

Master of Science - MSc NE Nuclear Engineering

Track in Advanced Nuclear Waste Management - ANWM

▲ This program develops fundamental scientific, technical and industrial knowledge in the field of nuclear engineering. It has a particular focus on the backend of the nuclear fuel cycle, nuclear waste management, long-term safety and environmental impact assessment. It also provides strong insights on dismantlement and decommissioning of nuclear installations.

CURRICULUM

M1 - YEAR 1 Nantes campus

- > Ionizing radiations
- > Introduction to nuclear modeling
- > Introduction to neutron physics
- > Radioprotection
- > Physico-chemistry of environment
- > Introduction to nuclear technology
- > Environmental management & sustainability
- > Measurement and data analysis
- > Project, company visits, seminars
- > French language & culture

M2 - YEAR 2 Nantes campus

- > Wastes, conditioning and storage
- > Dismantlement and decommissioning
- > Geological disposal
- > Safety
- > Management, safety and society
- > Professional coaching
- > Master thesis / internship
- > French language & culture

Courses are subject to change without notice

Accreditation from the Ministry of Higher Education, Research and Innovation No. 20170877

100 % taught in English

6-month paid internship in a company or lab

Free application!



IMT Atlantique
Bretagne-Pays de la Loire
École Mines-Télécom



#NuclearTechnology
#Energy #Physics
#WasteManagement
#Dismantlement
#Decommissioning
#NuclearSafety



ALUMNI TESTIMONY

Pamela LOPEZ (Argentina)

"I was able to comprehend the French nuclear network and make a lot of contacts for my future. Moreover, this Master and the internship at EDF have given me the technical understanding to decide exactly what I want to do in my professional life."

RESEARCH EXPOSURE

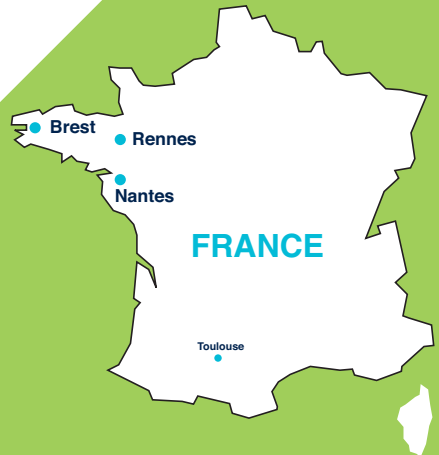
The MSc is managed by SUBATECH, a joint research unit between the CNRS-IN2P3, IMT Atlantique and the University of Nantes.

CAREER OPPORTUNITIES

Manager of nuclear waste in industrial, hospitals or research institutions, Safety engineer for radioactive waste management solutions, Engineer in international agencies involved in nuclear waste issues, R & D engineer, etc. Possibility to continue in PhD.



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IMT ATLANTIQUE

IMT Atlantique is a "Grande Ecole" ranked among the best French Graduate Engineering Schools, and recognized internationally as a leading Technological University (Shanghai, QS and THE rankings).

It is a member of IMT, the largest group of public Engineering and Management Graduate Schools in France.

TUITION FEES AND SCHOLARSHIPS

12,000 Euros / year

Scholarships opportunities for:

Excellent profiles, alumni from our partner universities, European citizens, etc.

Find out more:

www.imt-atlantique.fr/ne

Contact us:

ne-apply@imt-atlantique.fr

Apply:

<https://ne.imt-atlantique.fr>