



NEMZETI
KÖZSZOLGÁLATI EGYETEM
A HAZA SZOLGÁLATÁBAN
HADTUDOMÁNYI ÉS HONVÉDTISZTKÉPZŐ KAR

HADTUDOMÁNYI DOKTORI
ISKOLA
Alapítva: 1996 évben

THE TRAINING PLAN OF THE DOCTORAL SCHOOL OF MILITARY SCIENCES

Effective since 15th October 2016

THE TRAINING PLAN OF THE DOCTORAL SCHOOL OF MILITARY SCIENCES

1. THE OBJECTIVES OF TRAINING, FIELDS OF RESEARCH, AND FORMS OF TRAINING IN THE DOCTORAL SCHOOL OF MILITARY SCIENCES

a.) **The objective of training:** to prepare PhD students for obtaining their doctoral (PhD) degree, involved in some of the research fields of military sciences, doing organised or individual training.

b.) **The research fields of the doctoral school:** issues of military-science affecting the activities of defence and public service spheres, classified into seven fields:

1. Security studies;
2. Social-science issues of defence;
3. General theory of military science;
4. Theory of military art;
5. Defence logistics and defence economics;
6. National security;
7. Theory of defence information technology and communication.

c.) The training at the Doctoral School of Military Sciences is based on the accredited Masters programs listed below:

- | | |
|---|-----------------------------------|
| - Military operational logistics | (HAC Res. No.)
(2012/9/VI/11); |
| - Defence administration | (2005/8/IV/4); |
| - International security and defence policy | (2005/8/IV/6); |
| - National security | (2005/8/IV/7); |
| - Law-enforcement leadership | |
| - Military leadership | (2005/8/IV/8). |
| - Military facility management | (2012/9/VI/13); |

On this basis the Doctoral School primarily admits students with Master's Degrees from the above programs. However, pursuant to the Act on higher Education, any applicant with a degree from another institution of higher education may also be admitted if he/she applies with a research topic relating to military sciences.

d.) **Forms of training at the Doctoral School:**

- Organised training:
 - full-time training (state-funded or self-funded);
 - part-time (distance learning) training (self-funded);
 - individual training (self-funded).
- Individual preparation

e.) **Language of training:** Hungarian and English.

2. CREDIT ALLOCATION, REQUIREMENTS OF TRAINING

a.) General training requirements:

- In the framework of organised training a minimum of 240 credits need to be obtained by the end of the 8th semester in order to be granted the permission to receive the pre-degree certificate, in following structure:
 - minimum 50 credits for academic achievements;
 - minimum 180 credits for scientific research;
 - maximum 10 credits for lecturing (education).
- The doctoral training consists of two phases:
 1. Training and research phase, and
 2. Research and dissertation phase.

Each phase consists of four semesters and an average of 30 credits needs to be collected during each one of them (8x30 = 240 credits).

1. Training and research phase:

- by the end of the training and research phase (the end of the first four semesters) 120 credits need to be obtained in the following arrangement:
 - 50 credits for academic achievements;
 - 70 credits (minimum) for scientific research;
 - 10 credits for lecturing (a maximum of 10 credit can be obtained, however, lecturing is not obligatory, if a PhD student does not take it, teaching may be substituted with scientific or academic activities);
 - at the end of this phase the PhD students are obliged to pass a complex final examination;
 - after the successful complex examination 20 credits are awarded, which are taken into account in the 5th semester;
 - by the end of the first semester the PhD student needs to prepare his/her *Two-year individual study and research plan* for the first four semesters, which is to be submitted by 31st January next year;
 - before registering for the complex final examination, by 31st May, the PhD student is required to submit his/her research plan for the Research and dissertation phase.

At the end of the Training and research phase the PhD student shall take a complex final examination after which he/she shall have maximum three years to prepare his/her dissertation and register for degree procedure.

The Training and research phase is followed by the second phase of the doctoral training, the Research and dissertation phase.

2. Research and dissertation phase

- In this phase the objective is to achieve progress in the fields of continuous research and the preparation of the dissertation. Therefore the PhD student is required to report on his/her advance in the framework of Module “Dissertation research” and may receive five credits per semester.

- This phase also consists of four semesters and 120 credits have to be obtained in the following structure:
 - 20 credits for the complex final examination;
 - 70 credits (minimum) for scientific research work;
 - 20 credits for dissertation research work;
- 10 credits for lecturing (for eight semesters a maximum of 10 credit can be collected, however, lecturing is not obligatory, if a PhD student does not take it, teaching may be substituted with scientific or academic activities).

The requirements of doctoral training are identical for full-time and part-time students, however, those participating in individual training shall obtain the 240 credits in accordance with their own research plan, and the necessary number of credits is to be obtained by the end of the training and research phases. These students, however, are not obliged to attend PhD classes.

b.) Requirements to meet academic requirements

In the field of studies each PhD student participating in organised training is obliged to sign up for the following courses from the requested and elective courses in the following order:

- In semesters 1-4 each PhD student conducting organised training is obliged to sign up for the courses listed in the Curriculum Sample as contact classes, required courses with examination, and seminar courses:
 - Both in semesters 1 and 2, one course with examination is to be signed up for, if possible, in connection with the selected research topic, from the list of elective research courses, for 3 credits each. Such course may be chosen from any research field. The list of elective research courses is approved by the Council of the Doctoral School every year.
 - Both in semesters 3 and 4, two elective research seminars are to be signed up for from the **PhD student's own research field** for two credits in each semester. (The research seminars are evaluated with marks.) The list of optional research seminars is approved by the Council of the Doctoral School every year.
- The above criteria are compulsory also for PhD students doing individual training as well.
- Apart from the above, further examination subjects and research seminars may also be signed up for (preferably in the first four semesters) but the total number of credits should not exceed 264 by the end of the training program.
- In semester 4 the PhD student is to sign up for a *Research Workshop Seminar*, which prepares him/her for the comprehensive examination. At the beginning of the semester the doctoral students are informed about the requirements for the comprehensive examination and the method of compiling a research plan. At the end of the semester the doctoral students – organised on the basis of their research fields – demonstrate their knowledge of the special literature and present their research plans for the research and dissertation phase at a forum organised by the leader of the research field.
- In the Research and dissertation phase the doctoral students are to sign up for the Module Dissertation research work (I-IV) in the framework of which they are required to demonstrate their progress in their research programmes at the end of the semester – organised by the leader of the given research field.

