Forum at Ludovika in its new 2021 edition, but the event could not be held because of the pandemic. This interview touched upon topics such as the fight against COVID-19 in the UK and the recently published so-called Integrated Review. The British Government launched this ambitious initiative for a modern defence, security, foreign and development policy to tackle the threats of the 21st century.

25 May 2021 – OUTLOOK – CPLP – The Lusophone Commonwealth 25 year's history

To celebrate the 25th anniversary of the CPLP – Comunidade dos Países de Língua Portuguesa –, the Executive Secretary, Ambassador Francisco Ribeiro Telles, was the guest of the OUTLOOK programme. He spoke about the achievements of the past 25 years and the growing international interest in the organisation, as well as economic cooperation, mobility and the importance of the organisation in the future of Africa. Portuguese is spoken by 220 million people of the world as their first language; it is important to understand the CPLP's role in world politics and Hungary has been an observer country since the mid-2010s.

16-17 June 2021 – Ludovika – University of Public Service has also signed the new 2020 document of the Magna Charta Universitatum

The solemn presentation of MCU 2020 took place on June 16-17, 2021 as part of the online event "University values and responsibilities: responding to the challenges of the future," with the presence of András Koltay, Rector of Ludovika – University of Public Service, as one of the signatories, and Boglárka Koller, International Vice-Chancellor, representing the University at the online event. In 2018, Ludovika – UPS joined the signatories of the "Magna Charta Universitatum", which sets out the principles that define the mission and operation of universities.

12.2. INTERNATIONAL EVENTS ORGANISED BY THE FACULTY OF PUBLIC GOVERNANCE AND INTERNATIONAL STUDIES

International Opening Ceremony at the Faculty of Public Governance and International Studies

Due to the recently introduced measures, only 21 incoming students were able to start their studies within the framework of Erasmus+ programme at the Faculty of Public Governance and International Studies in autumn 2020. On the traditionally-held Orientation Day, students were informed about the history of Ludovika – University of Public Service, the courses and the registration process, along with the epidemiological protective measures given by the University.

16-15 December 2020 - Erasmus+ virtual mobility activity at RANEPА within the framework of International Credit Mobility (ICM)

Seven students from the Faculty of Public Governance and International Studies were accepted by one of our partner institutions, RANEPА, The Russian Presidential Academy of National Economy and Public Administration, which promoted its online English programme called Global Studies in Russia for the spring semester of the 2020/2021 academic year. This was an integrated high-profile English language course in political science launched by the Faculty of International Relations and Politics, RANEPА's brand-new innovative educational school in political science, located in Saint Petersburg. The Programme focused on Russian studies and promoted genuine interest in Russian politics, language and culture among international students majoring in political science and complementary fields. In December 2020, an online winter school was also held with the title "Mobility for better learning: virtual opportunities for studying in RANEPА Saint Petersburg" for prospective applicants who intended to participate in the programme.

12 March 2021 - Erasmus+ Info Session at the Faculty of PGIS

The beginning of March brings not only spring-time but also the time to apply for the ERASMUS+ Programme. Student Mobility could be one of the most important parts of university life; a chance to learn or take an internship in another country, which might greatly contribute to a student's career, language skills and social network. Regarding the fact that we are in the middle of the pandemic, several questions came up concerning prospective mobility activities; therefore, as a remedy, the International Committee of the Student Union at the Faculty of PGIS organised a virtual "Erasmus+ Info Session".

7 May 2021 - Europe Day on Ludovika TV

"We have a reason to celebrate, because the European Union exists and, despite all its problems, it also has a future" was emphasised in the Europe Day online event of Ludovika – University of Public Service, organised by the Faculty of Public Governance and International Studies. In the programme broadcasted from the studio of Ludovika TV, experts with a broad range of expertise in EU affairs, lecturers and students shared their views on the process of European integration and the future of the continent. This year's Europe Day online event, in addition to summarising the achievements and experiences of the past seven decades, focused on the great challenges of the future.

