



COURSES



Risk and Resilience in Chemical, Biological, Radiological and Nuclear (CBRN) Accidents and Terrorist Attacks

Anticipating and addressing hazards involving CBRN material

Thematic cluster:

Global Risk and Resilience

Course dates:

Customised to your needs

Course location:

Customised to your needs

In Moldova over the past five years, collaboration between local police and Interpol have thwarted four attempts by smugglers to sell nuclear material to extremists in the Middle East. While these attempts failed in the end, the scenario of terrorists armed with weapons of mass destruction is no longer just theoretical. This four and a half day course provides you with the analytical tools to deal with terrorist attacks and accidents involving chemical, biological, radiological and nuclear (CBRN) material.

COURSE FOCUS:

The modules of this course will cover each of the CBRN domains in a similar way: an opening discussion of the legal regimes surrounding the topic followed by a pragmatic discussion of detection measures, consequences, and potential government responses. Each domain will feature a practical exercise to immerse you in the topic.

The practical exercises will simulate:

- how to find radioactive material and build a dirty bomb
- how to react to biological contamination at a major airport
- how to detect and neutralise threats sent through incoming mail

COURSE BENEFITS

The course is designed to bring out the best of the three central elements that form the basis of the GCSP's unique learning experience: the latest research from prominent academics, the wisdom of accomplished practitioners, and the collective experience of professional participants. This unique blend enables you and your peers to engage in a challenging topic.

By the end of the course, you will be able to:

- build a holistic approach to CBRN incidents, at both the political and operational levels
- experience how potential terrorist can find illicit materials
- assess the impact of contingency measures aimed at dealing with a CBRN attack or accident
- evaluate the risks associated with the smuggling and proliferation of CBRN material



GCSP
Geneva Centre for
Security Policy

Course Director



Dr Jean-Marc Rickli is the leader of the Global Risk and Resilience thematic cluster at the GCSP. Prior to his current appointment, he was lecturer at the Department of Defence Studies at King's College London and at the National Defence College in Qatar. He has a PhD in international relations from the University of Oxford.



Dr Jean-Marc Vaucher has taken part in the Swiss Federal Commission for CBRN Protection (ComABC), works as an expert in materials hazards for the Swiss Safety Investigation Board (STSB), and participated in the implementation of the Paraguay and the Philippines CBRN defence. He has a PhD in chemistry from the University of Neuchâtel.

Please visit the course page on the **GCSP website** for further details on speakers.

Who should attend

The target audience is composed of

- terrorism analysts, policy advisors,
- chief security officers,
- directors of security,
- chiefs of emergency interventions and
- military officers in charge of CBRN protection.

It could also be of interests to journalists and more broadly to people in charge of security policy.

Language requirements

The course will be held in English; no translation will be provided

Venue

GCSP, Maison de la paix,
Chemin Eugène-Rigot 2D, Geneva
Switzerland

Contact

For further details about the course or customised solutions, please contact:

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Alumni Community

Completing the executive course gives you access to a global and expanding network of over 6'500 experts. Alumni are able to connect online through our Alumni Portal, attend numerous conferences and events, and benefit from reduced rates in future courses.

GCSP

The Geneva Centre for Security Policy is an international foundation with 52 member states from across the globe. We bring people from every industry and nation together so they can thrive in today's ever-changing security landscape.

In the heart of international Geneva

Home to over 35 international organisations, some 380 non-governmental organisations, and more than 175 diplomatic missions, representations and delegations, Geneva is a leading hub for international expertise.

Customised Solutions

This course can be adapted to meet the needs of your organisation. The GCSP has more than 20 years of experience in delivering executive education for professionals working in government, non-profits, international organisations, as well as in the private sector.

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