c.) Requirements of scientific research work

- In order to meet the requirements of scientific research work the doctoral student is requested to sign up for the actual course “Scientific research” (Scientific research I-VIII.) For scientific research activities in semester 1 no fewer than 9, and in each of the following semesters no fewer than 12 credits are to be obtained so that by the end of the doctoral training a minimum of 140 credits must be collected (for credit calculation see table of credits in Annex 1).
- One publication or scientific activity can be taken into account only once in the entire period of the doctoral training.
- A professional publication has a minimum length of 0.5 author’s sheet, and it should be published in domestic or international journals classified by the Committee on Military Science (or any other committee) of the HAS (categories A, B, or C).
- An exception of the above points is a poster, a conference contribution, or other types of minor supplementary paper published in a conference proceedings.
- The rules of taking into account publications in a semester:
 - a submitted but unevaluated publication, or a study where the editor requests some major changes are regarded as non-peer reviewed article;
 - to a submitted but unpublished paper an authentic editor’s declaration is to be attached on its prospective publication;
 - in the case of a co-authored paper a co-author’s declaration is to be attached including the proportion of his/her involvement. Credits are to be awarded on the basis of involvement proportion and the fractions are to be rounded in accordance with the general rules of mathematics. Five tenths are an exception as they are to be rounded up.
 - for credit calculation the photocopies of the articles published or scheduled for publication in the given semester, or in the case of on-line journals the downloaded and printed materials, must be submitted. If the study has not been published yet, it must be submitted at the secretariat of the DS no later than the last day of the next semester.
- A doctoral student is required
 - in the training and research phase: to obtain 10 publication credits, which means writing at least four publications in Hungarian on the student’s own research findings and have them published in domestic or international journals classified by the Committee on Military Science (or any other committee) of the HAS (categories A, B, or C).
 - in the research and dissertation phase: to obtain 10 publication credits, which means writing at least three publications in Hungarian and one in a foreign language published in domestic or international journals classified by the Committee on Military Science (or any other committee) of the HAS (categories A, B, or C).
- Therefore 20 publication credits are to be obtained for the pre-degree certificate.

d.) Lecturing requirements

- Lecturing is an optional – and not obligatory – way of obtaining credits.
- If a doctoral student does not sign up for lecturing activity he/she may obtain the 10 credits – instead of lecturing – through scientific activities or additional studies.
- A doctoral student employed as a teacher is not allowed to obtain credits through lecturing activities at the university employing him/her.
- Credits may be obtained through lecturing activity only after the 1st semester – with the exception of doctoral students doing individual training.

- A doctoral student who wishes to obtain credits through lecturing is to sign up for course “Lecturing” from the courses beyond his/her research field in the given semester.
- Lecturing can only be conducted with the permission of the Head of the relevant department, in the research topic of the doctoral student – or in a topic close to that research field.
- One credit may be obtained for four classes.
- For eight semesters not more than 10 credits may be obtained through teaching.
- The Head of the relevant department shall attest the conduct of teaching.

The requirements of doctoral training – and the rules of admission and degree procedures of students conducting individual preparation – are detailed in the Study and Examination Regulations of the DS and the Doctoral Regulations of the University.

3. TESTING PROGRESS

(1) The types of testing in individual academic subjects during the doctoral training are detailed in the Model Curriculum, while the contents-related requirements are detailed in the Programs of the courses.

(2) Testing may be conducted in the following ways:

a.) In the field of studies:

- examination – with marks from 1 to 5;
- practice – with marks from 1 to 5.

b.) In the field of scientific research and teaching:

- the fulfilment of the requirements related to the academic subject the student signed up for is through five-mark assessment.

(3) In the case of end-of-semester examinations – examination, evaluation, practice marks – it is the examiner, the leading teacher, in the case of “Scientific research” subjects the supervisor, with “Lecturing” subjects the Head of the relevant department (or the teacher appointed by him/her) who determines and signs the mark in the markbook. Modules Research workshop and Dissertation research work are signed by the leader of the research field.

(4) Retaking examinations and the tasks to complete for the successful retake are regulated by the NUPS Study and Examination Regulations.

(5) THE COMPREHENSIVE EXAMINATION

After the completion of the first four semesters of the doctoral training programme, of the training and research phase, doctoral students are required to take a comprehensive examination.

a.) The pre-conditions of applying for a comprehensive examination

- Application to the comprehensive examination through filling in the application form, accessible on the homepage of the Doctoral School (University), which is to be submitted to the Academic Organisational Centre.

- The doctoral student must have the supervisor’s assessment on his/her scientific advancement.

- No fewer than 120 training credits (50 for academic achievements and 70 for scientific research) are to be obtained in the “training and research phase” (the first four semesters).

- Ten publication credits (four peer-reviewed articles) obtained by the doctoral student.

- The application for obtaining a degree by a doctoral student doing individually preparation begins on the basis of his/her request, the application for comprehensive examination and its approval. The applicant should possess documented teaching and research work equal to 150 credits, and 20 credits for the publication activities, necessary for obtaining the degree. A person applying for individual preparation is to choose the courses of his/her examination from the list of courses approved by the DSC for the given academic year.

- Before the examination the doctoral student is to submit his/her research plan for the research and dissertation phase, which contains the requirements set by the DS, and the scheduling of the preparation of the dissertation and the publication of the research findings.

b.) The composition of the examination committee

- The comprehensive examination must be taken in public, before a committee.

- The examination committee consists of four members two of whom are not employed by the University.

- The comprehensive examination must be organised on the basis of research fields.

- The chairperson is a university professor, a Professor Emeritus, or a habilitated university associate professor of the given research field. Other members of the Committee are: the leader of the research field and two external experts.
- All members of the examination committee must have scientific degree.
- The supervisor of the PhD student cannot be among the members of the examination committee.

c.) The execution of the examination

- The comprehensive examination consists of two major parts: one is to assess the theoretical preparedness of the student (“theoretical part”) while in the other part the student proves his/her scientific achievements (“dissertation part”). The theoretical part involves two courses both of which must be connected to the research topic of the doctoral student. The courses are to be chosen from the list approved by the DSC for that academic year.
- In the second part of the examination the student proves his/her progress in science and knowledge of special literature in the framework of an oral presentation (10-15 minutes) and presents a 15-20-page written material which is a research plan for the “Research and dissertation” phase of the doctoral training programme (the schedule of the preparation of the dissertation, and publication plans).
- Before the comprehensive examination the supervisor prepares a written report on the academic and research activities of the doctoral student.
- For a successful comprehensive examination 20 credits may be obtained and the two-year “Research and dissertation” phase may be begun with them. These credits will be accounted for in the 5th semester.
- The comprehensive examination shall be recorded in minutes also containing its written evaluation. The results of the examination shall be announced on the day of the oral examination.
- The committee members separately evaluate the theoretical and the dissertation parts of the comprehensive examination by awarding points by subject on a scale from 0-5 for the candidate’s performance. The examination is successful if the candidate receives 60% of the points at each part and combined, which can be earned at the examination. The result of the evaluation of the comprehensive examination may be either pass or fail.
- A failed comprehensive examination may be retaken once, in the same examination session.

