

Overview of Master's degrees in Energy training with nuclear specialization



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Master's Degree in Industrial Technologies Research

Summary

Official research-oriented master's degree. It has an itinerary in Energy Engineering with 9 ECTS of compulsory core subjects, and a 15 ECTS Final Master's Thesis that can be part of one of the international research programs in which the TECF3IR research group participates, such as ITER, IFMIF-DONES and DEMO, and can constitute the prelude to a doctoral thesis.



Main information

University/Coordinating Institution Department	National University of Distance Education (UNED)
Institutions involved in teaching	National University of Distance Education (UNED)
Location/Faculties	Distance learning and face-to-face exams at the Associated Centres in Spain or abroad
Credits/Teaching hours	60 ECTS
Duration	1 academic course
Type of teaching	Distance learning with face-to-face exams. Virtual platform and student service hours telematic or face-to-face in Madrid
Tuition fees	35.02€/credit (first registration, 2022-2023). Public prices

Comments

The Master's Thesis offers three lines of research in the field of nuclear engineering:

- L.19. Design of accelerator-assisted radioactive waste transmutation systems.
- L.20. Radioactive protection and safety in the design of high-intensity accelerators to simulate damage by irradiation of materials in nuclear fusion reactors.
- L.21. Safety and environmental impact in the design of experimental facilities and conceptual nuclear fusion power plants.

