

International Master courses in Protection against CBRNe events

a.y. 2020/2021

International Master Courses in
Protection Against CBRNe events

UNIVERSITY OF ROME TOR VERGATA

Directive Board Master CBRNe



DIRECTOR
CBRNe Master Courses
Prof. Leonardo Palombi



COORDINATOR
CBRNe Master Courses
Prof. Pasquale Gaudio



President R&D Board
Research and Development Board
Prof. Francesco d'Errico



President of the
Scientific Board
Prof. Carlo Bellecci



Director of the
Didactic Activities
Dr. Andrea Malizia



Director of the
Training Activities
Michael Ian Thornton, M.Sc.



Head of
Administration and Accounting
Colomba Russo, M.D., M.Sc.



Responsible for Drill, Table Top,
Functional and Full scale Exercises
Alba Iannotti, M.D., M.Sc.



DIDACTIC BOARD - Master CBRNe



CBRNe Master Vision





CBRNe Master MISSION

Organizative Boards



The International Master Courses in Protection Against CBRNe events asserted themselves in a strong way obtaining the status of “*NATO Selected*” directly from the HQ in Norfolk (Virginia, USA). Also, they are included in the *NATO Education and Training Opportunities Catalogue (ETOC)*, and they entered into cooperation agreement with the *Organization for the Prohibition of Chemical Weapons (OPCW)*, the *NATO Joint Centre Of Excellence (Czech Republic)*, the *NATO SCHOOL of Oberammergau (Germany)*



SUPPORTED BY OPCW



NATO SELECTED STATUS





Both Master Courses have been granted with the **NATO**
SELECTED status by the NATO HQ SACT (Supreme Allied
Commander Transformation – Norfolk, Virginia, USA).





CEPOL FRAMEWORK PARTNER



The University of Rome Tor Vergata has signed a cooperation agreement with the Abu Dhabi Police State Department in the aim of Master CBRNe activities last 28 of June 2018



IAEA

International Atomic Energy Agency

Atoms for Peace and Development



Requirements: Bachelor Degree or Equivalent title in Engineering, Science, Medicine, Biology, Chemistry, Physics, Law, Politic Science, Strategic Science, Journalism or similar (contact: info@mastercbrn.it)

Requirements: Master Degree or Equivalent title in Engineering, Science, Medicine, Biology, Chemistry, Physics, Law, Politic Science, Strategic Science, Journalism or similar (contact: info@mastercbrn.it)

1st Level Course

120 ECTS – 2 YEARS

(European Credit Transfer System)

2nd Level Course

60 ECTS – 1 YEAR

(European Credit Transfer System)

OFFICIAL ACADEMIC TITLES
RECOGNIZED BY
“BOLOGNA PROCESS”

ALLOW ACCES to 2nd Level Course

ALLOW ACCES to PhD Programs in
Safety & Security

Academic Years 2019-20 and 2020-21
Fifth Edition



e-Learning
International Master Course in
"Protection Against CBRNe Events"
120 ECTS

1st Level Course - BASIC
for "CBRNe First Responders"

Official Course Language ENGLISH

**E-learning
ON
DEMAND**

Academic Year 2019-2020 | 10th EDITION



e-Learning
International Master Course in
"Protection Against CBRNe Events"
60 ECTS

2nd Level Course - ADVANCED

Official Course Language ENGLISH

1st Level Course - BASIC

MODULE 1 – CBRNe threats between past and current challenges

MODULE 2 – B Agents. Biological Warfare Agents, history, current challenges, properties, case study

MODULE 3 – C Agents (P2). HazMat, TIM and Chemical Warfare Agents introduction, history, chemical / physical properties, ERG introduction

MODULE 4 – DSS, Software

MODULE 5-R/N Agents. Radiological and nuclear agents awareness, industry, medical & military

MODULE 6 - C Agents: Chemical Warfare Agents detection, protection and decontamination operations

MODULE 7 – Communication and Psychology

MODULE 8 – Medical Countermeasures, CBRNe First Aid

MODULE 9 – Investigation in case of CBRNe events

MODULE 10 – e Agents, CBR IED and EOD, challenges and case studies

TRAINING ACTIVITIES 4 Weeks of Training Activities in 4 of the International Training Facilities in cooperation with the Master Course

**E-learning
ON
DEMAND**

**Application
for single
modules**

2nd Level Course - ADVANCED

MODULE 1 – CBRNe threats between past and current challenges

MODULE 2 – International Cooperation for Crises, Emergencies & Disasters Preparedness and Management

MODULE 3 – CBRNe Events Management

MODULE 4 – Management of Outbreaks and Biological Releases Scenarios

MODULE 5 – Management of Nuclear Events and Radiological Scenarios

MODULE 6 - Investigation

MODULE 7 – Management of Chemical Releases Scenarios

MODULE 8 – Crisis and Emergency Risk Communication

MODULE 9 – Table Top Exercise for Crises, Emergencies, Disasters and CBRNe Events Management

**E-learning
ON DEMAND**

**Application
for single
modules**

Support for Emergencies Simulation activities from Italy

WHAT IS A TABLETOP EXERCISE?

A tabletop exercise (TTX) is a disaster preparedness activity that takes participants through the process of dealing with simulated disaster scenario.



Open Enrollment



The enrollment procedure will be open in February 2021 and the courses will start at the end of March 2021.

We recommend to visit the website <https://en.uniroma2.it/admissions/how-to-apply/>

Note that in order to finalise the enrollment, your final qualification will have to be accompanied either by a **Statement of Comparability** issued by **CIMEA** or by the **Declaration of Value** issued by the competent Italian Diplomatic Representation for the territory.

Given the current circumstances due to the Covid-19, in order to finalize the enrollment we suggest you to request the **Statement of Comparability to the CIMEA at the following link: <https://cimea.diplo-me.eu/torvergata>**



- **IT IS NOT POSSIBLE TO ATTEND BOTH COURSES or OTHER ACADEMIC COURSES IN THE SAME ACADEMIC YEAR .**
- **YOU CAN CHOOSE TO ATTEND 1° OR 2° LEVEL COURSE.**
- **THE FIRST LEVEL IS NOT PREPARATORY TO THE SECOND.**



MASTER CBRNe

Chemical, Biological, Radiological, Nuclear and explosive
Department of Industrial Engineering and School of Medicine and Surgery



CBRN GATE



CBRN GATE
a comprehensive portal



CBRN GATE



**For further information and for
instructions for the application
process please visit**

www.cbrngate.com

E-mail: *info@mastercbrn.it*

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