4. COMPLETING THE TRAINING, THE REQUIREMENTS OF OBTAINING THE PRE-DEGREE CERTIFICATE

- The pre-degree certificate certifies the fulfilment of the required coursework, scientific research activities and lecturing (if undertaken by the student), with the exception of language examinations, the successful passing of all the required exams, and obtaining the 240 credits listed among the requirements, verifying, without qualification and evaluation, that the PhD student has fulfilled, in all respects, the programme requirements set forth for him/her.
- At the end of the eighth semester – if all pre-conditions of issuing the pre-degree certificate exist – the Doctoral School issues the pre-degree certificate. However, the student can receive it only after submitting his/her and the supervisor's 4-year progress report.
- The pre-condition of issuing the pre-degree certificate is obtaining 20 publication credits; the publication of at least one article in a foreign-language and seven articles in Hungarian in ("A", "B", or "C" category) Hungarian and foreign journals qualified by the Committee on Military Science (or other HAS committee).
- The four-year training period cannot be shortened – except for student doing individual preparation – the pre-degree certificate cannot be issued earlier, however, the preliminary defence may be conducted in the last semester of the training and in accordance with the provisions of the Doctoral Regulation, the doctoral degree procedure can also be started.
- The pre-degree certificate shall be signed by the head of the DS.
- On the day of signing and issuing the pre-degree certificate, the student legal status of the doctoral student terminates. Between the acceptance of his/her application for the doctoral degree procedure and the day of inauguration the candidate is entitled to the name "dissertation submitter".

CURRICULUM SAMPLE

THE TRAINING STRUCTURE OF THE DOCTORAL SCHOOL OF MILITARY SCIENCES

	SEMESTER	ACADEMIC REQUIREMENTS	SCIENTIFIC RESEARCH (minimum 12 credits/semester)	LECTURING (1 credit for every 4 classes – elective)	DISSERTATION RESEARCH WORK (progress with the dissertation)
TRAINING AND RESEARCH PHASE	1.	The Fundamentals of Military Science Exam* = 3 cr.	Scientific research I.	-	-
		The Classics of Military Science I. Exam = 3 cr.			
		Defence in Social-studies Exam = 3 cr.			
		The Fundamentals of scientific research Mark** = 2 cr.			
		Elective research studies (in any research field) Exam = 3 cr.			
	2.	Security Policy - Military Security Exam = 3 cr.	Scientific research II.	Lecturing I.	-
		The Theory of Military Art I. (Land Forces) Exam = 3 cr.			
		The Theory of Military Art II. (Air Force) Exam = 3 cr.			
		The Classics of Military Science II. Exam = 3 cr.			
		Elective research studies (in any research field) Exam = 3 cr.			
	3.	Military Logistics and Medicine Mark = 2 cr.	Scientific research III.	Lecturing II.	-
		Defence Administration Mark = 2 cr.			
		Information Operations Exam = 3 cr.			
		Elective research seminar (in the student's research field) Mark = 2 cr.			
		Elective research seminar (in the student's research field) Mark = 2 cr.			
	4.	Critical Infrastructure Exam = 2 cr.	Scientific research IV.	Lecturing III.	-
		National Security Mark = 2 cr.			
		Elective research seminar (in the student's research field) Mark = 2 cr.			
		Elective research seminar (in the student's research field) Mark = 2 cr.			

		Research seminar (preparation for comprehensive examination) Mark = 2 cr.			
	Total	50 credits	70 credits		-
120 credits					
Comprehensive examination = for written material 20 credits may be obtained in the 5th semester					
RESEARCH AND DISSERTATION PHASE	5.	- (20 credits comprehensive examination)	Scientific research V. 20 cr	Lecturing IV.	Dissertation research I. 5 cr.
	6.	-	Scientific research VI. 20 cr.	Lecturing V.	Dissertation research II. 5 cr.
	7.	-	Scientific research VII. 20 cr.	Lecturing VI.	Dissertation research III. 5 cr.
	8.	-	Scientific research VIII. 20 cr.	Lecturing VII.	Dissertation research IV. 5 cr.
	Total	- 20 cr	70 credits	max. 10 credits (in 8 semesters)	20 credits
	Total: 240 credits				

CURRICULUM SAMPLE

Sem-r.	Academic requirements					Scientific research		Lecturing cr. (elective)
	Academic subject	Cr.	Classes		Eval	Academic subject	Min. cr.	
			FT	DL				
1.	The Fundamentals of Military Science	3	30	10	Ex	Scientific research I.	min. 12	-
	The Classics of Military Science I.	3	30	10	Ex			
	Defence in Social-studies	3	30	10	Ex			
	Fundamentals of scientific research	2	20	6	Gr			
	Elective research studies	3	30	10	Ex			
2.	Security policy – Military security	3	30	10	Ex	Scientific research II.	min. 12	
	The Theory of Military Art I.(Land Forces)	3	30	10	Ex			
	The Theory of Military Art II. (Air Force)	3	30	10	Ex			
	Elective research studies	3	30	10	Ex			
3.	Military Logistics and Medicine	2	20	6	Gr	Scientific research III.	min. 12	
	Defence Administration	2	20	6	Gr			
	Information Operations	3	30	10	Ex			
	Elective research seminar	2	20	6	Gr			
	Elective research seminar	2	20	6	Gr			
4.	Critical Infrastructure	2	20	6	Ex	Scientific research IV.	min. 12	
	National Security	2	20	6	Gr			
	Elective research seminar	2	20	6	Gr			
	Elective research seminar	2	20	6	Gr			
Comprehensive examination=20 credits								
5.	Research and dissertation phase					Dissertation research I.	5	
6.						Scientific research V.	min. 16	
						Dissertation research II.	5	
7.						Scientific research VI.	min. 16	
						Dissertation research III:	5	
8.						Scientific research VII.	min. 16	
						Dissertation research IV.	5	
						Scientific research VIII.	min. 16	
Total		50 cr	460 classes	144 classes		Sci. res: = 140 credits Diss. res. = 20 credits Comp. ex. = 20 credits	min. 160	max. 10

