

DESCRIPTION OF THE FIELD OF HABILITATION PROCEEDINGS AND PROCEEDINGS FOR THE APPOINTMENT OF PROFESSORS

MILITARY COMMUNICATION AND INFORMATION SYSTEMS

1. Definition of the field of habilitation proceedings and proceedings for the appointment of Professors (hereinafter referred to as "habilitation and inauguration proceedings")	
Name of higher education institution	Armed Forces Academy of General Milan Rastislav Štefánik
Name of the field of habilitation and inauguration proceedings	Military Communication and Information Systems
Degree awarded	Associate Professor (abbreviation Assoc. Prof.), Professor (abbreviation Prof.)
Assignment to the field of study	Defence and Military
Content definition	
<p>Name and content definition of the field of habilitation and inauguration proceedings (the content definition is based on the definition of the study field to which the field of habilitation and inauguration proceedings is assigned - supporting topics of the core knowledge of the field of study are based on Decree No. 244/2019 Coll. of the Ministry of Education, Science, Research and Sports of the Slovak Republic on the system of fields of study in the Slovak Republic)</p>	<p>Habilitation and inauguration proceedings of the field Military Communication and Information Systems is assigned to Defence and Military study field.</p> <p>The field of study includes knowledge, skills and competences related to military art, the structure of the armed forces, the tasks of individual components of the armed forces and preparation for activities within the entire spectrum of operations of the armed forces of the Slovak Republic (hereinafter referred to as the "armed forces"). The core topics of the field are made up of a system of knowledge in command and control of the armed forces and, according to the relevant military expertise and its specialization, include knowledge about the structure and tasks of the individual branches of the armed forces, their management and command, as well as relevant technical means and systems.</p> <p>Core topics include knowledge in humanities, social, legal and behavioural sciences related to military, command and control, national and international security, economics and defence resource management, military systems management, operational and combat use of armed forces, military communication and information systems, armament and technology of the armed forces and military logistics.</p> <p>Individual study programmes in the field of study are based on the requirements of the armed forces and focus more closely on the preparation of</p>

	<p>university-educated commander and professional personnel for military branches or capabilities of the armed forces. Other core topics, depending on the study programmes, are: security and defence of the state, crisis management, international crisis management organizations, building and development of the armed forces, defence economics and the economy of the armed forces, command and control systems in the armed forces, deployment of the armed forces, combat service support and security of the armed forces, informatics, military telecommunication and radio communication systems, cyber security and defence, military modelling and simulation systems, weapons and weapon systems, electronic weapon systems, sensor systems, land, air and special equipment and technology, explosives and ammunition, optics and optoelectronics.</p>
<p>Content definition of the field of habilitation and inauguration proceedings shall be defined as closely as possible to the field of study to which it is assigned (area and scope of knowledge, skills and competences required for the third level of degree are based on Decree No. 244/2019 Coll. of the Ministry of Education, Science, Research and Sports of the Slovak Republic on the system of fields of study in the Slovak Republic)</p>	<p>The applicant masters the scientific methods of basic and applied research in the field of defence and military. He/she has extensive professional knowledge in several areas of the field of study, which serve him/her as a basis to carry out research and development and generate new knowledge in the field of development and management of the armed forces.</p> <p>The applicant is able to formulate new hypotheses and strategies for further research and development of the use of military technologies. He/she then applies the findings of research and development to solve the armament problems within the armed forces.</p> <p>Habilitation and inauguration proceedings of the field Military Communication and Information Systems is defined for research and development, which focuses on military information systems, command and control systems, computer system architectures, program systems, computer graphics and image processing, artificial intelligence and neural networks, computer networks, communication and convergent networks, information and cyber security, management of information and communication systems, modelling and simulation of military systems.</p> <p>The applicant works creatively, he/she possesses critical thinking skills enabling him/her to solve military and technical problems and uses scientific methods in the field of defence and military. He/she formulates research projects in the field of defence</p>

	and military, presents the results of research and development to the scientific community and the military community in an international environment. He/she directs the research team and participates in the formulation of the strategy for the development of the armed forces in the relevant area.
A fact confirming that the Armed Forces Academy of General Milan Rastislav Štefánik is authorized to create, implement and edit study programmes of the PhD degree in the field of study to which the field of habilitation and inauguration proceedings are assigned to.	<p>State security and defence PhD degree (daily studies): https://www.portalvs.sk/sk/morho/zobrazit/113104</p> <p>State security and defence PhD degree (external studies): https://www.portalvs.sk/sk/morho/zobrazit/113103</p> <p>Electronic weapon systems PhD degree (daily studies): https://www.portalvs.sk/sk/morho/zobrazit/113102</p> <p>Electronic weapon systems PhD degree (external studies): https://www.portalvs.sk/sk/morho/zobrazit/113101</p> <p>Military communication and information systems (daily studies): https://www.portalvs.sk/sk/morho/zobrazit/113100</p> <p>Military communication and information systems (external studies): https://www.portalvs.sk/sk/morho/zobrazit/113099</p> <p>Weapon systems, weapons and their parts (daily studies): https://www.portalvs.sk/sk/morho/zobrazit/113098</p> <p>Weapon systems, weapons and their parts (external studies): https://www.portalvs.sk/sk/morho/zobrazit/113097</p>