Rector András Koltay, Vice-Rector for International Affairs Boglárka Koller, Former Foreign Minister János Martonyi, former EU Commissioner Tibor Navracsics, MEP László Trócsányi, Head of the European Commission Representation in Hungary Gábor Zupkó, MEP Enikő Győri, EU Commissioner Olivér Várhelyi and Ambassador Gábor Baranyai were among the key speakers at the event.

12.3. INTERNATIONAL EVENTS ORGANISED BY THE FACULTY OF MILITARY SCIENCE AND OFFICER TRAINING

January 2020 – Guest Teach-in at Sapientia in the framework of the Makovecz Programme

At the Sapientia University of Transylvania, the Faculty of Military Science and Military Officer Training performed online teaching tasks by teaching a full course within the framework of the Makovecz Programme. As part of the Makovecz Student Scholarship Programme, in January 2020, students from the university's colleges had the opportunity to participate in professional academic programmes at the faculties of Cluj-Napoca, Târgu Mures and Miercurea.

June 2020 – Signature of an MoU for the Multinational Land Forces (MLF)

A draft Memorandum of Understanding (MoU) for the Multinational Land Forces (MLF) to organise cooperation better was finalised and signed by the Commander of the MLF and the Heads of the Universities in June 2020. In January 2020, taking advantage of the cooperation opportunity, faculty members had participated, at the invitation of the Commander, in the pre-deployment mission training of the Juliet Mountain Brigade in Afghanistan, which was highly appreciated by the Italian side.

May 2021 – Adriatic Strike 2021 International Exercise in Slovenia

The third and fourth-year military officer candidates of the Faculty of Military Science and Military Officer Training, Military Leadership, Rifle Course of the University of Public Service, accompanied by their instructors, participated with 34 participants in the Adriatic Strike 2021 international NATO all-force exercise in Slovenia from 15 to 22 May. The exercise was conducted in parallel at several locations, where the participating countries' air and ground forces jointly performed various training exercises. The objective of the exercise was to complete and validate the annual JTAC (Joint Terminal Attack Controller) military reconnaissance exercise. In this, the officer candidates participated as assault forces, which allowed the JTAC soldiers to practice tracking and supporting ground elements in combat. The Hungarian soldiers represented a light rifle platoon force, in which the command positions were held by the fourth-year Honvéd officer candidates, as this training exercise also served as a final examination for them. The international environment provided an excellent opportunity to develop foreign language skills further, as the JTAC soldiers were only allowed to communicate with the officer candidates in English, and to practice requesting and directing air support, air rescue and artillery fire.

12.4. INTERNATIONAL EVENTS ORGANISED BY FACULTY OF LAW ENFORCEMENT

9 December 2020 - International Scientific Conference "The Impact of the Digital World on the Leadership Management Process of Law Enforcement Agencies"

The international online conference was organised by the Department of Law Enforcement Leadership Management and the Hungarian Law Enforcement Scientific Association. The main topics were the possibilities of working from home for law enforcement officers, good practices in working digitally, the current and future possibilities in the field of artificial intelligence and the characteristics of the leadership management system during digital work. The lecturers were professors from the Hungarian host department and international lecturers from the Police Education and Training Unit of the Police of the Czech Republic, from the Academy of the Police Force in Bratislava (Slovakia) and from the 'Alexandru Ioan Cuza' Police Academy in Bucharest (Romania).

11-13 December 2020 - INTERPA General Council Meeting and 9th Annual Conference "Challenges of Police Academies for the Near Future"

The International Association of Police Academies (INTERPA) held the 9th Annual INTERPA Conference with the title 'Challenges of Police Academies for the Near Future between' on 11-13 December

2020 via the Zoom platform. Police Brigadier General Gábor Kovács, department chair of the Faculty of Law Enforcement, delivered a presentation with the title "The New Methods of and Appropriate Answers to the near Future Challenges of Hungarian Law Enforcement Bachelor's and Master's Education. The University of Public Service's application for membership was approved by the members of the council at the meeting.