THE COURSES OF THE TRAINING

Requested courses

Code	Name of the course	Number of classes		Credits
		Full time	Distance learning	
REQUESTED COURSES				
HHDIDAL01	The Fundamentals of Military Science	30	10	3
HHDIDAL16	The Classics of Military Science I.	30	10	3
HHDIDAL17	Defence in Social-studies	30	10	3
HHDIDAL15	Fundamentals of scientific research	20	6	2
HHDIDAL04	Security Policy - Military Security	30	10	3
HHDIDAL22	The Theory of Military Art I. (Land Forces)	30	10	3
HHDIDAL23	The Theory of Military Art II. (Air Force)	30	10	3
HHDIDAL24	The Classics of Military Science II.	30	10	3
HHDIDAL27	Military Logistics and Medicine	20	6	2
HHDIDAL21	Defence Administration	20	6	2
HHDIDAL09	Information Operations	30	10	3
HHDIDAL10	Critical Infrastructure	30	10	3
HHDIDAL25	National Security	20	6	2
HHDIDAL26	Research seminar	20	6	2
Courses evaluated by supervisor every semester (publications and other scientific research activities)				
HHDID0510	Scientific research I.	<i>(credits in details in Annex 1)</i> total: 140 credits		
HHDID0520	Scientific research II.			
HHDID0530	Scientific research III.			
HHDID0540	Scientific research IV.			
HHDID0550	Scientific research V.			
HHDID0560	Scientific research VI.			
HHDID0570	Scientific research VII.			
HHDID0580	Scientific research VIII.			
Lecturing evaluated by Head of Department				
HHDID0511	Lecturing I.	4 classes = 1 credit (max. 10 credits)		
HHDID0521	Lecturing II.			
HHDID0531	Lecturing III.			
HHDID0541	Lecturing IV.			
HHDID0551	Lecturing V.			
HHDID0561	Lecturing VI.			
HHDID0581	Lecturing VIII.			
Courses evaluated by the leader of the research field				
HHDIDAL26	Research seminar	2 credits		
HHDID0610	Dissertation research I.	5 credits		
HHDID0620	Dissertation research II.	5 credits		
HHDID0630	Dissertation research III.	5 credits		
HHDID0640	Dissertation research IV.	5 credits		
Comprehensive examination		20 CREDITS		

ELECTIVE COURSES IN INDIVIDUAL RESEARCH FIELDS

Neptun code	Name of courses	Course leader
1.	RESEARCH FIELD SECURITY STUDIES Leader: University teacher, prof. Zoltán Szenes, CSc	
COURSES WITH END-OF-SEMESTER EXAMINATIONS * (K)		
HHDID1KO01	Security policy*	Prof. Dr. Zoltán Szenes
HHDID1KO01A	Security Studies	
HHDID1KO04	Security Challenges*	Ferenc Kaiser, PhD
HHDID1KO04A	Security Challenges	
HHDID1KO05	Regional security (Middle East)*	Erzsébet N. Rózsa, PhD
HHDID1KO05A	Regional Security (Middle East)	
HHDID1KO06	Regional Security (West-Balkan, East-Central Europe)*	Péter Tálás, PhD
HHDID1KO06A	Regional Security (West-Balkan, East-Central Europe)	
HHDID1KO07	Regional Security (Africa)*	Viktor Marsai, PhD
HHDID1KO07A	Regional Security (Africa)	
HHDID1KO10	Regional Security (Latin-America)*	Mónika Szente-Varga, PhD
HHDID1KO10A	Regional Security (Latin-America)	
HHDID1KO09	International Security Organisations *	Anna Molnár, PhD
HHDID1KO09A	International Security Institutions	
HHDID1KO11	Peace Treaties and the Security of Europe *	Mihály Fülöp, PhD
HHDID1KO11A	Peace Treaties and the Security of Europe	
HHDID1KO12	Strategic Communication and Security *	Lajos József Németh, PhD
HHDID1KO12A	Strategic Communication and Security	
HHDID2KSZ01	Analysis of texts of political theory and history, the interpretation of the works by István Bibó	Stefánia Bódi, PhD
RESEARCH SEMINARS * (MARK)		
HHDID1KSZ01	Terrorism and Security *	Péter Tálás, PhD
HHDID1KSZ01A	Terrorism and Security	
HHDID1KSZ02	Proliferation and Security *	Erzsébet N. Rózsa, PhD
HHDID1KSZ02A	Proliferation and Security	
HHDID1KSZ03	Defence Studies *	Prof. Dr. Zoltán Szenes
HHDID1KSZ03A	Defence Studies	
HHDID1KSZ04	NATO Studies*	Prof. Dr. Zoltán Szenes
HHDID1KSZ04A	NATO Studies	
HHDID1KSZ14	Hungarian Foreign and Security Policy (1990-)*	Prof. Ferenc Gazdag, PhD
HHDID1KSZ14A	Hungarian Foreign and Security Policy (1990-)	
HHDID1KSZ08	Strategy and Strategic Management*	Prof. Dr. Barakonyi Károly
HHDID1KSZ08A	Strategy and Strategic Management	

HHDID1KSZ09	EU Common Security and Defence policy *	Anna Molnár, PhD
HHDID1KSZ09A	EU Common Security and Defence policy	
HHDID1KSZ10	International Institutions and European Security *	Éva Remek, PhD
HHDID1KSZ10A	International Institutions and European Security	
HHDID1KSZ15	Economic Security *	Prof. Magdolna Csath, PhD
HHDID1KSZ15A	Economic Security	
HHDID1KSZ12	The Security and Defence Policy of the United States*	Ferenc Kaiser, PhD
HHDID1KSZ12A	The Security and Defence Policy of the United States	
HHDID1KSZ13	Security and Defence Policy of Russia*	Prof. László Nagy, PhD
HHDID1KSZ13A	Security and Defence Policy of Russia	
HHDID1KSZ16	Security issues in the CIS*	Prof. László Nagy, PhD
HHDID1KSZ16A	Security of the Commonwealth of Independent States (CIS)	
HHDID1KSZ17	Security and Defence Policy of Germany (1990-)*	András Hettyey, PhD
HHDID1KSZ17A	The German Foreign and Security policy (1990-)	

Neptun code	Name of courses	Course leader
2.	RESEARCH FIELD	
	THE SOCIAL POLICY ISSUES OF DEFENCE Leader: Lieutenant Colonel Ildikó Szelei, PhD, assistant professor	
COURSES WITH END-OF-SEMESTER EXAMINATIONS * (K)		
HHDID2KO01	Constitutionality at Defence and Law-enforcement Agencies	Stefánia Bódi, PhD
HHDID2KO05	Some pedagogical issues of adult education	Ildikó Szelei, PhD
HHDID2KO06	Some Challenges of Intercultural Education in the 21 st Century	Ildikó Szelei, PhD
HHDID2KO09	Special Military Values and the Methodology of Military Preparation and Training	Prof. Dénes Harai, PhD
HHDID2KO11	Some Theoretical Issues of Violence, War, and Peace	Lajos Törő, PhD
HHDID2KO12	Ethics and Public Service	Péter Himmer, PhD
HHDID2KO13	The Cultural History Background of Crisis Regions	Péter Himmer, PhD
HHDID2KO14	Applied Military Psychology	Prof. Judit Bolgár, PhD
HHDID2KO15	Some Psychological Issues of Emergency Situations	Prof. Judit Bolgár, PhD
HHDID2KO17	Human Resource Planning and Development	Prof. László Zoltán Kiss, PhD
HHDID2KO18	Performance Evaluation – Performance Management	Prof. László Zoltán Kiss, PhD
HHDID2KO19	The Direction and Management of Changes in Public Sphere	János Krizbai, PhD

