

## SUMMER INSTITUTE 2019



The most effective career development programme  
**preparing nuclear professionals for future challenges**

Applications are invited for the World Nuclear University Summer Institute 2019  
23 June to 27 July - Romania and Switzerland

### The Focus

The WNU Summer Institute aims to

- Provide a global picture on the full spectrum of issues surrounding nuclear energy and to develop skills in leadership, communication, planning and organization.
- Offer quality education and nuclear training from the world's foremost experts and leaders in nuclear science, engineering and business enhanced by practical workshops, interactive platforms and visit to nuclear facilities.



[Applications online](http://world-nuclear-university.org)  
world-nuclear-university.org

[Application deadlines](#)  
IAEA funded application ends on 23 November 2018  
Company funded applications ends on 15 February 2019



## Training the nuclear industry's best

Each WNU Summer Institute is composed of an internationally diverse mix of top professionals, working in industry, research or government service. Typical average age is 33. Applicants must provide evidence of meeting the following requirements:

- Currently employed in the nuclear sector, with at least 3 years of relevant work experience.
- Advanced university degree (master's degree or equivalent 4 years of work experience) in nuclear energy sciences related field.
- 2 reference letters demonstrating leadership potential as well as professional or academic excellence.
- Advanced English language skills, to be able to participate in lively discussions.

Gender balance is a priority in WNU programmes.

The tuition fee which includes course material, mentorship, technical tours as well as meals and accommodation for the duration of the course amounts to £12,400. Travel from home country to WNU Summer Institute, travel from Romania to Switzerland, and insurance are not included.

## Curriculum

While at the Summer Institute, WNU Fellows will attend dynamic lectures, workshops in small groups, visit nuclear facilities, and enjoy social and cultural events with a total of 270 hours of activities.

The WNU Summer Institute curriculum provides cutting-edge presentations on the full range of topics relevant to the future of nuclear technology:

- Global setting, including energy supply and demand, climate change, nuclear technology for sustainable development, new build and trends.
- Nuclear industry, including the nuclear fuel cycle, production of nuclear energy, technology innovations and applications of ionising radiation.
- International regimes, nuclear law, safety, security and safeguards implementation aspects and regulatory oversights.
- Leadership, project management, change management, and communications.
- Final projects: Network for Nuclear Innovations.

On successful completion of the course and assessments, each Fellow will receive a WNU certificate.



## Alumni

Since the WNU Summer Institute's inception in 2005, 1,132 Fellows from 84 countries have completed the programme. After the Summer Institute, fellows become part of an expanding global network of WNU alumni.

According to the SI alumni survey conducted in 2014:

**96%** noticed an improved understanding of nuclear topics and incorporated them into their everyday work

According to the company survey conducted in 2016:

**100%** agree that SI alumni are more motivated in their roles

**78%** agree that SI alumni approach leadership roles with confidence.



## About the World Nuclear University

Inaugurated in 2003 and encompassing key institutions of nuclear learning in more than 30 nations, the WNU network has four Founding Supporters: the International Atomic Energy Agency, the OECD Nuclear Energy Agency, the World Nuclear Association and the World Association of Nuclear Operators.

The mission of the WNU is to enhance international education and leadership in the peaceful uses of nuclear energy

and the applications of nuclear science and technology, by providing top level training for future world class nuclear leaders. WNU activities are designed to harness the strengths of partners in pursuit of shared purposes.

The WNU pursues this mission through programmes organized by the WNU Coordinating Centre (WNUCC) in London, with administrative support from the World Nuclear Association.

## Comments from recent WNU Fellows:

"The WNU Summer Institute is by far the best nuclear leadership programme I have ever attended."

"There is no better place to learn about the nuclear industry than at the WNU Summer Institute."

"It is the most positive, dynamic, learning experience that you will experience in your life."