

Title of the study course
(Civil protection)

Author	Master in Environmental Sciences, guest lecturer Mr. Ivo Lemss
LAIS course code	
Form of evaluation	Test
Academic credit points (ECTS credit points)	3 ECTS
The total number of contact lessons	8
The number of lectures	8
The number of practical classes	
Prerequisites	General education
Part of the study programme	General education study courses
Language and time of implementation	LV/ENG In compliance with the approved study plan

Aim of the study course

The aim of the study course is to create an overall knowledge about potential catastrophes and technological accidents caused by natural and human (anthropogenic) activities. Aim is to create systematically knowledge about civil protection measures taken by state and municipalities institutions and society to maintain human, environment and real estate security as well as react in case of real catastrophe.

Study results

As a result of studies student shall be given by such knowledge, skills and competencies:

- the structure of the civil protection, regulatory framework, organisation and management;
- tasks, rights and duties of the state, municipalities, persons in civil protection sector;
- rights and duties of the owners of the high risk objects;
- commissions of the civil protection in municipalities;
- planning of the civil protection measures;
- basics of the risk assessment;
- dangerous chemical substances, classification, storage and transportation;
- international alarm system;

- individual protection measures (special uniforms etc.);
- special regimes (alarm situations);
- first medical help in critical situations (how to stop dangerous bleeding etc.) as well as how to call security services.

Organization mode of students' individual work

The independent work of students include:

- Regular studies, using literature and electronical references (including national laws and Regulations (available in Latvian and English) www.likumi.lv).
- Three quizzes only for learning purposes.

Evaluation of study results

The end result is made of:

- Exam (test) 100%.

Study course outline

No.	Title of the topic
1.	Regulatory framework of the civil protection.
2.	Tasks, rights and duties in civil protection. FIRST quiz only for learning purposes
3.	Civil protection plan.
4.	High risk objects (risk assessment). SECOND quiz only for learning purposes
5.	Dangerous chemical substances.
6.	Catastrophes, it`s management including international assistance. THIRD quiz only for learning purposes
7.	Emergency measures.
8.	EXAM – Quiz in Moodle.

Study course schedule

No. of the class	Title of the topic	Type of class
1.	Regulatory framework of the civil protection.	lecture
2.	Tasks, rights and duties in civil protection.	lecture
3.	Civil protection plan.	lecture
4.	High risk objects (risk assessment).	lecture
5.	Dangerous chemical substances.	lecture
6.	Catastrophes, it`s management including international assistance.	lecture
7.	Emergency measures.	lecture
8.	QUIZ	Test

No. of the class	Title of the topic	Type of class
------------------	--------------------	---------------

Mandatory literature:

1. Valsts Ugunsdzēsības un glābšanas dienests www.vugd.gov.lv.
2. Latvijas Republikas normatīvie akti www.likumi.lv:
 - 2.1. Civilās aizsardzības un katastrofu pārvaldīšanas likums.
 - 2.2. Darba aizsardzības likums.
 - 2.3. Ugunsdrošības un ugunsdzēsības likums.
 - 2.4. Par radiācijas drošību un kodoldrošību.
 - 2.5. MK 01.03.2016. noteikumi Nr.131 “Rūpniecisko avāriju riska novērtēšanas kārtība un riska samazināšanas pasākumi”.
 - 2.6. MK 19.09.2017. noteikumi Nr.563 „Paaugstinātas bīstamības objektu apzināšanas un noteikšanas, kā arī civilās aizsardzības un katastrofas pārvaldīšanas plānošanas un īstenošanas kārtība”.
 - 2.7. MK 07.11.2017. noteikumi Nr.658 “Noteikumi par civilās aizsardzības plānu struktūru un tajos iekļaujamo informāciju”.
 - 2.8. MK 19.04.2016. noteikumi Nr.238 „Ugunsdrošības noteikumi”.
 - 2.9. MK 08.08.2017. noteikumi Nr.440 “Valsts agrīnās brīdināšanas sistēmas izveidošanas, darbības un finansēšanas kārtība”.
 - 2.10. MK 03.08.2010. noteikumi Nr.713 “Noteikumi par kārtību, kādā nodrošina apmācību pirmās palīdzības sniegšanā, un pirmās palīdzības aptiecināšanas medicīnisko materiālu minimumu”.
 - 2.11. MK 03.09.2002. noteikumi Nr.400 „Darba aizsardzības prasības drošības zīmju lietošanā”.
 - 2.12. MK 03.08.2004. noteikumi Nr.674 “Noteikumi par sprādzienbīstamiem, ugunsbīstamiem un īpaši svarīgiem objektiem, kuros izveidojami ugunsdrošības, ugunsdzēsības un glābšanas dienesti”.
 - 2.13. MK 10.06.2003. noteikumi Nr.300 „Darba aizsardzības prasības darbā sprādzienbīstamā vidē”.
3. Kusiņš, J., Kļava, G. 2011. Civilā aizsardzība. Drukātava, Rīga.
4. Lehtonens, J., Siliņa, R., Ābelniece, B. 2011. Riska un krīzes komunikācija. Biznesa augstskola “Turība”, Rīga.
5. Jemeljanovs V, Sulojeva J, 2012. Civilā aizsardzība. RTU Izdevniecība, Rīga.