HHDID2KO20	HR (human resource) Controlling	János Krizbai, PhD
HHDID2KO21	Changing Paradigms in Public Service HR Management (career planning and mobility)	Henrik Hegedűs, PhD
HHDID2KO22	Psychology of Religious Extremism, its Formation and Activities in Western Democratic Societies *	Lóránd Ujházi, PhD
HHDID2KO22A	Psychology of Religious Extremism, its Formation and Activities in Western Democratic Societies	
HHDID2KO23	The Vatican's Diplomacy for the Protection of the Christians Living in Crisis Zones *	Lóránd Ujházi, PhD
HHDID2KO23A	The Vatican's Diplomacy for the Protection of the Christians Living in Crisis Zones	
HHDID2KO24	Illegal Activities in Organisational Environment with Special Regard to the Personnel of Armed Forces	Mária Kanyó, PhD
HHDID2KO25	Social and organisational mobility	Mária Kanyó, PhD
HHDID2KO30	The Leadership Aspects of Crisis Response Operations*	László Ujházy, PhD
HHDID2KO30A	The Leadership Aspects of Crisis Response Operations	
HHDID2KO33	The philosophy of war	Mihály Boda, PhD
HHDID2KO32	Just and unjust wars *	Mihály Boda, PhD
RESEARCH SEMINARS *(MARK)		
HHDID2KSZ02	Special Legal Order	Stefánia Bódi, PhD
HHDID2KSZ03	Cultures and Societies	Péter Himmer, PhD
HHDID2KSZ04	Profession and Ethics. Moral Problems in Hungarian Society and Military	Péter Himmer, PhD
HHDID2KSZ05	Military Profession – Officer's Values	Lajos Törő, PhD
HHDID2KSZ06	Some Psychological Aspects of Military Socialisation	Prof. Judit Bolgár, PhD
HHDID2KSZ07	Psychically Based Selection, Preparation, and Evaluation	Prof. Judit Bolgár, PhD
HHDID2KSZ08	Some Social-science Aspects of Crisis Response Operations	Prof. László Zoltán Kiss, PhD
HHDID2KSZ09	Some Characteristics of Organisational Changes in Culture in the Defence Sectors of NATO and EU Member States	Prof. László Zoltán Kiss, PhD
HHDID2KSZ10	Human Relations and Human care in Bureaucratic Organisations	János Krizbai, PhD
HHDID2KSZ11	The Management of Reconversion and Career-changes in the Public Sector	János Krizbai, PhD
HHDID2KSZ12	Psychology of Religious Extremism, its Formation and Activities in Western Democratic Societies *	Lóránd Ujházi, PhD
HHDID2KSZ12A	Psychology of Religious Extremism, its Formation and Activities in Western Democratic Societies	
HHDID2KSZ14	The Security Situation of Christians in Crisis Areas *	Lóránd Ujházi, PhD
HHDID2KSZ14A	The Security Situation of Christians in Crisis Areas	
HHDID2KSZ15	The Sociological Aspects of Corruption in the Armed Forces	Mária Kanyó, PhD

HHDID2KSZ34	Organisational Roles and Conflicts of Roles	Mária Kanyó, PhD
HHDID2KSZ17	Comparative Pedagogy (comparing training and education systems in the military education of Hungary and the EU)	Ildikó Szelei, PhD
HHDID2KSZ18	Military Pedagogy	Ildikó Szelei, PhD
HHDID2KSZ29	The Role of International Religious Organisations and Humanitarian Organisations in Peace Support Operations	Vilmos Fischl, PhD
HHDID2KSZ30	The External and Internal Communication of the Hungarian Defence Forces, Crisis-communication	Viktória Resperger-Túri, PhD
HHDID2KSZ31	Propaganda-analysis	Éva Harnos Jakusné, PhD
HHDID2KSZ32	Some Current Issues of Medical Care in the Military	Andrea Sótér, PhD
HHDID2KSZ33	A Complex Approach to the Relations between the Military and Society after the Cold War	Ferenc Molnár, PhD
HHDID2KSZ26	Contemporary Theories of Just War	Mihály Boda, PhD
HHDID2KSZ28	Institutionalised Military Training between 1872 and 1990	József Martinkó, PhD

Neptun code	Name of courses	Course leader
3.	RESEARCH FIELD THE GENERAL THEORY OF MILITARY SCIENCE Leader: Captain Balázs Forgács, PhD, assistant professor	
COURSES WITH END-OF-SEMESTER EXAMINATIONS * (K)		
HHDID3KO01	The Characteristics of Asymmetric Warfare and Terrorism in the 21 st Century	István Resperger, PhD
HHDID3KO02	Challenges, Risks, and Threats and their Management	István Resperger, PhD
HHDID3KO04	Operational Environment*	Gábor Boldizsár, PhD
HHDID3KO04A	Operational Environment	
HHDID3KO05	Civil Military Interaction*	Gábor Boldizsár, PhD
HHDID3KO05A	Civil Military Interaction	
HHDID3KO06	Asymmetric Warfare 1.	Bálint Somkuti, PhD
HHDID3KO07	Asymmetric Warfare 2.	Péter Álmos Kiss, PhD
HHDID3KO08	The National-security Strategy of the USA, and its Influence on Force Development	Ferenc Kaiser, PhD
HHDID3KO09	The History of Development of Naval Strategy – Theory and Practice	Ferenc Kaiser, PhD
HHDID3KO11	The Theory and Practice of Waging Military Operations	Prof. György Szternák, PhD
HHDID3KO14	Peace Operations in Africa	János Besenyő, PhD
HHDID3KO15	Theory of Counterinsurgency I.*	Zoltán Jobbágy, PhD
HHDID3KO15A	Theory of Counterinsurgency I.	
HHDID3KO17	The Military Historic Geography of	Mihály Miklós Nagy,

	Hungary	PhD
HHDID3KO18	Modern Warfare – Science and/or Art?	István Gőcze, PhD
HHDID3KO19	The Theory of Uprisings	Balázs Forgács, PhD
HHDID3KO20	Potential Directions of the Development of Military Science – Responses to Global Challenges	István Gőcze, PhD
HHDID3KO21	Military Strategic Thinking	István Gőcze, PhD
RESEARCH SEMINARS *(MARK)		
HHDID3KSZ01	The Characteristics of Asymmetric Warfare and Terrorism in the 21 st Century	István Resperger, PhD
HHDID3KSZ02	Challenges, Risks, and Threats and their Management	István Resperger, PhD
HHDID3KSZ04	The Causes and Treatment of Future Social Conflicts, Particularly the Use of Military Force*	Gábor Boldizsár, PhD
HHDID3KSZ04A	The Causes and Treatment of Future Social Conflicts, Particularly the Use of Military Force	
HHDID3KSZ05	The Specifics of Command and Control in Today's Military Operations*	Gábor Boldizsár, PhD
HHDID3KSZ05A	The Specifics of Command and Control in Today's Military Operations	
HHDID3KSZ06	Theoretical Fundamentals of Naval Strategy	Ferenc Kaiser, PhD
HHDID3KSZ07	Potential Directions of the Development of Military Science – Responses to Global Challenges	István Gőcze, PhD
HHDID3KSZ08	The Development, Characteristics, and Representatives of Military Cultures and their Role in Modern Warfare	Balázs Forgács, PhD
HHDID3KSZ14	The Taxonomy of Military Science and its Research Methodology	István Gőcze, PhD
HHDID3KSZ10	Modern Small Arms and Combat Procedures	Kund Regényi, PhD
HHDID3KSZ12	The Impact of the Processes in Africa on Europe's Security Dimensions	János Besenyő, PhD
HHDID3KSZ13	Hungarian Military Travellers and Country Images	Mihály Miklós Nagy, PhD

