

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

PhD Course: MECHANICAL AND VEHICLE ENGINEERING

Available positions: 10

Evaluation Methods: based on academic and research records

Available positions:

Place n.	Financial support	Description	Specific research topic
1	Scholarship	University Scholarship	-
2	Scholarship	University Scholarship	-
3	Scholarship	University Scholarship funded by Fondazione di Modena	-
4	Scholarship	University Scholarship funded by Fondazione di Modena	-
5	Scholarship	Scholarship funded by SPAL Automotive S.r.l.	-
6	Scholarship	Scholarship funded by Ferrari SpA	-
7	Scholarship	Scholarship funded by "Enzo Ferrari" Department of Engineering	-
8	Scholarship	Scholarship funded by Automobili Lamborghini S.p.A.	-
9	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	Advanced Technologies for the Ecological and Digital Transition: Innovative Solutions for Energy Efficiency, Sustainable Mobility, and Circular Economy – Numerical and Experimental Study for the Optimization of the Combustion of Pyrolysis and Gasification Gases
10	Position without scholarship	-	-

Areas of the PhD Programme: The course deals with subjects on Mechanical and Vehicle Engineering.

In the present Cycle, the Course is structured into two curricula: one focused on the field of Mechanical Engineering and the other on Vehicle Engineering.

These are the educational objectives, common to all PhD students: advanced training in the various areas of mechanical and vehicle engineering; education to the scientific and technological research; development of the attitude to international scientific cooperation; ability to interact with the industrial and economic district. More specifically, the issues considered fall within the specific areas listed below. The particular "Mechanical Engineering" curriculum characterizes the transversal nature of the issues that distinguish the "E4E Doctoral School (Engineering for Economics – Economics for Engineering)", of which this Course is part.

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

Further information is available on the PhD Programme website at: <https://www.phd-enzoferrari.unimore.it/site/home.html>.

This PhD 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), including the final grade and the maximum possible grade at the awarding institution; and Transcript of Records – a list of exams taken, including the corresponding ECTS credits and grades obtained. 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, Proficiency or others);
- 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 introduction letter/recommendation. Within the aforementioned deadline, applicants may send a reminder to the contact person who has not yet sent a letter 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 and relevance to the topics of the PhD Programme: from 0 to 25 points,
- Master Thesis (topic and grade): from 0 to 25 points,
- Candidate motivation (Statement of Research Interest), from 0 to 5 points;
- Publications, other qualifications and various attestations: 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 36 points out of the 60 available.