Recommended study plan

Degree of higher education	III. (Doctoral studies)	
Name of the study program	Management of security systems	
Number and name of the field of study	2 Safety and Security Sciences	
Total min. number of credits	180	
Awarded academic title	Philosophiae doctor (PhD.)	
Study form	full time	3 years
The person responsible for the implementation, development and quality of the study program	Prof. Ing. Josef Reitšpís, PhD.	

Note: Profile subjects of the study program are highlighted in bold

FULL-TIME FORM

I. year
Winter semester

Code	Compulsory subjects	Number of credits	Range	Subject teacher
831 3 2 01	**Management of Security Systems**	7	2-0	Dr.h.c. Prof. Ing. Marián Mesároš, Dr.Sc.
831 3 2 08	Application of Methods of System and Operational Analysis	7	2-0	Assoc. Prof. RNDr. František Olejník, PhD.
831 3 2 12	Objectives and Methodology of DzT-Project Solution	6		supervisor
	In sum	**20**		

Code	Compulsory elective subjects	Number of credits	Range	Subject teacher
831 3 2 07	**Risk Management**	5	2-0	Prof. Ing. Josef Reitšpís, PhD.
831 3 2 05	**Systems Theory**	5	2-0	Dr.h.c. Prof. Ing. Marián Mesároš, Dr.Sc.
831 3 2 02	**Technique and Technology of Object Protection**	5	2-0	Prof. Ing. Josef Reitšpís, PhD.
	In sum	**15**		

Summer semester

Code	Compulsory subjects	Number of credits	Range	Subject teacher
831 3 2 10	**Modeling and Simulation in the Design of Security Systems**	6	2-0	Prof. Ing. Josef Reitšpís, PhD.
831 3 2 03	**Research Methodology**	6	2-0	Prof. Igor Britchenko, DSc.
	In sum	**12**		

Code	Compulsory elective subjects	Number of credits	Range	Subject teacher
831 3 2 09	Law in Security Management	5	2-0	Assoc. Prof. JUDr. Štefan Kočan, PhD.
831 3 2 11	**Security of Information Systems**	5	2-0	Assoc. Prof. Ing. Peter Lošonczi, PhD.
831 3 2 04	Economics of Security Services	5	2-0	Assoc. Prof. Ing. Imrich Dufinec, PhD.
831 3 2 06	Creative Activity of a Doctoral Student I.	5		supervisor
	In sum	**20**		

II. year PhD. study

Winter semester

Code	Compulsory subjects	Number of credits	Range	Subject teacher
831 3 2 13	Project of Composition and Disposition of DzT	10		supervisor
	In sum	**10**		

Code	Compulsory elective subjects	Number of credits	Range	Subject teacher
831 3 2 061	Creative Activity of a Doctoral Student II.	20		supervisor
	In sum	**20**		

Summer semester

Code	Compulsory subjects	Number of credits	Range	Subject teacher
831 3 2 14	DzT Implementation and Benefits Project	10		supervisor
831 3 2 15	Dissertation Exam	10		commission
	In sum	**20**		

Code	Compulsory elective subjects	Number of credits	Range	Subject teacher
831 3 2 063	Creative Activity of a Doctoral Student III.	20		supervisor
	In sum	**20**		

III. year PhD. study

Winter semester

Code	Compulsory subjects	Number of credits	Range	Subject teacher

Code	Compulsory elective subjects	Number of credits	Range	Subject teacher
831 3 2 065	Creative Activity of a Doctoral Student IV.	20		supervisor
	In sum	**20**		

Summer semester

Code	Mandatory subjects	Number of credits	Range	Subject teacher
831 3 2 16	**Elaboration and Defence of Dissertation Thesis**	30		Supervisor, Commission
	In sum	**30**		

Creative activity of a doctoral student in the field of science and pedagogical activity

Activities of creative activity Field of science	Possible credits
Published scientific work in a quarantined journal	30
Published scientific work in an uncensored journal	15
Published scientific or professional work in a peer-reviewed collection	10
Published scientific or professional work in a non-reviewed journal	5
Co-author of a scientific monograph, a university textbook	5
Active participation in solving a scientific research task	5
Co-organizer of a scientific or professional event	3
Teaching activities	
Fulfillment of the standard of pedagogical activity of a doctoral student per semester	2
Elaboration of the supervisor's evaluation for the bachelor's thesis	3
Preparation of the opinion of the opponent for the diploma (bachelor's) thesis	2

Note: for total authorship, the number of credits is awarded, corresponding to the percentage share of the doctoral student in the preparation of the publication (rounded up).

