PHD PROGRAMME TABLE
Announcements of competition for admission to PhD Courses
41st cycle, Academic Year 2025/2026

PhD Course: INDUSTRIAL INNOVATION ENGINEERING
Available positions: 13
Evaluation Methods: based on academic and research records

Available positions:

Place n.	Decription	Financial support	Specific research topic
1	Scholarship	University scholarship	-
2	Scholarship	University scholarship	-
3	Scholarship	University scholarship	-
4	Scholarship	University scholarship	-
5	Scholarship	Scholarship funded by Department of Engineering Sciences and Methods on 2025 departmental development FAR	-
6	Scholarship	Scholarship funded by Department of Engineering Sciences and Methods	Optimization and Artificial Intelligence Methods for Business Processes
7	Scholarship	Scholarship funded by Emilia Romagna Region in implementation of the programme 'Advanced Skills for Resilience and Land Sustainability' - PR ESF+ 2021/2027 CUP E83C24003170002	Management, analysis, and utilization of planetary and extra-planetary satellite data
8	Scholarship	Scholarship funded by Emilia Romagna Region in implementation of the program "High-Level Skills to Address the Challenges of the Technological, Cultural, Economic, and Social Transition Towards Sustainability"- PR ESF+ 2021/2027 CUP E83C25002380002	Sustainability and Innovation: Intelligent Manufacturing Processes through Digitalization
9	Scholarship	Scholarship funded by TRAMIS - project FIS-2023-02042 - CUP E53C24003820001	Development and implementation of planning and control algorithms for autonomous surgical robots
10	Scholarship	Scholarship funded by TRAMIS - project FIS-2023-02042 - CUP E53C24003820001	Development and implementation of an advanced perception system based on deep learning for intraoperative analysis
11	Scholarship	Scholarship funded by TRAMIS - project FIS-2023-02042 - CUP E53C24003820001	Development and implementation of control and artificial intelligence algorithms for the coordination of heterogeneous robotic systems

12	Scholarship	Scholarship funded by Sacmi Tech S.P.A.	Development of methodologies for the fluid-dynamics design of printheads for industrial digital printing
13	Position without scholarship	-	-

Areas of the PhD Programme: The PhD Program in Industrial Innovation Engineering (I3) includes two distinct cultural tracks, developed through two different curricula:

1) Management Engineering;
2) Mechatronic and Energy Engineering.

All curricula are characterized by a strong focus on innovation.

The teaching board may propose to one or more of the admitted candidates, deemed suitable, a study and research path in collaboration with the Federal University of Viçosa (Brazil), which will also lead to the attainment of a Brazilian PhD degree in "Computer Science."

Official languages of the programme: English. All international PhD students are encouraged to learn Italian during the course.

Further information can be found on the program's website: http://www.iii.unimore.it

The program is part of the Doctoral School in "E4E (Engineering for Economics – Economics for Engineering)."

Admission requirements: Italian second cycle master's degree ("Laurea Magistrale", under D.M. 270/04 or "Laurea Specialistica", under D.M. 509/99) or Italian degree obtained prior to D.M. 509/99 (the previous Italian regulations) or Second cycle non-Italian Master's degree, equivalent to the Italian degrees mentioned above, in accordance with Article 2 of this Call.

Documents to be attached to the application:

1) In order to express interest in also competing for the scholarships linked to a specific research topic, candidates must complete and attach the file "Declaration of priority interest to compete for scholarships linked to a specific research topic"

2) degree certificate (or self-certification for Italian degrees) and Transcript of Records including the full list of examinations with corresponding marks. Applicants with a non-Italian degree must attach their certificate (including the full list of examinations with corresponding marks) and a legalized translation or Diploma Supplement and, if available, the Declaration of Value ("Dichiarazione di Valore in loco") issued by the competent Italian diplomatic-consular Representation, or the certificates issued by the CIMEA - ENIC-NARIC centre. If the degree certificate is not yet available or if the degree has not yet been obtained, the candidate must attach a description of the degree with a list of the examinations taken using Annex A;

3) a curriculum vitae including their scientific and teaching activities in Italian or English using the form in Annex B; the CV must include the university-level qualifications held;

4) a summary, in Italian or English, of the Master's thesis (or equivalent), consisting of a minimum of three and a maximum of six pages, and structured

as follows: motivations behind the thesis, research methods, and results achieved;

5) a short text in English (Statement of Research Interest) using the form in [Annex C], in which the candidate illustrates her/his motivation for attending the Course and the description of her/his specific research interests;

6) possible certificates of English competence (TOEFL, CAE/Proficiency or others), if available;

7) certificate of completion of the GRE (Graduate Record Examination) test;

8) maximum three letters of introduction/recommendation/reference; in the online application, applicants must enter all the personal details of the professor/researcher/expert who will be sending the letter of recommendation. Once the application has been submitted, the computer system will send an automatic e-mail to the contact person requesting the letter of recommendation. The deadline for uploading letters is June 30th 2025, 11.59 pm (CET); applicants can check on the application summary page whether the contact person has sent the cover letter/recommendation. Within the aforementioned deadline, applicants may send a reminder to the contact person who has not yet done so by selecting the 'reminder' item from the application summary page;

9) any other document considered useful for the candidate's assessment and/or scientific publications; candidates must provide a full list of all the documents and publications attached;

10) a copy of a valid identity document.

Evaluation criteria:
In the evaluation of candidates' qualifications, the Selection Committee assigns scores up to a total of 60 points, as follows:
- curriculum: from 0 to 15 points,
- publications: from 0 to 5 points,
- Grades and evaluations from the university study program, including the thesis: from 0 to 10 points,
- motivation and research project: from 0 to 25 points,
- other qualifications: from 0 to 5 points.
Once the qualifications have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded.
Candidates will be accepted for admission if the evaluation of qualifications presented has a score of at least 30 points out of the 60 available.