



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

TECHNOLOGY AREA
“Enzo Ferrari” Department of Engineering

Call for Applications for the International Inter-University Master’s
Degree Programme in

ADVANCED AUTOMOTIVE ENGINEERING

(Class LM-33)

MUNER - Motorvehicle University of Emilia Romagna

<https://motorvehicleuniversity.com/>

in collaboration with the Universities of Bologna, Ferrara, and
Parma

partner companies:

**Automobili Lamborghini spa, Dallara Automobili spa, Ducati
Motor Holding spa, Ferrari spa, Haas F1 Team, HPE COXA srl,
Marelli spa, Maserati spa, Pagani Automobili spa, Scuderia
Alpha Tauri spa**

and

**ART SpA, AVL Italia srl, CNH Industrial spa, Danisi
Engineering, MAHLE Aftermarket Italy, Pirelli Tyre spa,
Robert Bosch spa, STmicroelectronics srl**

**RESERVED TO FOREIGN/INTERNATIONAL STUDENTS REQUIRING AN
ENTRY VISA IN ITALY**

Academic Year 2024/2025

The programme will be held entirely in English

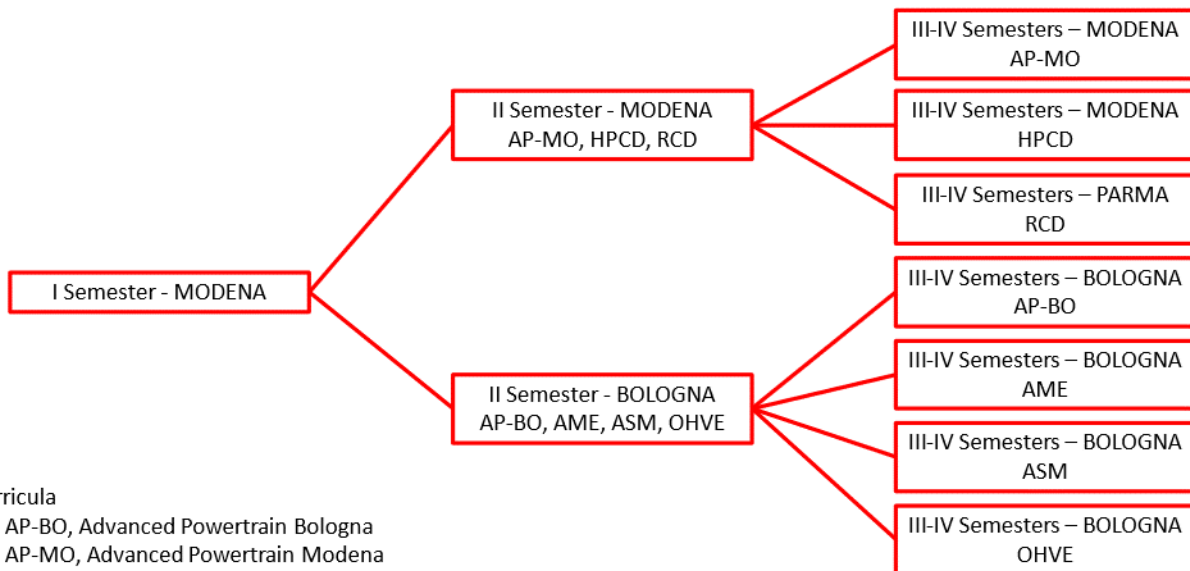
1. SUBJECT

At the University of Modena and Reggio Emilia, from 08/01/2024 to 29/02/2024 candidates can submit their online applications for the admission to the Master's Degree Programme in Advanced Automotive Engineering. The programme includes seven courses:

- Advanced Motorcycle Engineering
- Advanced Powertrain - Bologna
- Advanced Powertrain - Modena
- Advanced Sportscar Manufacturing
- High Performance Car Design
- Racing Car Design
- Off-highway Vehicle Engineering

There are **21 places available (three for each course)**, reserved to foreign/international students requiring an entry visa in Italy.

Courses are held at the Universities of Bologna (BO), Modena and Reggio Emilia (MO), and Parma (PR) as shown in the figure below (Figure 1):



Curricula

1. AP-BO, Advanced Powertrain Bologna
2. AP-MO, Advanced Powertrain Modena
3. AME, Advanced Motorcycle Engineering
4. ASM, Advanced Sportscar Manufacturing
5. HPCD, High Performance Car Design
6. OHVE, Off-Highway Vehicle Engineering
7. RCD, Racing Car Design

Figure 1: course breakdown at the Universities of Bologna (BO), Modena and Reggio Emilia (MO), and Parma (PR).