23 February 2021 - Fire Engineering & Disaster Management Pre-recorded International Scientific Conference

The Faculty of Law Enforcement, together with the online Journal Védelem (Protection), organised an online conference, in which a total of 126 speakers (41 foreign, 85 Hungarian) from 21 universities (16 foreign, 5 domestic ones) participated. The event featured 90 presentations in 5 different sections (fire engineering; fire protection; firefighting and rescue operation management; disaster management; and safety and security). The primary goal of the conference was to present the current scientific research in the field of fire engineering and other areas of fire protection. The majority of the presentations targeted fire protection, but there were also a number of presentations focusing on certain aspects of disaster management and safety.

12.5. INTERNATIONAL EVENTS ORGANISED BY THE FACULTY OF WATER SCIENCES

7–10 July 2020 – 10th Conference on Fluvial Hydraulics, River Flow 2020

The Faculty of Water Sciences participated at the 10th conference on Fluvial Hydraulics, River Flow 2020, organised under the auspices of the Committee on Fluvial Hydraulics of the International Association for Hydro-Environment Engineering and Research (IAHR) by IHE Delft, Netherlands, on 7–10 July, 2020. The conference was held online and Ludovika gave two presentations.

3 December 2020 – 9th HydroCarpath International Conference

The conference was organised around the topic “Processes, patterns and regimes in the hydrology of the Carpathians: coupling experiments, remote sensing, citizen science and modelling”. The event was organised jointly by the Slovak University of Technology in Bratislava, Slovakia, the University of Sopron, Hungary, the Vienna University of Technology, Austria, the Vienna Doctoral Programme on Water Resource Systems and the University of Natural Resources and Life Sciences, Vienna, Austria.

April 2021 – EGU General Assembly 2021

The Faculty of Water Sciences participated and held a presentation at the online EGU 2021 General Assembly that took place on 19–30 April, 2021. The EGU General Assembly 2021 brought together geoscientists from all over the world to one meeting covering all disciplines of earth, planetary, and space sciences. The EGU aims to provide a forum where scientists, especially early career researchers, can present their work and discuss their ideas with experts in all fields of geoscience.

April 2021 – DAREFFORT Final Conference

The Faculty of Water Sciences participated in the DAREFFORT Final Conference and 6th Periodic Project Meeting, and the 2nd Danube Forecasting Forum (DAFF). This conference consisted of three parts: the DAREFFORT Final Conference was a public event to demonstrate and exhibit the major achievements of the DAREFFORT project; the 6th Periodic Project Meeting, with SAB and SCOM meetings comprised sessions exclusively for DAREFFORT project partners and associated partners; and the 2nd Biennial Danube Forecasting Forum (DAFF) was a public conference about the status and developments of flood and ice forecasting in the Danube basin.

12.6. INTERNATIONAL EVENTS ORGANISED BY THE EÖTVÖS JÓZSEF RESEARCH CENTRE

INSTITUTE OF CENTRAL EUROPEAN STUDIES (KEKI)

6 November 2020 – ASEEEES Convention

The Institute of Central European Studies (KEKI) took part in the 2020 international “virtual” ASEEEES Convention on 6 November 2020. The Convention’s central theme was Anxiety and Rebellion. The research team from KEKI joined the Convention with their own panel on urban history: “Cities between History and Memory in post-1989 Central Europe: The Examples of Budapest, Košice, and Western Romania”. The chair of the panel was director Pál Hatos, and Róbert Balogh participated as discussant. Pál Hatos presented his paper “From the City in Revolution to the City of Evil: The Memory of 1918–1919 Budapest”, Veronika Szeghy-Gayer focused on “Politics of Memory and Local Identity in Post-1989 Košice, Slovakia”, and Csaba Zahorán presented his paper called ‘Towns in captivity’: Transformation of the Towns of Transylvania in the Interwar Period: The Hungarian Point of View”. ASEEEES is a constituent society of the American Council of Learned Societies, the National Council of Area Studies Associations, and the Coalition for International Education. ASEEEES was a founding member of the International Council for Central and East European Studies and is housed at the University of Pittsburgh in the United States of America.

