Sorbonne University

Key figures

72 research laboratories **3,200** staff **22,000** students
80% success rate
50% of courses taught by professionals from the nuclear sector
66% of students find permanent positions even before defending their master's theses

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The academic excellence of the **School of Science and Engineering of Sorbonne University** is supported by its teacher-researchers and researchers whose research work feeds the quality of the training provided on the various campuses of the faculty, in Paris and in the sea-side cities of Banyuls, Roscoff, and Villefranche-sur-Mer.

THE PLACE OF NUCLEAR TEACHING AT SORBONNE UNIVERSITY

MASTER The Sorbonne is committed to meeting the new challenges within the nuclear industry: development of new reactors, dismantling and increased safety requirements. It contributes to the training of a large number of master's students in its preferred fields: resource management, safety and criticality, as well as chemical physics at certain stages of the nuclear cycle. The Master in Science and Technology ('fundamental physics and applications') offers a speciality in '**nuclear engineering**' during the second year. The training time is thus divided between courses at Sorbonne University and an internship in a company, thus increasing the possibilities of integration into working life at the end of the training. In addition to technical training in nuclear physics, which constitutes the core of the training, there is more specialised teaching which may depend on the students' background, their inclination for a specific field or their links with specialized services, partners or subcontractors of nuclear operators. The training consists of a common core in the first semester, followed by more specialised teaching in safety, criticality and radiation protection. The training is divided into two semesters, the second of which is spent entirely in a company.

Research

Sorbonne University is a research intensive university. The School of Science and Engineering supports this ambition by relying on its research objects, whether to define its scientific policy, direct its partnerships, encourage its innovations, thus structuring the training it provides accordingly.