Vacant places will be made available to Italian, European and foreign/international candidates who are legally residing in Italy, at the end of the ranking scrolling and in accordance with the deadlines set for the call for application for admission, to the Master's degree in Advanced Automotive Engineering, reserved to Italian, European and foreign/international candidates who are legally residing in Italy.

European and foreign/international candidates who are legally residing in Italy are considered equivalent to Italian candidates. Therefore, they may request the admission to the Master's Degree Programme in Advanced Automotive Engineering by following the procedure indicated in the call for applications that shall be specifically drawn up for them and soon published at the link <http://www.unimore.it/bandi/StuLau.html> .

The President of the study programme is Professor Matteo Giacomini (info.aae@unimore.it).

2. QUALIFICATIONS AND KNOWLEDGE REQUIRED FOR THE ADMISSION

Eligibility requirements for the Master's Degree Programme are as follows:

- **Candidates shall possess one of the following study qualifications:**
 - Bachelor's Degree;
 - Three-year University Diploma;
 - Specialist Degree or Master's Degree, pursuant to MD 509/1999 or MD 270/2004.
 - Five-year University Degree (before MD 509/1999)

obtained with minimum score of 95/110 or in any case not lower than 86% of the highest score or placed within the top 30% of the class for study qualifications obtained abroad and considered equivalent. Candidates shall be responsible for certifying the obtainment of the minimum scores indicated.

The knowledge required for accessing this programme refers to a suitable knowledge of general scientific methods and contents in basic disciplines (Mathematics, Information Technology, Statistics, Physics and Chemistry) as well as in engineering disciplines that are preparatory for the distinctive subjects of the degree programme.

- **Knowledge of the English language** at a suitable level to use texts of the sector and follow the classes and seminars provided in English, **at least equivalent to the B2 level of the European common framework**. The following documents shall be provided:
 - Currently valid certificates as shown in the link:
<http://www.cla.unimore.it/site/en/home/certifications.html>
 - University exams of the English language providing teachings of B2 level, documented by a statement of the home University;
 - Obtainment of a bachelor degree in English;
 - English mother-tongue countries of origin (foreign or Italian citizens who are fluent in their language of origin as a consequence of their family or language experience shall be considered of foreign mother tongue);

For potential future students without suitable documentation for certifying their level of knowledge upon entry, the Language Center of the University of Modena and Reggio Emilia offers the possibility of taking a B2 level test remotely. Enrolment in the English test is subject to the application for the degree course of interest. Candidates will therefore be able to register for an English test only after having applied for the degree course of their choice. All information relating to the B2 test offered by the Language Center is published at the following link <https://www.cla.unimore.it/site/en/home/language-tests/english-b2-test-for-masters-degree- courses-taught-in-english.html>

The curricular requirements for the enrolment will be evaluated by a specific Board, which will analyse the study curriculum submitted.

3. SUBMITTING THE APPLICATION

Applications must be submitted online only between **08/01/2024 to 29/02/2024 at 1:00 p.m** (local time) by accessing the website <http://www.esse3.unimore.it>

The procedure involves:

- Register to the Esse3 website. Provide personal data, place of birth, residence, domicile, telephone number and e-mail address.
If the registration is successful, a username and a password (personal data) will be displayed and are required for the next steps. Login data will also be emailed to the student.

It is possible to download the “Registration guide per Master’s degree programs” at the following link:
<https://www.unimore.it/servizistudenti/guideEsse3.html>

- Login and enter username and password to access the personal area in Esse3.
- From the right-hand side menu, select “Registered Area / Student Area-Admission” and choose the degree programme from the list provided. Answer "Yes" to the question "Are you an international student with a foreign qualification applying for a visa at the embassy?"

Each candidate may submit only one application, which shall mandatorily indicate the order of preference of the following seven courses:

- Advanced Motorcycle Engineering
- Advanced Powertrain - Bologna
- Advanced Powertrain - Modena
- Advanced Sportscar Manufacturing
- High Performance Car Design
- Racing Car Design
- Off-highway Vehicle Engineering

The order of preference indicated in the application is binding and CANNOT be changed later.