January 2021 – Launch of the English language journal Central European Horizons

The Institute of Central European Studies launched a new, electronic, international English language journal Central European Horizons at the beginning of 2021. The authors and editors had been working for months to give the journal a new shape that enables the Institute to expand its scope and potential reach. It also earned a DOI identifier that will make the Institute’s presence permanent. Central European Horizons appeared in the EPA electronic database.

22 February 2021 – Roundtable Discussion on Researching the Environment

Research fellow Róbert Balogh organised the Institute of Central European Studies’ first English-speaking online ‘round table discussion’ that addressed the possible ways of researching the environment. He invited three speakers from different areas of expertise and from three Central European countries, Daniela Neubacher from the Institute for the Danube Region and Central Europe (Vienna), Miha Kozorog from the University of Ljubljana, and András Vadas from the Loránd Eötvös University in Budapest. The title of the event was “Green Danube? What else?” and took place 22 February 2021.

15–16 April 2021 – international conference “Crossing the Lines between Marxism and Christianity in 20th Century East/Central Europe”

Director Pál Hatos participated in the online international conference “Crossing the Lines between Marxism and Christianity in 20th Century East/Central Europe,” organised by the Institute for Historical Studies (in Slovenia) on 15–16 April 2021. The title of his presentation was “The French Connection”.

29–31 May 2021 – Online Conference of the Hungarian Studies Association of Canada

Senior research fellow Miklós Mitrovits took part in the annual international online conference titled “Hungary: Northern Relations,” held by the Hungarian Studies Association of Canada on 29–31 May 2021. The panel’s Title was Polish-Hungarian Relations in the Era of Late Socialism. Miklós Mitrovits gave a presentation entitled Polish-Hungarian Relations in Opposition (1976–1989).

INSTITUTE OF CYBERSECURITY

February 2021 – Book launch: Information and cybersecurity

The information society created by the socio-economic changes caused by digitalization presents new types of challenges, both at the individual level and at the national or global level. In addition to the positive benefits of data-driven processes, accelerated technological development and innovation, it is fraught with many threats that must be addressed to be effective at all levels of life. On the topic of information and cybersecurity, this study reviews the different dimensions of R&D and an innovative ecosystem, the theoretical (regulatory) and practical aspects of critical information infrastructures, the role of international institutions, and the importance of data protection law and the consequences of the platform economy. In the second half of the volume, cyber diplomacy is presented as an emerging field of research and discusses basic concepts and theoretical debates and their role in international relations (with concrete examples) and the foreign economy.

This volume also exemplifies how the Institute of Cybersecurity of the Eötvös Research Centre is building an unparalleled knowledge base and continuing the information and cybersecurity research activities of Hungarian higher education using the most robust social science approach. The work is available on the Knowledge Portal of the University of Public Administration, with 12 studies in Hungarian and 6 in English.

December 2020 – Cybersecurity Handbook for Industrial Control Systems in Electricity

The book, published in December 2020 by the Special Service for National Security, National Cybersecurity Centre, is the first significant product of the SeConSys (Security for Control Systems) collabora-



tion. The Hungarian Electrotechnical Association and the University of Public Service brought together 20 experts to cover this niche topic, recommended to companies and organisations involved in the subject. One of the SeConSys collaboration coordinators is Dr. Csaba Krasznay, head of the Institute of Cybersecurity.

24 February 2021 – Lessons from the Solarwinds case – the state of play of the Russian-American cyber-strategy game in early 2021

US security firm FireEye announced in mid-December 2020 that its IT system had been attacked, in which, among many other state and non-state companies, Microsoft was also involved. The event, organized by the Institute of Cybersecurity, invited participants to analyse the events, clarify the technical parameters and summarise the policy options.