Supplementary literature:

1. Diakakis, M., Damigos, D., Kallioras, A. Identification of Patterns and Influential Factors on Civil Protection Personnel Opinions and Views on Different Aspects of Flood Risk Management: The Case of Greece <https://www.mdpi.com/2071-1050/12/14/5585/htm> Sustainability 2020, 12(14), 5585; <https://doi.org/10.3390/su12145585>

Other information sources:

1. <https://spkc.gov.lv/lv/aktualitates/get/nid/757>
2. http://www.vm.gov.lv/lv/aktualitates/koronavirusa_izraisita_slimiba_covid19/
3. <https://www.who.int/emergencies/diseases/novel-coronavirus-2019>
4. https://www.youtube.com/watch?time_continue=85&v=eh5hTTRd2Zs&feature=emb_title
5. <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public/videos>

6. <https://lvportals.lv/skaidrojumi/292277-turpmak-skolas-un-augstskolas-bus-obligata-civilas-aizsardzibas-apmaciba-2017>
7. <http://titania.saeima.lv/LIVS12/SaeimaLIVS12.nsf/0/783A8B3A2BCC459CC2257E960035AB91?OpenDocument#b>
8. <https://spkc.gov.lv/lv/tavai-veselibai/aktualitate-par-jauno-koronavi>
9. <https://spkc.gov.lv/en>
10. <https://spkc.maps.arcgis.com/apps/webappviewer/index.html?id=593bb3ab785341d5b64de7df14125f21&fbclid=IwAR2TQiXO-z4w2euwe5lSX1r6JLbHKpVLEPlib1K96c2tBHy2p3vDefuA8Aw>
11. <https://spkc.gov.lv/lv/aktualitates/get/nid/757>
12. http://www.vm.gov.lv/lv/aktualitates/koronavirusa_izraisita_slimiba_covid19/
13. <https://www.mfa.gov.lv/konsulara-informacija/bridinajumi-celotajiem>
14. <https://www.mfa.gov.lv/en/component/content/article/426-visas-vestniecibas/spain-en/spain-news/65631-the-centre-s-for-disease-prevention-and-control-of-latvia-recommendations-for-a-person-who-visited-covid-19-affected-area-in-the-last-14-days?Itemid=353>
15. <https://www.who.int/emergencies/diseases/novel-coronavirus-2019>
16. <https://www.ecdc.europa.eu/en/novel-coronavirus-china>
17. https://vugd.gov.lv/lat/par_vugd/darbibas_sferas/civila_aizsardziba/
18. https://vugd.gov.lv/lat/par_vugd/darbibas_sferas/civila_aizsardziba/augstskolam_un_koledzam_rekomendacijas_par_civilas_aizsardzibas_kursa_saturu
19. https://vugd.gov.lv/eng/about_vugd
20. https://echa.europa.eu/search-for-chemicals?p_p_id=dissimplesearch_WAR_disssearchportlet&p_p_lifecycle=0&dissimplesearch_WAR_disssearchportlet_searchOccurred=true&dissimplesearch_WAR_disssearchportlet_sessionCriteriaId=dissSimpleSearchSessionParam101401587333079888
21. https://www.unece.org/fileadmin/DAM/trans/danger/publi/unrec/rev21/ST-SG-AC10-1r21e_Vol2_WEB.pdf
22. <https://www.hazmattool.com/classes.php?i=Flammable+liquids>
23. <https://www.meteo.lv/en/lapas/environment/chemical-substances-/chemical-substances-?id=1432&nid=406>
24. <https://www.ukfrs.com/guidance/search/emergency-action-code-eac>
25. <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32006R1907&qid=1587809830215&from=LV>
26. https://ec.europa.eu/echo/what/civil-protection/mechanism_en
27. <https://www.meteo.lv/bridinajumi/?nid=484>
28. https://ec.europa.eu/echo/what/civil-protection_en
29. https://www.nato.int/cps/en/natohq/topics_117757.htm
30. https://www.nato.int/cps/en/natohq/topics_50093.htm
31. https://www.nato.int/nato_static_fl2014/assets/pdf/2020/4/pdf/200401-EADRCC-Requesting-assistance-in_3.pdf