Other requirements:
- **The learning outcomes** (also referred to as "**LO**") **and the related criteria and rules for their assessment** are listed in the individual course information sheets in the "Education outcomes" section and in the "Course completion conditions" section.
- **Pre -requisites** and co- **requisites** are listed in the subject information sheets,
- **The educational activities used,** suitable for achieving the educational outcomes, are listed in the subject information sheets in the section "Conditions for passing the subject" for each educational outcome separately,
- **The method of education** is:
  - o attendance,
  - o distance,
  - o combined,
- Technical means for online teaching (MS Teams and Moodle) are also used for individual education methods.
- **Course syllabi** are available in the Moodle system (https://moodle.vsbm.sk),
- **the student's workload** is defined in the so-called Subject plans for individual subjects separately. The workload depends on the number of credits and is budgeted for lectures, seminars, projects, and independent study in order to fulfill ECTS rules (EHEA).
- **Credits** are assigned to each subject separately. Credits are allocated in subjects as follows:

The core of the field of study	Covered with objects	Subject type	Credits
Methodology of management activities of organizations for the protection of persons and property	Management of security systems Research Methodology	C C	7 6
Mathematics, system and operational analysis	Application of Methods of System and Operational Analysis	C	7
Theory of risks and crises	Risk Management	CO	5
Theory of probability and statistics	Systems Theory	CO	5

Information security	Security of Information Systems	CO	5
Selected topics of legal disciplines	Law in Security Management	CO	5
Modeling, simulation and design of security systems	Modeling and Simulation in the Design of Security Systems	C	6
Technologies of security activities	Technique and Technology of Object Protection	CO	5
Economics of security services	Economics of Security Services	CO	5
Analytical and conceptual activity, empirical, experimental and other methods of research work	Objectives and Methodology of DzT-Project Solution	C	6
	Project of Composition and Disposition of DzT	C	10
	DzT Tmplementation and Benefits Project	C	10
	Dissertation Exam	C	10
	Elaboration and Defence of Dissertation Thesis	C	30
	Creative activity of a doctoral student	CO	65
Together			187

C – compulsory subject, CO - compulsory optional subject

- **Persons securing items with contact details**:

the person securing the item	*subjects*	*Contact and link to CRZVŠ*
Prof. Igor Britchenko, DSc.	Research Methodology	Phone: 055 / 720 56 11 Košťova 1, door number: 109 e-mail: igor.britchenko@vsbm.sk CRZVŠ: https://www.portalvs.sk/regzam/detail/44787
prof. Ing. Imrich Dufinec, PhD.	Economics of Security Services	Phone: 055 / 727 56 15 Košťova 1, door number: 112 e-mail: imrich.dufinec@vsbm.sk CRZVŠ: https://www.portalvs.sk/regzam/detail/14212
Assoc. Prof. JUDr. Štefan Kočan, PhD.	Law in Security Management	Phone: 055 / 72 010 71 Košťova 1, door number: 002 e-mail: stefan.kocan@vsbm.sk CRZVŠ: https://www.portalvs.sk/regzam/detail/4
Assoc. Prof. Ing. Peter Lošonczi, PhD.	Security of Information Systems	Phone: 055 / 720 10 74 Košťova 1, door number: 202 e-mail: peter.losonczi@vsbm.sk CRZVŠ: https://www.portalvs.sk/regzam/detail/14199
Prof. Ing. Marián Mesároš, Dr.Sc.	Management of Security Systems Systems Theory	Phone: 055 / 72 010 77 Košťova 1, door number: 001 e-mail: vsbm@vsbm.sk CRZVŠ: https://www.portalvs.sk/regzam/detail/14168
Assoc. Prof. RNDr. František Olejník, PhD.	Application of Methods of System and Operational Analysis	Phone: 055 / 720 56 13 Košťova 1, door number: 210 e-mail: frantisek.olejnik@vsbm.sk CRZVŠ: https://www.portalvs.sk/regzam/detail/2805
prof. Ing. Josef Reitšpís, PhD.	Technique and technology of Object Protection Modeling and Simulation in the Design of Security Systems	Phone: 055 / 727 43 18 Košťova 1, door number: 205 e-mail: josef.reitspis@vsbm.sk CRZVŠ: https://www.portalvs.sk/regzam/detail/9562

- **Subject teachers** are listed in subject information sheets,
- **The place of study subjects** is at the headquarters of the college at the address Košťova 1.