

THE MASTER “n+”

● TRAINING IN AN ENGINEERING “GRANDE ECOLE” TO OBTAIN THE PRESTIGIOUS FRENCH “DIPLOME D’INGÉNIEUR” (MASTER’S DEGREE IN SCIENCE, ENGINEERING AND MANAGEMENT)

In France, engineering studies are prized and lead to an engineering degree (Master’s degree obtained with 300 ECTS credits in conformity with international agreements).

A French engineering degree indicates that a student has an obtained **initial high-level scientific and technical training** provided by a high-quality educational establishment. In addition to this basic training, the engineering degree offers training in humanities, knowledge of corporate affairs (labour law, legislation, etc.), ability to become fluent in a foreign language, industrial internships, etc. In-company training courses and visits to industrial production sites are also part of the training.

The Master “n+” prepares students for project and team management positions (many companies' **chief executives and directors** were trained as engineers). Given its level, requirements and international recognition, it can be presented as a **Master’s degree with Honours** or a **Master’s degree in Science, Engineering and Management**. To indicate its extremely comprehensive and more generalist content, it is called the **Master “n+”** (n plus).

This degree is conferred by institutes accredited by the French commission for engineering degrees (CTI) and is recognized as an international Master’s degree within the European Bologna scheme.

This Master’s degree programme requires **120 ECTS credits** after a Bachelor’s degree, i.e. two years, which we call M1 for the first year and M2 for the second year. For this Master “n+” the length of studies cannot be reduced.

| PIC - Cultural Integration Package | | | | | |
|------------------------------------|------------|------------|------------|--------------|--------------|
| July / Aug | Sept / Feb | Feb / June | July / Aug | Sept / March | April / Sept |
| PIL | Courses | Courses | Internship | Courses | Courses |
| | M1a or PIM | M1b | | M2a | M2b |
| | 30 ects | 30 ects | | 30 ects | 30 ects |

IMPORTANT: Foreign students are awarded exactly **the same degree as French students**. The French government may extend the visa by six months (after obtaining the degree) to enable the degree holder to search for a job, and may then issue a work permit if recruitment is successful

NB: See also the more specific Master “i”

● The entry point for a PhD

These Master’s degrees enable students to enrol for a PhD (Doctorate, see conditions). Via the “n+i” Network, you will be able to find the most suitable laboratory for your PhD research work.

● Integration packages

To optimize foreign students' integration and put them in the best situation possible to succeed in their studies, we offer a Success Programme in the form of Cultural, Linguistic and Methodological Integration Packages (PIC, PIL and PIM).

● Level of English

Students are required to have a minimum English language level (TOEFL 550) to obtain the Master “n+”.



THE MASTER “i”

● A MORE SPECIALISED AND FLEXIBLE COURSE IN A SCIENTIFIC OR TECHNOLOGICAL FIELD

The Master “i” is recommended **for students with a highly specialised Bachelor’s degree** in their country and for **young engineers who have been working for a few years** and who want to complete their knowledge in a specific area. The Master “i” prepares students to become **research and development engineers** and can lead to project and team management positions.

This degree is conferred by institutes accredited by the French Research and Higher Education Evaluation Agency (AERES). It is internationally recognized as a Master’s degree.

The Master “i” programme requires **120 ECTS credits** (see above: master n+) after a Bachelor’s degree, i.e. two years which we call **M1** for the first year and **M2** for the second year. However, the **validation of experience in the country of origin can reduce the length of training in France** (18 months or 14 months instead of 24). This more specialised Master’s degree, focused on a specific scientific or technical area, includes a long training period in a company or research centre (6 months) during M2.

● RECOGNITION OF PREVIOUS EXPERIENCE, VALIDATION OF CREDITS

The Master “i” corresponds to a block of 120 ECTS credits following a Bachelor’s degree or equivalent. Under certain conditions, foreign students can, solely for the Master’s degree, obtain validation of previously acquired academic or professional experience. This recognition can **reduce the length of training in France to 14 months** for a validation of the first year of the Master’s degree (M1 exemption) and to 18 months for a validation of professional experience (Exemption from 6-month internship).

• Validation of the first year of the Master’s degree (M1)

A student who has successfully completed a programme in his/her country that can be validated as a first year of a Master’s degree will be exempted from M1 in France and can be accepted directly in M2 (14 months i.e. a semester of M2a courses plus a semester of M2b internship).

This situation obviously applies to students who come from **universities with which the “n+i” Network has signed co-operation and validation agreements (MOU)**, but also to other students, provided the French Institute they wish to attend agrees.

• Validation of experience corresponding to the Master’s degree internship (M2b)

A young engineer who has worked for a number of years in a company and who has therefore obtained professional experience after his Bachelor’s degree may ask that this experience exempt him from the internship required to obtain the Master’s degree. In this case, the candidate will only need to complete the theoretical part of the Master’s degree i.e. 18 months (M1a + M1b + M2a).

This situation applies to **young professionals** who wish, after a short experience, to give a boost to their careers as well as to the companies that employ them.

This validation for a specific Master’s degree may be pursuant to **cooperative agreements signed between the “n+i” Network** (institutes concerned) **and foreign universities**. The validation can be accorded to other students on presentation of their academic and professional records.

NB: See also the Diplôme d’Ingénieur (Master n+).



During these two years of study in France, this is the experiment of living, studying and working in another culture which profited me, more than the knowledge obtained in the books.

DAI Yili - CHINA