Candidates must provide the data of the required study qualification and attach the following documents:

1. Statement/certificate of the study qualification obtained and the degree score, including the list of the exams taken with relevant score, translated in English;
2. Detailed programme of the exams: for each teaching, indicate the detailed programme of the exam taken, translated in English;
3. Certificate reporting the maximum degree score assigned by the foreign University where the qualification was obtained, translated in English;
4. Language certificate stating the knowledge of the English language;
5. Name and e-mail address of the Embassy/Consulate where the university pre-enrolment request was submitted;
6. Copy of a valid ID, the same that shall be provided the day of the videoconference interview.

At the end of admission and enrollment process, enrolled students at the Degree Program, may submit requests for curriculum change. Requests should be adequately motivated and should follow the procedure indicated in the specific notice published at the link:

<https://www.unimore.it/bandi/StuLau-Avvisi.html> for the evaluation by the Degree Course Council.

IMPORTANT: the application is correctly submitted only after saving the data and answering YES in the specific field “Do you want to submit your application now?”. The application may now be printed.
The Board WILL NOT assess candidates whose application HAS NOT been explicitly confirmed.

In the event that the attachments have not been correctly or fully submitted via the online procedure, after answering YES to the question “Do you want to submit your application now?” candidates may send an e-mail to segrstud.ingegneria@unimore.it providing a valid ID and explaining the issue, by the 29/02/2024 at 1:00 p.m. (local time).

The application for admission provides for a non-refundable contribution of € 55,00 to cover the costs. Payment shall be made BY 29/02/2024.

As indicated in the information on the link www.unimore.it/ammissione/pagamenti.html, from the site www.esse3.unimore.it, after logging in, go to the item “Taxes” to view the amounts due and to access the PA payment circuit.

The payment of the due amounts must be made only through the **PagoPA** circuit which allows **online payment** by choosing your Payment Service Provider - **PSP**. Upon payment confirmation, an email will be sent to the personal mailbox entered during registration, or to the University mailbox if already activated. From your personal Esse3 page, under the item "Taxes", it will be possible to print the payment receipt.

It should be noted that the amount of commissions may vary depending on the selected PSP.

Mind the deadlines

We inform you that the University CONSIDERS THE PAYMENT DATE AS STATED ON THE ONLINE PAYMENT RECEIPT (RT).

Payments whose receipt states a date after the payment deadline of the 29/02/2024 will not be accepted valid, regardless of whichever reason of the delay. According to the indications of AgID, Agency for Digital Italy, the payment transaction might be processed by "PSP" Payment Service Provider on the following day.

4. SUPPORT FOR DISABLED CANDIDATES AND WITH SLD

a) Candidates with disabilities

Pursuant to law no. 17/99 and no. 104 of 5 February 1992 as amended, disabled candidates with a disability certificate and/or certification as provided for by Law no. 104/92, willing to request aids and/or compensatory and dispensatory measures for taking the exams, shall upload suitable medical certification and relevant request on the website www.esse3.unimore.it when submitting the APPLICATION.

b) Candidates with diagnosis of SLD

Pursuant to Law no. 170 of 8 October 2010 as amended and supplemented, candidates suffering from Specific Learning Disorders (SLD), proven by proper certification issued in the last 3 years by institutions of the National Health Care System or specialists and facilities accredited by it, and willing to apply for aids and/or compensatory and dispensatory measures for carrying out the tests, are granted upon request compensatory instruments and dispensatory measures (Art. 11 M.D. no. 85 of 5 February 2014). To that purpose, the relevant request and suitable certification shall be uploaded on the website www.esse3.unimore.it when submitting the APPLICATION.

Based on the characteristics of the single candidates, the following documents shall be provided:

- Diagnosis of SLD
- Statement of civil invalidity
- Certification pursuant to law 104
- Application form for compensatory and dispensatory measures, which may be downloaded from the link <http://www.asd.unimore.it/site/home/articolo760030992.html>

The original copies of the documents attached shall also be delivered or sent electronically to the Welcome Office for Students with Disability and Specific Learning Disorders of UNIMORE.

Based on the documents received and jointly with the Selection Board, the Rector's Delegate for Disability and Specific Learning Disorders proposes the compensatory measures and additional time agreed for taking the tests.

Disabled students willing to apply for the exemption or the reduction of university fees shall submit an online request through the website www.er-go.it.

5. RESULTS OF THE TEST ASSESSING THE QUALIFICATIONS AND KNOWLEDGE REQUIRED FOR THE ADMISSION

The results of the tests evaluating the qualifications and knowledge required for the admission by the assessing Board appointed by the “Enzo Ferrari” Department of Engineering will be made available on the website <https://www.unimore.it/bandi/StuLau-Avvisi.html> by 18/03/2024.

