

# MASTER'S PROGRAMME IN NUCLEAR SECURITY

UNIVERSITY OF NATIONAL AND WORLD ECONOMY, SOFIA



<http://www.unwe.bg/nuclear-security/en>



"National and Regional Security" Department of UNWE offers such a Master's topical Programme in Defence and Security Economics with specialization "Nuclear Security".

The Programme's duration is four semesters for students who have completed a bachelor's degree of equivalent. The Programme is structured according to the state's requirement for the Master degree and International Atomic Energy Agency, Nuclear Security Series No. 12.

The Master's Programme is the result of an Agreement between the International Atomic Energy Agency (IAEA) and the University of National and World Economy (UNWE), Sofia, Bulgaria, one of leading Bulgarian universities.

In 2014 IAEA Director General Yukiya Amano and Prof. D. Sc. (Econ) Statty Stavev, Rector of the UNWE, signed an Agreement on Cooperation in Education and Research in the Field of Nuclear Security."

The aim of the Master's Programme "Defence and Security Economics" with specialization "Nuclear Security" is to prepare highly qualified managerial personnel at middle management level for the needs of the nuclear industry.



The Programme at a glance:

- Duration – 2 years (4 semesters), 22 courses;
- Location – University of National and World Economy, Sofia, Bulgaria, EU;
- Goals – become a manager in the nuclear industry;
- Requirements – Bachelor's degree, English language skills.

The structure of the Master's Programme in Nuclear Security consist of a set of 12 compulsory courses, providing solid knowledge in the fundamental areas (such as the legal framework, nuclear technologies and applications, radiation protection) and in-depth expertise in the main nuclear security areas (prevention, detection and response), together with more advanced know-how in 10 elective courses that could be selected by students to obtain a specialization in certain areas of nuclear security.

The design of the Master's Programme in Nuclear Security is characterized by a combination of theoretical and practical sessions, e.g. demonstrations, laboratory exercises, case studies, technical visits and simulations, which is in line with the teaching policy of the University and defined by the individual academic teachers.

UNWE is a member of the International Nuclear Security Education Network.

## Prerequisites for Prospective Students

- You must be interested in science-an academic background is required.
- You will communicate with people from all over the world – candidates should have English language skills on appropriate level.
- You have to care deeply about securing a peaceful tomorrow in a world that views nuclear energy with suspicion.

## Language skills

To enroll in the Master's Programme in Nuclear Security, students should hold an academic degree, e.g. a



Bachelor's Degree or any other equivalent University Degree and should be proficient in English.

## Diploma

The Programme is completed upon the submission of a Master's thesis and its approval by an Academic Committee. All Master's Programme graduates shall obtain a Master of Sciences Diploma from the University of National and World Economy.

*For more information,  
please, visit our website!*