Nuclear Nonproliferation, Safeguards, and Security (NNSS) Virtual Course

Eligibility Requirements
Applicants must:
• Be 18 years or older
• Be in or entering graduate school or employed in a relevant field
• Be able to attend the full two weeks of the course

Application Requirements
• The application form can be found at: https://www.bnl.gov/nnsscourse
• Transcripts of your undergraduate and graduate records (official or non-official)
• One letter of recommendation and two references
• Application form can be completed online. Supporting documents can be uploaded directly in the application

Application Deadlines
• Applications and transcripts must be received online by March 4, 2022
• Letters of recommendation must be received online by March 7, 2022
• Applicants will be notified of the outcome of the selection process by March 21, 2022
• Non-U.S. citizens are provisionally admitted to the course pending approval in Brookhaven Lab’s Guest Information System (GIS). Information on submitting a guest registration request, including submission requirements and deadlines, will be provided by the course organizers after provisional admission. GIS approval must be received prior to the start of the course in order to participate.
• A stipend up to $1,000 is available based on a demonstration of need
• There is no cost to participants to attend this course

NNSS 2015 Course Topical Areas
• Nuclear Fuel Cycle
• Nuclear Weapons
• Nuclear Security
• Non-Proliferation of Nuclear Weapons (NPT)
• International Atomic Energy Agency (IAEA)
• IAEA Safeguards: Concepts and Implementation Examples
• IAEA Safeguards Complementary Access Exercise
• Nuclear Nonproliferation Successes and Failures
• Authorities of the IAEA

This course is designed to give students a sound understanding of the framework created by the international community to address the threats of nuclear proliferation and nuclear terrorism. The focus is on the central element of this regime, the Nuclear Non-Proliferation Treaty (NPT) and its verification mechanism, the IAEA safeguards system.

The course presents students with critical assessments of current nonproliferation issues, confronts them with the hard choices needed to address them, and provides in-depth analysis of the technical and legal framework needed to assess policy options. Exercises and demonstrations introduce students to the techniques and technologies of international safeguards and the challenges faced by international inspectors in the field. Above all, the course aims to give participants the knowledge, analytic tools, and the motivation to contribute to the improvement of the nonproliferation regime.

For more information go to: http://www.bnl.gov/nnsscourse
Questions can be sent to nnss@bnl.gov