Neptun code	Name of courses	Course leader
4.	RESEARCH FIELD THEORY OF MILITARY ART Leader: Zoltán Krajnc, PhD, assistant professor	
COURSES WITH END-OF-SEMESTER EXAMINATIONS* (K)		
HHDID5KO01	General Military Art and Military History	Prof. Tamás Csikány,

		PhD
HHDID5KO02	Hungarian Military Art in the 19 th Century	Prof. Tamás Csikány, PhD
HHDID3KO16	Theory of Allied Joint Operations *	Zoltán Jobbágy, PhD
HHDID3KO16A	Theory of Allied Joint Operations	
HHDID5KO05	The History of the Hungarian Air Force from the Beginnings	Prof. Miklós Szabó M., PhD
HHDID5KO06	General Military Art and Military History in the 20 th Century	Csaba Horváth, PhD
HHDID5KO07	Hungarian Military Art and Military History in the 20 th Century	Csaba Horváth, PhD
HHDID5KO29	Challenges of engineer support *	Tibor Horváth, PhD
HHDID5KO29A	Challenges of engineer support in the 21 st century	
HHDID5KO30	Hardened Facilities *	Tibor Horváth, PhD
HHDID5KO30A	Design and Analysis of Hardened Facilities	
HHDID5KO08	Hungarian Military Policy in the 20 th Century	József Kaló, PhD
HHDID5KO09	The History of Military Art from World War I to the End of the Cold War	József Kaló, PhD
HHDID5KO10	The History of Naval Forces and Naval Operations	Ferenc Kaiser, PhD
HHDID5KO31	The Theory and Practice of Artillery Support	Tibor Szabó, PhD
HHDID5KO14	The Theory of Military Geographic Support*	Prof. Klára Kecskeméthy Siposné, PhD
HHDID5KO14A	The Theory and Basics of Military Geographic Support	
HHDID5KO15	The Theory of Geospatial Support *	Prof. Klára Kecskeméthy Siposné, PhD
HHDID5KO15A	The Theory and Basics of Geospatial Support	
HHDID5KO16	The Theory and Practice of Ground Based Air Defence	Zoltán Krajnc, PhD
HHDID5KO17	Theory and Practice of Air Operations*	Zoltán Krajnc, PhD
HHDID5KO17A	Theory and Practice of Air Operations	
HHDID5KO18	NATO in the Cold War and afterwards	László Nagy, PhD
HHDID5KO20	Engineer Tasks for Military Camps Physical Protection	Tibor Kovács, PhD
HHDID5KO21	„Force Protection” as a Complex System of Regulations for the Protection of Troops	Tibor Kovács, PhD
HHDID5KO22	The Military Strategy of Russia, the Military Policy, Strategists, Forces, and Wars of the Federation	János Deák, PhD
HHDID5KO23	The Use, Impact, and Efficiency of Explosive Materials/Warfare Agents	László Molnár, PhD
HHDID5KO24	The General Theory and Practice of Engineer Support	Zoltán Kovács, PhD
HHDID5KO25	The Theory of NBC-defence of Troops	Tamás Berek, PhD

HHDID5KO26	NBC-survey in the Hungarian Defence Forces	Tamás Berek, PhD
HHDID5KO27	Procedures of NBC-decontamination	László Földi, PhD
HHDID5KO28	Characteristics of Modern Armed Conflicts	Lajos József Németh, PhD
RESEARCH SEMINARS *(MARK)		
HHDID5KSZ01	The Hungarian Military High Command 1848-1990	Prof. Tamás Csikány, PhD
HHDID5KSZ02	General Staff Work during the Hungarian War of Independence in 1848/49	Prof. Tamás Csikány, PhD
HHDID5KSZ03	The History of Hungarian Military Thinking	Prof. Miklós Szabó M., PhD
HHDID5KSZ04	The Development of Hungarian Officer Values and the History of Officer Training from 1914 to Date	Prof. Miklós Szabó M., PhD
HHDID5KSZ05	The History of Hungarian Officer Values and Officer Training	Prof. Tamás Csikány, PhD
HHDID5KSZ06	The Universal Military History of the Cold War Era	Ferenc Kaiser, PhD
HHDID5KSZ07	The History of Military Justice	József Kaló, PhD
HHDID5KSZ08	The Central Organs of the Hungarian Military from the Beginning to Date	József Kaló, PhD
HHDID5KSZ09	Defence Geographical Assessment of Strategically Important Regions to NATO *	Prof. Klára Kecskeméthy Siposné, PhD
HHDID5KSZ09A	Defence Geographical Assessment of Strategically Important Regions to NATO	
HHDID5KSZ10	Security Geography Assessment of Crises Regions *	Prof. Klára Kecskeméthy Siposné, PhD
HHDID5KSZ10A	Security Geography Assessment of Crises Regions	
HHDID5KSZ11	Arms, Services, and Branches in 20 th -century Wars	Csaba Horváth, PhD
HHDID5KSZ12	The Royal Hungarian Armed Forces between 1919 and 1945	Csaba Horváth, PhD
HHDID5KSZ14	Current Issues of the National Military Strategy of Hungary	János Deák, PhD
HHDID5KSZ15	Tendencies of and Opportunities in Development of Artillery Weapons and Ammunition	Tibor Szabó, PhD
HHDID5KSZ16	Modern Technical Devices and Warfare Agents	Zoltán Kovács, PhD
HHDID5KSZ30	Engineer Support of Military Operations	Zoltán Kovács, PhD
HHDID5KSZ18	New Technical Equipment and its Application Principles and Opportunities in „Force Protection” (FP)	Tibor Kovács, PhD
HHDID5KSZ20	Thee Necessity and Content of Military Geographic Assessments, the Methods of	István Gőcze, PhD

	their preparation	
HHDID5KSZ22	Current Questions of Employment of Joint Forces *	Zoltán Krajnc, PhD
HHDID5KSZ22A	Current Questions of Employment of Joint Forces	
HHDID5KSZ23	Current Questions of Employment of Air Power *	Zoltán Krajnc, PhD
HHDID5KSZ23A	Current Questions of Employment of Air Power	
HHDID5KSZ24	Means of NBC-surveillance in the Hungarian Defence Forces	László Földi, PhD
HHDID5KSZ25	Individual and Collective NBC-protection	László Földi, PhD
HHDID5KSZ26	NBC-training of Troops	Tamás Berek, PhD
HHDID5KSZ27	NBC-weapons and Dangerous Industrial Materials	Tamás Berek, PhD
HHDID5KSZ28	The Role of Clothing and Temperature Stress in the Case of the Troops of the Royal Hungarian Defence Forces	Tamás Révai, PhD
HHDID5KSZ29	Theory of Allied Land Operations *	Zoltán Jobbágy, PhD
HHDID5KSZ29A	Theory of Allied Land Operations	

