













# 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.



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



Responsible for Drill, Table Top, Functional and Full scale Excercises Alba lannotti, M.D., M.Sc.

















#### **DIDACTIC BOARD - Master CBRNe**







































#### **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)









































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) 2<sup>nd</sup> Level Course 60 ECTS – 1 YEAR (European Credit Transfer System)

OFFICIAL ACADEMIC TITLES

RECOGNIZED BY

"BOLOGNA PROCESS"



**ALLOW ACCES to 2<sup>nd</sup> Level Course** 

ALLOW ACCES to PhD Programs in Safety & Security









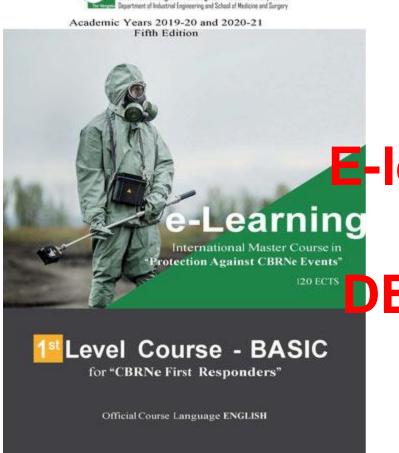














Academic Year 2019-2020 | 10th EDITION



















#### Level Course - BASIC

MODULE 1 – CBRNe threats between past and current challenges

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

Application for single modules TRAINING ACTIVITIES 4 Weeks of Training Activities in 4 of the International Training Facilities in cooperation with the Master Course

















#### 2<sup>nd</sup> Level Course - ADVANCED

MODULE 1 – CBRNe threats between past and current challenges

E-learning ON DEMAND 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

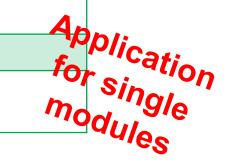
MODULE 5 - Management of Nuclear Events and Radiological Scenarios

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

















# 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 reccomend 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.

















**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* 

International Master Courses in Protection Against CBRNe events

UNIVERSITY OF ROME TOR VERGATA

