

Country .....	Institution .....	Module <b>Defence and Security Economics</b>	<b>ECTS</b> <b>4.0</b>
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<b>Service</b> <b>All</b>	<b>Minimum Qualification for Lecturers</b> <ul style="list-style-type: none"> <li>• <b>Officers or Civilian Lecturers:</b> <ul style="list-style-type: none"> <li>○ English: Common European Framework of Reference for Languages (CEFR) Level B2 or NATO STANAG 6001 Level 3.</li> <li>○ Thorough knowledge of public economics, defence economics and economics.</li> <li>○ Adequate knowledge of economics.</li> </ul> </li> </ul>
<b>Languages</b> <b>English</b>	

<b>Prerequisites for international participants</b> <ul style="list-style-type: none"> <li>• English: Common European Framework of Reference for Languages (CEFR) Level B1 or NATO STANAG Level 2.</li> <li>• At least 1 year of national (military) higher education.</li> <li>• Basic knowledge of economics and public economics or public finance.</li> </ul>	<b>Goal of the Module</b> <ul style="list-style-type: none"> <li>• Discover and understand basic principles of functioning, structure and trouble spots of the economy part which creates conditions for basic satisfying societal needs as a protection of territorial integrity, state institutions, citizen and its property.</li> <li>• Be aware of specification, classification and economic consequences of military expenditures and defence budgeting.</li> <li>• Introduce to arms production and arms trade points at issue.</li> <li>• Introduce to defence acquisition system.</li> <li>• Deepen knowledge of the economic consequences of allied defence and security provision.</li> <li>• Deepen knowledge of the decision making process within department of defence area.</li> <li>• Learn about economic aspects of armed conflicts, causes, impacts and economic consequences of armed conflicts.</li> <li>• Learn about future development of defence and security economy and economics in connection of emerging risks, threats and challenges as well as about defence resources allocation.</li> <li>• Learn about possibilities of economic analysis usage within military and defence.</li> </ul>
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<b>Learning outcomes</b>	<table border="1"> <tr> <td style="text-align: center; vertical-align: middle;"> <b>Knowledge</b> </td> <td> <ul style="list-style-type: none"> <li>• Knows the crucial economy-security relations and principles of economic provision of defence and security.</li> <li>• Knows the basic direction of defence and security economy development.</li> <li>• Knows the basics of the economics in relation with defence budgeting.</li> <li>• Knows basic principles of department of defence functioning in context of public government mission.</li> <li>• Understands the national, European and international economic actors and their connections with particular reference to crisis/conflict conditions and military operations abroad.</li> <li>• Demonstrate the necessary terminologies allowing him/her to express opinion, arguments and feedbacks in an appropriate manner in English.</li> </ul> </td> </tr> </table>	<b>Knowledge</b>	<ul style="list-style-type: none"> <li>• Knows the crucial economy-security relations and principles of economic provision of defence and security.</li> <li>• Knows the basic direction of defence and security economy development.</li> <li>• Knows the basics of the economics in relation with defence budgeting.</li> <li>• Knows basic principles of department of defence functioning in context of public government mission.</li> <li>• Understands the national, European and international economic actors and their connections with particular reference to crisis/conflict conditions and military operations abroad.</li> <li>• Demonstrate the necessary terminologies allowing him/her to express opinion, arguments and feedbacks in an appropriate manner in English.</li> </ul>
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	Skills	<ul style="list-style-type: none"> <li>• Is able to analyse, synthesize, evaluate and make sound judgments with initiative and creativity.</li> <li>• Is able to consider the main economic problems related to the security and defence field.</li> <li>• Is able to consider the specific and economic consequences of defence budgeting.</li> <li>• Is able to consider impacts of specific background of the defence acquisition system.</li> </ul>
	Competences	<ul style="list-style-type: none"> <li>• Is able to argue the necessity of the economic burden which is borne by the society on the ground of defence and security provision.</li> <li>• Is able to argue the necessity and suitability of economic analysis methods used in the defence and military decision making process.</li> <li>• Analyse the economic trends and policies and consider possible courses of action.</li> </ul>