Neptun code	Name of courses	Course leader
5.	RESEARCH FIELD DEFENCE LOGISTICS AND DEFENCE ECONOMICS Leader: József Gyarmati, PhD assistant professor,	
COURSES WITH END-OF-SEMESTER EXAMINATIONS* (K)		
HHDID6KO01	Defence Economics	László Király, PhD
HHDID6KO03	Defence Medicine	Gyula Kóródi, PhD
HHDID6KO04	Disaster Medicine	Gyula Kóródi, PhD
HHDID6KO08	Contractor logistics	Péter Lakatos, PhD
HHDID6KO09	Some Doctrinal Issues of Military Logistic Support	Attila Horváth, PhD
HHDID6KO10	The Transportation and Logistic Aspects of Asymmetric Warfare and Terrorism	Attila Horváth, PhD
HHDID6KO12	Organisation of Transportation Support to Operational Missions	Gábor Szászi, PhD
HHDID6KO13	The Theory and Practice of Medical Support	László Svéd, PhD
HHDID6KO14	Multi-aspect Decision-models and their Use	József Gyarmati, PhD
HHDID6KO15	Logistic Support to Military Operations	Árpád Pohl, PhD
HHDID6KO16	The Practice of Medical Support of Multinational Expeditionary Operations	Sándor Pellek, PhD
HHDID4KO01	The Unified Defence System of Hungary and its Complexity, a New Interpretation of	Júlia Hornyacsek, PhD

	its Content	
HHDID4KO02	The Position, Designation, and Mission of Defence Organs and Organisations in the Structure of Defence Administration	Júlia Hornyacsek, PhD
HHDID4KO03	The Interrelations between Public Administration and Defence Administration	László Lakatos, PhD
HHDID4KO04	Public and Defence Administration Studies	László Lakatos, PhD
HHDID4KO05	Defence-administration Tasks of Mayors and Municipalities – New Approach to Execution	Rudolf Tóth, PhD
HHDID4KO06	NATO Civil Emergency Planning *	László Ujházy, PhD
HHDID4KO06A	NATO Civil Emergency Planning	
HHDID4KO07	Specifications of Transport-administration Tasks in the System of Defence Administration	Gábor Szászi, PhD
HHDID4KO08	The Hungarian System of Disaster Management	Rezső Pellérdi, PhD
RESEARCH SEMINARS *(MARK)		
HHDID6KSZ01	The Analysis of Development, Investment, and Maintenance Issues of Critical Infrastructure Elements from Defence Capability Aspects	László Király, PhD
HHDID6KSZ04	The Sustainability Aspect of Operational Supply Chain Management	Péter Lakatos, PhD
HHDID6KSZ05	The Transportation and Logistic Evaluation of the Theatre	Attila Horváth, PhD
HHDID6KSZ06	Military Application Opportunities of Combined Transportation Technologies	Gábor Szászi, PhD
HHDID6KSZ07	The History of Hungarian Military Medicine	László Svéd, PhD
HHDID6KSZ08	Protocol in the case of Mass Casualty Situations	László Svéd, PhD
HHDID6KSZ09	The logistic system of disaster management-material, financial and personal support *	Prof. Rudolf Urbán PhD
HHDID6KSZ09A	The logistic system of disaster management-material, financial and personal support	
HHDID4KSZ01	Special Legal Order, States of Emergency	László Lakatos, PhD
HHDID4KSZ02	The Operation of Public Administration Organs in State of Emergency	László Lakatos, PhD
HHDID4KSZ03	Civil-defence/Disaster-management Missions	Júlia Hornyacsek, PhD
HHDID4KSZ04	The Process of Defence-oriented Scientific Research and Complicating Factors	Júlia Hornyacsek, PhD
HHDID4KSZ05	Interrelations between Defence Administration and Defence Plans	Rudolf Tóth, PhD
HHDID4KSZ06	Social Organisations and Defence Administration	László Ujházy, PhD

HHDID4KSZ07	The Practice of the Preparation and Operation of Transportation System in the Defence Administration System	Gábor Szászi, PhD
HHDID4KSZ08	The Theoretical and Practical Issues of Firefighting	László Komjáthy, PhD

Neptun code	Name of courses	Course leader
6.	RESEARCH FIELD NATIONAL SECURITY Leader: Colonel István Resperger, PhD, assistant professor	
COURSES WITH END-OF-SEMESTER EXAMINATIONS* (K)		
HHDID7KO01	Organised Crime	Zoltán Bebesi, PhD
HHDID7KO02	The National-security Impacts of Narco-terrorism	Zoltán Bebesi, PhD
HHDID7KO03	The National-security Aspects of Challenges, Risks, and Threats to 2030	István Resperger, PhD
HHDID7KO04	The National-security Impacts and Characteristics of Asymmetric Warfare and Terrorism in the 21 st Century	István Resperger, PhD
HHDID7KO46	The National-security Challenges of Jihadisation and Radicalisation	József Kis-Benedek, PhD, István Resperger, PhD
HHDID7KO06	The Theoretical and Practical Issues of the Cooperation of National Security Services	József Kis-Benedek, PhD
HHDID7KO07	The Theory and Practice of Strategic Intelligence	József Kis-Benedek, PhD
HHDID7KO08	The System of New Analysis-evaluation Methods and Models	Csaba Vida, PhD
HHDID7KO09	The Theory and Practice of Analysis-evaluation Work	Csaba Vida, PhD
HHDID7KO10	Crimes against the State	László István Gál, PhD
HHDID7KO11	Money Laundering as a Global Security-policy Challenge. Funding Terrorism	László István Gál, PhD
HHDID7KO13	The National-security Theory of Managing New Challenges	Zsigmond Tömösváry, PhD
HHDID7KO14	The Impact of Crises on Intelligence and National Security Services	Zsigmond Tömösváry, PhD
HHDID7KO47	The National-security Aspects of Migration	István Resperger, PhD, Tamás Kenedli, PhD
HHDID7KO37	National-security Aspects of Military and Law-enforcement Activities in Crisis Periods and Crisis Areas	Tibor Szilvágyi, PhD
HHDID7KO40	Strategic-level Analysis of the Hungarian National-security System	József Boda, PhD