Talent development and youth education at the Institute of Cybersecurity

Mentoring talented students has been one of the main priorities of the Institute of Cybersecurity. As a result, our students won many distinguished awards this year:

In June 2021, the US-based Second Annual White Hat Conference took place virtually with a Cybercrime Investigation Competition organised by the Boston University Metropolitan College’s Cybercrime Investigation & Cybersecurity programme. Students of the University of Public Service won first place in a strong field.

In the 7th Cyber 9/12 Challenge held in Geneva on 11–12 May 2021, our students faced a gradually escalating cyber crisis in Europe, presenting policy proposals to a panel of expert judges. The TalTech-UPS

joint team (Tal-UPS) finished in second place, while the individual UPS team received the “Most Creative Response” award among groups of the world’s highest-ranking universities. Many of our students were accredited to the XXXV. National Scientific Students’ Associations Conference, where the two first prizes and one second and one third3rd prizes, and many special awards were presented.

Motivated students participated in the Cybersecurity Hackathon on 2-4 October 2020 organised at the UPS with Hungarian universities and market participants, such as the OXO Cybersecurity Lab.

October 2020 - European Cybersecurity Month at the UPS

Based on our traditions, the European Cybersecurity Month series of events, supported by the ENISA and the European Commission, was organised at

AMERICAN STUDIES RESEARCH INSTITUTE

Roundtable discussions on the US situation

The American Studies Research Institute has launched online roundtable discussions many times to evaluate the situation in the US and its presidential elections. Together with associated scholars, experts of the Institute aimed to discuss both domestic and international challenges faced by the US.

RESEARCH INSTITUTE FOR POLITICS AND GOVERNMENT

16 November 2020 - Educating the Soul through Art – Conference on the Political and Aesthetical Legacy of Sir Roger Scruton’s Work

As part of the institute’s ongoing research on British conservatism in a European context, the institute jointly organised this online conference on the work of the late Sir Roger Scruton with the University of Buckingham (UK), where he taught in the last years of his life. The special aspect was the relationship between the philosopher’s ideas on political philosophy with his views on the philosophy of art. We had a rather strong line-up, including Raymond Tallis from the UK and Ferenc Hörcher, offering keynotes. Responses came from co-organiser Alicja Gescinska from Buckingham University and James Hankins (Harvard). There was a discussion session with an international student from Buckingham and Zoltán Pető from our university. There were 74 attendees, according to our registra-

tion list. We made the talks available online. The event closed with a short online concert, with Kristi Bryson (singing) and Katalin Csillagh (piano) performing three songs written by Roger Scruton.

15 June 2021 - China’s Quest for Foreign Technology - online book launch

The Institute of Cybersecurity, together with the American Studies Research Institute, organised an online book launch of “China’s Quest for Foreign Technology: Beyond Espionage” on June 2021 with Didi Kirsten Tatlow, co-editor and co-author of the book, published in 2021 (Routledge). She is a senior fellow in the Asia Programme at the German Council of Foreign Relations (DGAP) in Berlin, Germany, and a Senior Non-Resident Fellow in Projekt Sinopsis in Prague, Czech Republic.

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20 November 2020 - Online workshop on “Christianity, Politics and Secular Religions”

Hans Otto Seitschek from Ludwig-Maximilians-Universität, Munich spoke about 20th century totalitarianisms as political religions; William T. Cavanaugh from DePaul University, Chicago on nationalism as a sort of idolatry; Michal Gierycz from Cardinal Stefan Wyszyński University, Warsaw on the current anthropological debates in the EU; Patrick J. Deneen from the University of Notre Dame on liberal and post-liberal theology; and Phillip Blond from ResPublica Institute, London on Christianity and the Empire. The workshop took place, with participants from Germany, the United States, Poland, and the United Kingdom.

