

Information sheet for the course

DISSERTATION EXAM

University:	Technical University in Zvolen
Faculty:	Faculty of Wood Science and Technology
Course unit code:	DSPOB-D
Course unit title:	Dissertation Exam

Planned learning activities and teaching methods:

state examination 3 hours per semester of study (on-site method)

Credits allocated:	20
Recommended semester/trimester:	Fire Safety and Fire Protection – doctor (profilový, part-time), 3. year Fire Safety and Fire Protection – doctor (profilový, full-time), 2. year
Level of study:	3.
Prerequisites for registration:	none

Assesment methods:

Full time PhD student applies for examination within 18 months from the start of the study, partial time PhD student no later than three years from the start of the study. PhD student is required to submit together with the application for examination and dissertation writing assignment, prepared for dissertation examination. A condition of approval of dissertation examination is to obtain at least 70 credits. Evaluation is carried out according to the grading scale in force at the faculty.

Learning outcomes of the course unit:

Students master scientific methods of research, development and crisis management, arising from accidents, fires and emergencies in difficult conditions.

Course contents:

Selected topics of mathematical analysis, operational analysis, scientific experiments in the field of probability theory and mathematical statistics from systems theory, the mathematical and computer simulation of the estimates and the accuracy of the results and verification of computer models.

Selected topics of crisis management, risk management, the risk theory, legislative activity, methods of planning and creating organizational structures, the theory of combustion processes and protection of structures against the fire influence.

Planned learning activities:

- Direct contact – full-time (60 hours)
- Consultation (60 hours)
- Indirect contact – full-time (440 hours)
- Preparation of documents and preparation of the final thesis – 440h
- Total: 500 hours

- Direct contact – external form(60 hours)
- Consultation (60 hours)
- Indirect contact – external form (440 hours)
- Preparation of documents and preparation of the final thesis – 440h
- Total: 500 hours

Recommended or required reading:

Recommended:

Organizačná smernica č. 1/2011 Záverečné a habilitačné práce na Technickej univerzite vo Zvolene
Vedecká a odborná literatúra podľa zvolenej témy dizertačnej práce.

Language of instruction: Slovak**Notes:****Courses evaluation:**

Assessed students in total: 18

P	N
100,0 %	0 %

Name of lecturer(s):

prof. RNDr. František Kačík, DrSc. (examiner, person responsible for course) - slovak

Last modification:

22. 8. 2022

Supervisor:

prof. RNDr. František Kačík, DrSc. and programme supervisor