HHDID7KO41	The Technical Support of Secret Information-gathering for National-security and Law-enforcement Agencies	József Boda, PhD
RESEARCH SEMINARS *(MARK)		
HHDID7KSZ01	The National-security Impacts of Narcoterrorism	Zoltán Bebesi, PhD
HHDID7KSZ02	The National-security Aspects of Challenges, Risks, and Threats to 2030	István Resperger, PhD
HHDID7KSZ03	The National-security Impacts of Asymmetric Warfare and Terrorism	István Resperger, PhD
HHDID7KSZ32	The National-security Aspects of Migration	István Resperger, PhD, Tamás Kenedli, PhD
HHDID7KSZ05	The National-security Aspects of Terrorism, with Special Regard to Risk Analysis	József Kis-Benedek, PhD
HHDID7KSZ06	Evaluation of Central Europe's Regional Security System and Analysis of the Central European States	Csaba Vida, PhD
HHDID7KSZ07	The Application of the Theory of International Relations and of the New Results of Security Theories during Analysis and Evaluation	Csaba Vida, PhD
HHDID7KSZ08	Some Security-policy Issues of Countering Terrorism	László István Gál, PhD
HHDID7KSZ33	The National-security Challenges of Jihadisation and Radicalisation	József Kis-Benedek, PhD, István Resperger, PhD
HHDID7KSZ28	New Challenges, Management, and Direction in Military Diplomacy and the Characteristics of its Operation	József Kis-Benedek, PhD
HHDID7KSZ29	The Theory and Practice of Strategic Intelligence	József Kis-Benedek, PhD
HHDID7KSZ30	Foreign Intelligence and Security Services	József Boda, PhD
HHDID7KSZ31	The Missions of Law-enforcement and National-security Agencies in International Crisis Management and Peace Operation Support	József Boda, PhD

Neptun code	Name of courses	Course leader
7.	RESEARCH FIELD DEFENCE IT AND THEORY OF COMMUNICATION Leader: Károly Fekete, PhD Associate Professor,	
COURSES WITH END-OF-SEMESTER EXAMINATIONS* (K)		
HHDID8KO01	Analog and Digital Communications	Károly Fekete, PhD

	Systems	
HHDID8KO02	Information Security of Public Organisations	András Kerti, PhD
HHDID8KO04	Electronic Warfare Support to Military Operations	Zsolt Haig, PhD
HHDID8KO05	The Signals Support to the HDF's Crisis Response Operations	Tibor Farkas, PhD
HHDID8KO06	Info-Communication Support to Multinational Operations	Tibor Farkas, PhD
HHDID8KO07	Electronic Intelligence, Support	Prof. László Kovács, PhD
HHDID8KO08	All-source Intelligence	Prof. László Kovács, PhD
HHDID8KO10	IT Systems in Field, Police, Disaster-management, and Public Administration (e-government)	Imre Négyesi, PhD
HHDID8KO11	Digitisation of the Battlefield	Károly Fekete, PhD
HHDID8KO12	Electronic Countermeasures	László Ványa, PhD
HHDID8KO13	Electronic Warfare	Zsolt Haig, PhD
HHDID8KO14	Mathematic Models and Methods Used in Military Science	Prof. Sándor Munk, PhD
HHDID8KO15	IT Tools	Prof. Sándor Munk, PhD
HHDID8KO16	Basics of Defence IT	Prof. Sándor Munk, PhD
RESEARCH SEMINARS *(mark)		
HHDID8KSZ01	Analysis of High-speed Military Communications Systems	Károly Fekete, PhD
HHDID8KSZ02	Information-security Risk Analysis	András Kerti, PhD
HHDID8KSZ03	The EW-support to Military Operations Other Than War	Zsolt Haig, PhD
HHDID8KSZ04	Integrated Military Communication Systems	Károly Fekete, PhD
HHDID8KSZ05	Some Issues of Information Operations Management	Zsolt Haig, PhD
HHDID8KSZ07	Military Decision-making Process in Organising CIS	Tibor Farkas, PhD
HHDID8KSZ08	The Practical Use of Mathematic Models and Methods	Prof. Sándor Munk, PhD
HHDID8KSZ09	Defence IT Systems and Applications	Prof. Sándor Munk, PhD
HHDID8KSZ10	IT Systems in Field, Police, Disaster-management, and Public Administration (e-government)	Imre Négyesi, PhD
HHDID8KSZ11	Modern Military IT Systems	Prof. László Kovács, PhD
HHDID8KSZ12	Cyber Warfare	Prof. László Kovács, PhD
HHDID8KSZ13	The Theory of Organising Communication Systems	Tibor Farkas, PhD

Annex 1

CREDITS TO OBTAIN THROUGH SCIENTIFIC ACTIVITIES (In the case of 100% participation / authorship)

Type of scientific activities		Credits
Book, course book, textbook	Book published in Hungary	32
	Chapter in a book published in Hungary	20
	Study in a book	20
	Printed or electronic course book in a foreign language	24
	Printed or electronic course book in the PhD student's native language	20
	Teaching material based on scientific research	12
Peer-reviewed article in a journal	Study in a journal published abroad in a foreign language	24
	Study in a journal published in a foreign language in Hungary	20
	Study in a journal published in the PhD student's native language	16
Not peer-reviewed article in a journal	Study in a journal published abroad in a foreign language	16
	Study in a journal published in a foreign language in Hungary	12
	Study published in a journal or on electronic site, in the PhD student's native language	10
Participation in international scientific conferences (in a foreign language)	Publication of the conference contribution in a peer-reviewed, foreign-language proceedings	24
	Publication of the conference contribution in a non-peer-reviewed, foreign-language proceedings	16
	Publication of the conference contribution in a foreign-language proceedings	14
	A foreign-language presentation ¹	6
	A poster in a foreign language	6
	A foreign-language complementary lecture submitted in writing and published in conference proceedings	4
Participation in domestic scientific conferences	Publication of a foreign-language contribution in a foreign-language conference proceedings	12
	Publication of a contribution in a native language in conference proceedings	10
	Publication of a contribution held in the student's native language in a conference proceedings	8
	Giving a foreign-language presentation ¹	4
	Foreign-language poster	4
	A presentation in the student's own native language ¹	2
	A poster in the student's native language	2
	Native-language complementary lecture submitted in writing and published in conference proceedings	2
Scientific applications and tenders	Participation in international (foreign-language) scientific application	12
	Participation in national scientific application	10
	Participation in university-level scientific application	6
Patent, invention	Patent registered or pending abroad	30
	Patent or invention registered in Hungary	20
	Doctoral draft dissertation prepared for preliminary defence during the training period	30
	Approved "Research plan" prepared for the comprehensive examination ²	20

Note: In case of co-authorship the number of credits is to determine in accordance with the co-author declaration and confirmation.

1. Credits can be awarded only if the contribution has not been published in proceedings.

For conference presentation (attested in writing) credits can be awarded only once in an academic year.

2. Credits can be awarded only in the fifth semester.

The present Training Plan was supported by the Council of the Doctoral School of Military Sciences on 22nd November and approved by the University Doctoral Council on 6th December.

Budapest, 15th October 2016

Colonel Tamás Csikány, DSc
Professor,
Head of DS