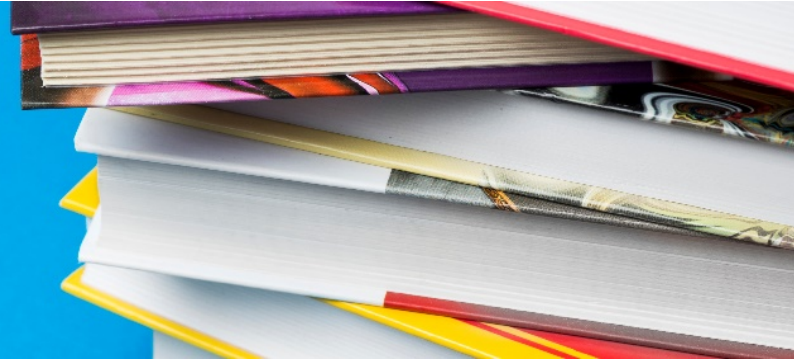




Full Syllabus



Course Title

Non-Conventional Disasters and Emergencies

Lecturer

Dr. Moran Bodas

Semester

Summer

Course requirements

This course is provided online. Students progress through the course at their own pace. Students are required to complete all six online learning units.

To progress from unit to unit, students are required to complete a quiz successfully. The number of attempts is unlimited; the highest score is counted for the final grade. All university exam regulations are applicable to these exams, including the fact that the honor code applies and they are individual.

Final grade components

Quizzes – 20%

Final exam – 80%

Course Schedule

Class no. / Date	Subject and Requirements (assignments, reading materials, tasks, etc.)
1	Introduction to non-conventional threats
2	The chemical threat
3	The biological threat
4	The radiological threat
5	Similarities and differences between threats
6	Case studies

Required course reading

Mandatory reading is provided online

Optional course reading

- Ciottone, G. R. (2018). Toxidrome Recognition in Chemical-Weapons Attacks. *New England Journal of Medicine*, 378(17), 1611-1620.
- Rosman, Y. et al. (2014). Lessons Learned from the Syrian Sarin Attack: Evaluation of A Clinical Syndrome through Social Media. *Annals of Internal Medicine*, 160(9), 644-648.
- Byers, M. (2014). Deliberate Chemical Attack: Revisiting the Lessons of the Tokyo Subway Attack. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 22(1), A8.
- Barras, V. & Greub, G. (2014). History of Biological Warfare and Bioterrorism. *Clinical Microbiology and Infection*, 20(6), 497-502.
- Jernigan, C. et al (2002). Investigation of Bioterrorism-Related Anthrax, United States, 2001: Epidemiologic Findings. *Emerging Infectious Diseases*, 8(10), 1019.
- Yaar, I. et al. (2014). Protecting National Critical Infrastructure against Radiological Threat. *Radiological Risk Assessment*.



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Full Syllabus