INTERNATIONAL EVENTS ORGANISED BY INSTITUTE FOR STRATEGIC STUDIES

January 2021 - Conference on the occasion of John Lukacs’s 97th birth anniversary “Tocqueville, Lukacs and the situation of American Democracy”

The conference was dedicated to the memory of the famous American historian of Hungarian descent, John Lukacs, who died in 2019. At the joint online event of the Institute for Strategic Studies at the University of Public Service and the Otto von Habsburg Foundation, former colleagues and friends also revealed the legacy of John Lukacs through anecdotes and personal stories.

The conference - moderated by Director Gergely Pröhle - was opened by András Koltay, Rector of the University of Public Service. David Contosta, Professor at Chestnut Hill College, a friend and former associate of John Lukacs, spoke about how Lukacs had tried to interpret the past and how he saw human nature. Géza Jeszenszky, a historian and former Hungarian Foreign Minister, reminded the participants that John Lukacs had been present in Hungarian university life since the 1970s. The former foreign minister noted that although Lukacs had lived far from his homeland, he had always been proud of his Hungarian origin. The audience was also able to listen to Ferenc Hörcher, historian and research professor, Máté Botos, historian, Gergely Szilvay, historian and journalist, and Tamás Magyarics, historian, former ambassador and university professor. More than two hundred people - including Professor Lukacs’s former students from the US - registered for the conference.

May 2021 - Conference on the occasion of the 30th anniversary of the Visegrad Cooperation “The Role of the Visegrad Cooperation in shaping the Future of Europe”

The last three decades have brought several changes into the life of the V4 countries, but the most important development was that they have become an institutionalised part of the European and Transatlantic cooperation for more than 15 years. As members of the EU and NATO, in the sense of “Central-European togetherness” they toned to find the way to be able to seize the opportunities resulting from the regional cooperation and thus contribute to the success of the European Union. The conference was opened by Gergely Pröhle, Director of the Institute for Strategic Studies, and Edit Szilágyiné Bátorfi, Ambassador and Executive Director of the International Visegrad Fund. Hubert Védrine, former French Foreign Minister, Jerzy Buzek, former Prime Minister of Poland and MEP of the European Parliament and János Martonyi, former Hungarian Foreign Minister spoke about the importance and the future of the V4 cooperation and about its role in the European Union. Beside the Hungarian audience, there were participants from Poland, France, Germany, United Kingdom, Spain and Bosnia - Herzegovina as well.

September 2021 - Online conversation series “Quo vadis Europe after the German and French elections?”

In September 2021 there will be parliamentary elections in Germany and in April 2022 presidential elections will be held in France. In this context, the online conversation series of the Institute for Strategic Studies was aimed at recalling the developments of the last decades and analysing the trends that are already detectable. The first guest of the conversation series (on 4 June 2021) was Klaus von Dohnanyi, a German politician from the Social Democratic Party (SPD) and former Mayor of Hamburg. At the second event of the online conversation series (on 28 June 2021) Alexander Graf Lambsdorff, a German politician and Deputy Group Chairman of the Free Democratic Party, spoke about current German internal affairs, and the chances of the different political parties three months before the elections.

7 June 2021 “Christianity and Policy Space in the 21st Century”

The discourse on the future of Europe cannot be without a dialogue on the fundamental values of the continent. It was therefore worth recalling the millennial Judeo-Christian tradition and also taking into account how the ideas of the Enlightenment prevail - how the complex phenomenon of modernisation affects churches, denominations, political communities and European society as a whole. The conference was opened by Cirill Hortobágyi OSB, Archbishop of Pannonhalma, and András Koltay, Rector at the University of Public Service. After the introductory speech by Gergely Pröhle, Director of the Institute for Strategic Studies, Cardinal Kurt Koch, President of the Pontifical Council for Promoting Christian Unity, Katalin Novák Minister for Family Affairs, Vice President of the FIDESZ party, Dr Jan Peter Balkenende, former Prime Minister of the Netherlands and Mgr. Matthieu Rougé, Bishop of Nanterre, tried to find answers to the questions above.