2. Staffing of the field of habilitation and inauguration proceedings		
<i>List of personnel responsible for development and quality assurance of the field of habilitation and inauguration proceedings</i>		
Name and Surname	Position	Additional information
Prof. Dipl. Eng. Marcel HARAKAĽ, PhD.	university teacher assigned to the position of professor in the field of study Defence and Military	link to universities register (employee register): https://www.portalvs.sk/regzam/detail/16203 link to outputs of creative activity (OCA): http://epc.aos.sk/webisnt/epc.htm
Prof. Dipl. Eng. Jozef ŠTULRAJTER, CSc.	university teacher assigned to the	link to universities register (employee register):

	position of professor – chief of department in the field of study Defence and Military	https://www.portalvs.sk/regzam/detail/16578 link to OCA: http://epc.aos.sk/webisnt/epc.htm
Assoc. Prof. RNDr. Ľubomír DEDERA, PhD.	university teacher assigned to the position of senior lecturer in the field of study Defence and Military	link to universities register (employee register): https://www.portalvs.sk/regzam/detail/8150 link to OCA: http://epc.aos.sk/webisnt/epc.htm
LtCol Assoc. Prof. Michal TURČANÍK, PhD.	university teacher assigned to the position of senior lecturer in the field of study Defence and Military	link to OCA: http://epc.aos.sk/webisnt/epc.htm
Assoc. Prof. Dipl. Eng. Július BARÁTH, PhD.	university teacher assigned to the position of senior lecturer in the field of study Defence and Military	link to universities register (employee register): https://www.portalvs.sk/regzam/detail/16199 link to OCA: http://epc.aos.sk/webisnt/epc.htm
Composition of the Scientific Board of the Armed Forces Academy of General Milan Rastislav Štefánik, indicating the field of operation according to the applicable legislation https://weblm.aos.sk/clanok/271-vedecka-rada		

3. Level of criteria for evaluating the fulfilment of the conditions for obtaining the title of Associate Professor	
<i>Currently adopted and publicly accessible criteria for evaluating the fulfilment of the conditions for obtaining the title of Associate Professor, which are in accordance with general binding rules.</i>	
Criteria for evaluating the fulfilment of the conditions for obtaining the scientific-pedagogical title „Associated Professor“ and criteria for evaluating the fulfilment of the conditions for obtaining the scientific-pedagogical title „Professor“, 2022	https://weblm.aos.sk/data/component_file/100/191/f589.pdf
<i>Previous versions of the criteria with an indication of their validity.</i>	
Criteria for evaluating the fulfilment of the conditions for obtaining the scientific-pedagogical title „Associated Professor“ and criteria for evaluating the fulfilment of the	https://weblm.aos.sk/data/component_file/100/191/f594.pdf

conditions for obtaining the scientific-pedagogical title „Professor“, 2015	
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4. Level of criteria for evaluating the fulfilment of the conditions for obtaining the title of Professor

Currently adopted and publicly accessible criteria for evaluating the fulfilment of the conditions for obtaining the title of Professor, which are in accordance with general binding rules.

Criteria for evaluating the fulfilment of the conditions for obtaining the scientific-pedagogical title „Associated Professor“ and criteria for evaluating the fulfilment of the conditions for obtaining the scientific-pedagogical title „Professor“, 2022	https://weblm.aos.sk/data/component_file/100/191/f589.pdf
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Previous versions of the criteria with an indication of their validity.

Criteria for evaluating the fulfilment of the conditions for obtaining the scientific-pedagogical title „Associated Professor“ and criteria for evaluating the fulfilment of the conditions for obtaining the scientific-pedagogical title „Professor“, 2015	https://weblm.aos.sk/data/component_file/100/191/f594.pdf
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5. Rules and procedures of habilitation and inauguration proceedings

Currently adopted and publicly accessible rules and procedures of habilitation and inauguration proceedings.

Rules and procedures of habilitation and inauguration proceedings at the Armed forces Academy of General Milan Rastislav Štefánik, 2022	https://weblm.aos.sk/data/component_file/100/190/f606.pdf
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Rules of Procedure of the Scientific Board	https://weblm.aos.sk/data/component_file/100/271/f408.pdf
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Previous versions of the adopted and publicly accessible rules and procedures of habilitation and inauguration proceedings with an indication of their validity.

Directive No. Q-22, 2020 of the Armed Forces Academy of General Milan Rastislav Štefánik on habilitation and inauguration proceedings.	https://weblm.aos.sk/data/component_file/100/190/f516.pdf
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6. Links to ongoing proceedings

Habilitation proceedings	https://weblm.aos.sk/clanok/habilitacne-konania
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Inauguration proceedings	https://weblm.aos.sk/clanok/inauguracne-konania
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7. Linky na prebiehajúce konania

Habilitation proceedings	https://weblm.aos.sk/clanok/habilitacne-konania
Inauguration proceedings	https://weblm.aos.sk/clanok/inauguracne-konania