<p>Verification of learning outcomes</p> <ul style="list-style-type: none"> <li>• <b>Observation:</b> Throughout the Module students are to discuss the given topics within syndicates and in the plenary and present teamwork results. During these work students are to be evaluated to verify their competences.</li> <li>• <b>Project:</b> Group project and its defence and final examination. A group project will focus on the basic description of a selected part of defence and security economy. Students will have to select any country and do a general economic characterization, its defence or security system. Students will point out main problems connected to selected parts of defence and security economy within the condition of this country. Students can use basic methods of scientific work for the design of defence and security problem solutions.</li> <li>• <b>Test:</b> Written examination at the end of the module. The type of the test is up to the Course Director.</li> </ul>
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Module Details		
Main Topic	Recomm- ended WH	Details
Introduction to Defence and Security Economics	4	<ul style="list-style-type: none"> <li>• Relations between national economy and defence and security.</li> <li>• Development of military-economic thinking.</li> <li>• Defence and security as a economic problem.</li> </ul>
Defence spending as main Source of Defence Requirements and financing Needs	4	<ul style="list-style-type: none"> <li>• Public and military expenditures.</li> <li>• Defence spending and cuts.</li> <li>• Military expenditures classification.</li> </ul>
Military Expenditures Impacts on national Economy	4	<ul style="list-style-type: none"> <li>• Multiplicative effects of military expenditures.</li> <li>• Military expenditures and inflation.</li> <li>• Determinants of military expenditure level.</li> </ul>
Defence industrial Base and Arm Transfers	4	<ul style="list-style-type: none"> <li>• Defence industry.</li> <li>• Arms transfer.</li> <li>• Drivers of future defence industry development.</li> </ul>
Economics of Military Alliance	2	<ul style="list-style-type: none"> <li>• Pros and cons of own multilateral defence and security securing.</li> </ul>

		<ul style="list-style-type: none"> <li>Financial issues of multilateral defence and security securing.</li> </ul>
New Phenomenon in the national Defence and Security Economy	10	<ul style="list-style-type: none"> <li>Economics of terrorism.</li> <li>Economic of armed conflicts.</li> <li>Economics of private military and security companies, economics of military robotics.</li> <li>Economics of cyber space.</li> </ul>
Defence Resources allocation Efficiency	2	<ul style="list-style-type: none"> <li>Levels of resource allocation with defence area.</li> <li>Expression and evaluation efficiency within defence area.</li> </ul>
<b>Additional hours to increase the learning outcomes</b>		
Syndicate Work	9	<ul style="list-style-type: none"> <li>Work on a project (budgeted reduction implementation act.).</li> <li>Increase the understanding of the LOAC's principles.</li> <li>Increase the understanding of the context of definitions in IHL on the basis of specific examples.</li> </ul>
Case Studies and Discussions	8	<ul style="list-style-type: none"> <li>Illustrate the basic rules (Geneva Conventions and their Additional Protocols).</li> <li>Each case study comprises a description of a situation followed by questions.</li> </ul>
Defence Resources Management	6	<ul style="list-style-type: none"> <li>Introduction into defence resources management.</li> <li>Defence Resources Management Initiatives.</li> <li>Specification of defence budgeting.</li> </ul>
Financial Resources Management	6	<ul style="list-style-type: none"> <li>Introduction into financial resource management.</li> <li>Examples of Financial Management Systems.</li> <li>Foundations of Budget Design.</li> </ul>
Defence Acquisition System	8	<ul style="list-style-type: none"> <li>Introduction of defence acquisition system.</li> <li>Defence market.</li> <li>Defence acquisition management process.</li> <li>Defence acquisition management framework.</li> </ul>
Introduction to Economic Analysis within the Condition of Defence and of the Military Area	10	<ul style="list-style-type: none"> <li>Efficiency, economy and effectiveness problem in defence decision making process.</li> <li>Mission and function of economic analysis methods.</li> <li>Methods of economic analysis suitable for defence conditions.</li> <li>Examples of defence decision-making problems analysis (military training, garrisons' closure, economic impacts, military activity studies).</li> </ul>
Self-Study	23	<ul style="list-style-type: none"> <li>Preparation for the upcoming lessons and for exam(s).</li> <li>Reflection of the topics issued.</li> <li>If IDL is developed it may be counted to these hours.</li> </ul>
<b>TOTAL</b>	<b>100</b>	