



POLITECNICO
MILANO 1863

Decreto Rep. 8559/2021 Prot. N 157950
Data 30/09/2021
Titolo III Classe 2
UOR SDSMI

NOTICE OF SELECTION

A call for a selection competition of 25 students that will participate to the HONOURS PROGRAMME “Scientific Research in Industrial Engineering” is activated in the following study programmes:

- Nuclear Engineering
- Energy Engineering
- Chemical Engineering

DESCRIPTION

Honours Programme “*Scientific Research in Industrial Engineering - Nuclear Science and Technology*”

Addressed to students with a strong predisposition for study and research, with the aim to improve these skills and train engineers who can enter into the fields of scientific and technological research without problems. The training programme is developed along the LM conventional programme in Nuclear Engineering and offers the student the opportunity to study in detail some aspects of its education, both from a methodological and content point of view, under the supervision of a reference professor assigned by the CS. For this purpose, additional in-depth training activities are provided in different disciplines and during the LM final work, for a total of 20 additional credits, part of which according to the Honours list and the other part decided among the LM courses, according to the student's interests and in agreement with the reference professor.



POLITECNICO
MILANO 1863

Honours Programme “*Scientific Research in Industrial Engineering - Energy*”

It is an educational path that is part of the Politecnico di Milano high education training strategy and is targeted to students with a strong predisposition for study and research, with the aim to improve these skills and train engineers who can enter the fields of scientific and technological research without problems. The training programme is developed in the LM programme in Energy Engineering and offers the student the opportunity to study in detail the aspects of its education, both from a methodological and content point of view, under the supervision of a reference professor assigned by the study programme. For this purpose, additional in-depth training activities are provided in different disciplines and during the LM final work, for a total of 20 additional credits, part of which according to the Honours list and the other part decided among the LM courses, according to the student's interests and in agreement with the reference professor.

Honours Programme “*Scientific Research in Industrial Engineering - Chemical*”

It is a study programme addressed to students with a strong predisposition for study and research, with the aim to improve these skills and train engineers who can enter into the fields of scientific and technological research without problems. The educational programme developed as part of the laurea magistrale study programme in Chemical Engineering offers students the opportunity to study in details some aspects of their preparation in applied and basic research, both from a methodological and content point of view. The student's career towards these objectives takes place under the supervision of a reference professor, provided by the study programme. For this purpose, additional in-depth training activities are provided in different disciplines and during the LM final work, for a total of 20 additional credits, part of which in the LM courses, according to the student's interests and in agreement with the reference professor.

The competition is open to students of Politecnico di Milano regularly registered to the a.y. 2021/22, in the first year of the Laurea Magistrale (equivalent to Master of Science), in one of the study programme listed above.

The available places are shown in the table below:



POLITECNICO
MILANO 1863

Study Programme	Available Places
Nuclear Engineering - Ingegneria Nucleare	5
Energy Engineering – Ingegneria Energetica	10
Chemical Engineering - Ingegneria Chimica	10

APPLICATION FOR PARTICIPATION

The participation application must be submitted through the **dedicated function available from On-line services** (section Admission Inquiries> Admission and selection procedure) **starting on October 15th and within 12.00 (Italy time) of the 29 October** .

To the application form, it is compulsory to include (in pdf format of maximum 10 MB)

1. Curriculum vitae whit self-certification of the weighted average of the exams of the First Level Study Course;
2. Motivation letter;

Files must be named Surname-Name_Kind of annex.pdf (for example Rossi-Mario_CV.pdf).

The closure of the on-line application is equivalent to send the participation application. Failure to close the application or its incompleteness will imply the exclusion from the selection procedure.

SELECTION

The selection is made by a committee consisting of the specific Responsible persons for the Study Programmes.

The evaluation will take into account:

- weighted average of the exams of the first-level Study Programme;
- motivation letter;
- extra-curricular and/or as extra activities and experiences previously carried out



POLITECNICO
MILANO 1863

The list of students admitted to the programme, for each study programme, will be published by 10/11/2021 on the web page...

Each student admitted to the programme will be asked to confirm, within ten days from the publication of the ranking list, his/her participation in the Honours Programme.

In case of renunciation, the administration will go on, where possible, in scrolling the ranking list.

INCOMPATIBILITA'

La partecipazione all'Honours Programme è incompatibile con eventuali esperienze di studio all'estero, sia per mobilità breve che di doppia laurea, ma non con periodi all'estero dedicati allo svolgimento della tesi di laurea.

REQUISITI PER L'OTTENIMENTO DEL TITOLO

The requirements to obtain the Honours Programme qualification in "**Scientific Research in Industrial Engineering - Nuclear Science and Technology**" are the maintenance of the weighted average of not less than 28/30 with no score lower than 24/30 and to obtain at least 55 ECTS at the end of the first a.y.

The requirements to obtain the Honours Programme qualification in "**Scientific Research in Industrial Engineering - Energy**" are the maintenance of the weighted average of not less than 27/30 with no score lower than 24/30 and to have passed all exams of first semester at the end of the first a.y. and one course related to SSD INGIND/31-32-33 of the second semester. In any case, all exams must be completed within the second academic year.

The requirements to obtain the Honours Programme qualification in "**Scientific Research in Industrial Engineering - Chemical**" are the maintenance of the weighted average of not less than 28/30 with no score lower than 26/30 and to have passed all exams of first semester at the end of the first a.y. In any case, all exams must be completed within the second academic year. I requisiti per l'ottenimento del titolo di Honours Programme "**Scientific Research in Industrial**



POLITECNICO
MILANO 1863

TRATTAMENTO DEI DATI PERSONALI

Per quanto concerne il trattamento dei dati personali, ai sensi dell'art. 13 del Regolamento UE 2016/679 del 27 aprile 2016, si rimanda a quanto indicato alla specifica pagina web del sito di Ateneo <https://www.polimi.it/privacy>.

RESPONSABILE DEL PROCEDIMENTO

Ai sensi di quanto disposto dall'Art. 5 della Legge 7 agosto 1990, n. 241, il Responsabile del procedimento di cui al presente bando è il dr. Gianluca Attolini.

Milano, 30/09/2021

Il Rettore
Prof. Ferruccio Resta

Per maggiori informazioni:

<https://www.polimi.it/corsi/percorsi-di-alta-formazione/honours-programme-scientific-research-in-industrial-engineering/>

e-mail: hp-industrialenginneering@polimi.it