

Country	Institution	Common Module Defence and Security Economics	ECTS 4.0
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Service All	<p style="text-align: center;">Minimum Qualification for Lecturers</p> <ul style="list-style-type: none"> • Officers or Civilian Lecturers: <ul style="list-style-type: none"> ○ English: Common European Framework of Reference for Languages (CEFR) Level B2 or NATO STANAG 6001 Level 3. ○ Thorough knowledge of public economics, defence economics, and economics.
Languages English	
SQF MILOF	<p>Competence area - Military Technician</p> <p>Learning area - Sustaining the force</p> <p>Organisation level – Political Civ.-Mil</p>

<p style="text-align: center;">Goals of the module</p> <ul style="list-style-type: none"> • Reflect on the place and dependencies of military logistics systems as part of a broader strategic, national /multinational economic architecture, including: <ul style="list-style-type: none"> – 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. – Specification, classification and economic consequences of military expenditures and defence budgeting. – Arms production and arms trade points at issue. – Defence acquisition system. – Economic aspects of defence alliances. – Decision making process within department of defence area. – Economic background of armed conflicts and terrorism, their causes and economic consequences. – Basic approaches to application of economic analysis in military and defence. 	<p style="text-align: center;">Prerequisites for international participants</p> <ul style="list-style-type: none"> • English: Common European Framework of Reference for Languages (CEFR) Level B1 or NATO STANAG Level 2. • At least 1 year of national (military) higher education. • Basic knowledge of economics and public economics or public finance.
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Learning outcomes	Knowledge	<ul style="list-style-type: none"> Identify the crucial economy-security relations and basic principles of defence and security economy and key economic specifics of defence and security in the context of public sector. Perform review of determinants and economic consequences of defence expenditures and trends in defence expenditures from regional/ European/ global prospective. Describe particularities of arms production and trade at national and international level. Identify basic principles of military manpower economics.
	Skills	<ul style="list-style-type: none"> Consider key economic problems related to the security and defence field. Deduces and interprets specific economic consequences resources allocation decision in defence and security. Conducts and interprets basic economic analyses in defence and security sector.
	Responsibility and Autonomy	<ul style="list-style-type: none"> Analyse, synthesise, evaluate, and make sound judgments with initiative and creativity. Argue the necessity of the economic burden which is borne by the society on the ground of defence and security. Judge applicability of economic analysis methods in the defence and military decision-making process.

Verification of learning outcomes

- Observation:** Throughout the module students are to discuss the given topics within syndicates and in the plenary and present teamwork results. During these discussions students are to be evaluated to verify their competences.
- Project:** 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 for a particular country or a set of countries. Students will have to elaborate a general economic characteristics of its/their defence or security system(s). Students will point out main issues connected with selected parts of defence and security economy in given country/countries, identify trends, make comparisons etc. Students will be required to apply basic methods of scientific research for the design of defence and security problem solutions, incl. basic quantitative/statistic methods.
- Test:** Written or oral examination at the end of the module. The type of the test is up to the Course Director.

Module Details		
Main Topic	Recomm- ended WH	Details
Introduction to Defence and Security Economics	4	<ul style="list-style-type: none"> • Relations between national economy and defence and security. • History of defense economics. • Defence and security as public goods.
Defence Expenditures	4	<ul style="list-style-type: none"> • Public and military expenditures. • Sources of data. • Trends and comparisons.
Determinants and Economic Consequences of Defence Expenditures	4	<ul style="list-style-type: none"> • Demand for defence and security. • Political, economic and security determinants of defence spending. • Multiplication effects of defence expenditures.
Defence Industrial Base and Arms Transfers	4	<ul style="list-style-type: none"> • Defence industry. • Arms market • Arms transfers. • Drivers of future defence industry development.
Economics of Military Alliance	2	<ul style="list-style-type: none"> • Pros and cons of own multilateral defence and security. • Financial issues of multilateral approach to defence and security.
Armed Forces and Labour Market	2	<ul style="list-style-type: none"> • Models of military manpower. • Specific position of armed forces in the labour market • Pros and cons of all-volunteer vs. conscription-based forces.
Recent trends Defence and Security Economy	4	<ul style="list-style-type: none"> • Economics of terrorism. • Economic of armed conflicts. • Economics of private military and security companies, economics of military robotics. • Economics of cyber space.
Defence Resources Efficiency	4	<ul style="list-style-type: none"> • Economic efficiency in defence. • Application of economic analysis in defence and security area.
Defence Resources Management	6	<ul style="list-style-type: none"> • Introduction into defence resources management. • Financial Management Systems. • Defence budgeting.
Defence Acquisition System	6	<ul style="list-style-type: none"> • Introduction of defence acquisition system. • Defence acquisition management process. • Defence acquisition management framework.

Total	40	
Additional hours to increase the learning outcomes		
Seminar Projects	4	<ul style="list-style-type: none"> • Assignment, consultations, and presentation/defence of funding within a team project focused on analysing a country/countries economy of defence sector.
Case Studies and Discussions	8	<ul style="list-style-type: none"> • Work on a case study (budgeted reduction implementation act).
Introduction to Economic Analysis in Defence and security Area	8	<ul style="list-style-type: none"> • Case studies of defence decision-making problems analysis (military training, garrisons' closure, economic impacts, military activity studies).
Self-Study	40	<ul style="list-style-type: none"> • Preparation for the upcoming lessons and for exam(s). • Reflection of the topics issued. • Seminar project elaboration.
Total additional hours	60	
TOTAL	100	

List of Abbreviations:

- B1, B2 CEFR Levels
- CEFR Common European Framework of Reference for Languages
- ECTS European Credit Transfer and Accumulation System
- ESDC European Security and Defence College
- IG Implementation Group
- iMAF international Military Academic Forum
- NATO North Atlantic Treaty Organization
- SQF MILOF Sectoral Qualification Framework for Military Officers
- STANAG Standardization Agreement
- WH Working Hour