ELIGIBLE candidates will receive an e-mail to the address provided in the application, containing the instructions of the date and time (local) set for the individual interview in English, which shall take place via an institutional videoconference system from 25/03/2024, aimed at assessing the technical preparation required to attend the Master’s Degree Programme

Eligible candidates shall equip themselves with a computer suitable for holding a videoconference:

- Broad band Internet connection;
- Browser: Google Chrome (ver. 57.0.2 and higher);
- Audio system with speakers (or headphones) and microphone;
- Webcam;
- Operating System: Windows o Mac Os X

Further specifications will be detailed when the call for the videoconference is sent. A test environment will also be made available to verify the compliance with the standards and the correct operation.

Only those candidates with a working video device and providing the same ID attached to the application will be eligible for the interview.

The interview will deal with the following subjects:

- Fluid machinery
- Energy systems, power generation and internal combustion engines
- Thermal engineering and industrial energy systems
- Mechanical and thermal measurements
- Mechanics of Machines
- Mechanical design and machine construction
- Design methods for industrial engineering
- Manufacturing technology and systems
- Industrial mechanical plants
- Power electronic converters, electrical machines and drives
- Information processing systems
- Business and management engineering
- Electronics

SCORE TO BE DETERMINED TO GENERATE RANKING

Each interview will be assigned a score out of thirties, based on the results of the interview.

Interviews will take place between the 25 and the 28 of March 2024.

For organisational purposes, candidates will not be allowed to take the interview on a date and time different from those previously determined.

6. RANKING

For each course, a ranking will be drawn up based on both the results of the test and the requirements and knowledge for the admission, and the preferences indicated by the candidates in the application. It will be published by 04/04/2024 on the website <https://wss.unimore.it/public/albo> (search for the type: "Calls and Tenders" and the "Students" area) or <http://www.unimore.it/bandi/StuLau-grad2.html>. This will be displayed on the reserved area of the website after logging in with username and password provided upon submitting the application.

In the case that, at the end of the admission procedure other positions will result available, the ranking will be automatically updated (description at section 7).

The ranking will be drawn up with a score out of thirties. To be admitted, it is necessary to obtain a minimum grade of a 20/30.

ADMITTED candidates will be sent a letter confirming their eligibility for the enrolment, and they shall be responsible for forwarding it to the Italian Embassy/Consulate of their country of residence. The letter will also state that the candidate has passed the admission test to the master's degree programme.

Eligible candidates who have not yet been admitted will also be sent a communication stating their eligibility as they may be admitted later, when any vacant places are assigned again.

Tie ranking

In the event of equal scoring, the one obtained in the qualification required for the admission as in 2) of this call for application shall prevail in descending order.

In the event of a further tie, the youngest student shall prevail.

7. PRE-ENROLMENT OF CANDIDATES STILL LISTED IN THE RANKING

Admitted candidates are entitled to pre-enrol, and may do it from the ranking publication date and by **10/04/2024 at 3:00 p.m. (local time)** by accessing the website www.esse3.unimore.it and clicking on "Enrolment", following the instructions provided in the "Online enrolment" guide and available on <http://www.unimore.it/servizistudenti/guideesse3.html>

Before starting the procedure, make sure you have the following documents available in an electronic format:

- Passport photo;
- Double-sided copy of a valid ID;
- A self-declaration in which you confirm that you are not yet in possess of a permit of stay in Italy and that such document will be presented as soon as possible.

The preregistration procedure is made of two steps:

- a) filling out the online enrolment: candidates shall use the username and password received when registering to access the Reserved Area of the website to confirm the data entered at the time of submitting the application (www.esse3.unimore.it, select "Enrolment" after logging in). In section related to the permit of stay, you are required to attach the self-declaration mentioned in the previous paragraph.
- b) paying the university enrolment fee set for the programme, as indicated in the website www.unimore.it/ammissione/pagamenti.html from the website www.esse3.unimore.it. Click on "Login" and sign into your reserved area. Then click on "Taxes" and follow the guided procedure to view the due amount and access the PA pay circuit.

The payment of the expected amounts must be made only through the PagoPA circuit which allows online payment by choosing your Payment Service Provider - PSP. Upon payment, an email will be sent to the personal mailbox entered during registration, or to the University mailbox if already activated. From your personal page of Esse3, under "Taxes" it will be possible to print the payment receipt.

It should be noted that the amount of commissions may vary depending on the selected PSP.

Mind the deadlines

We inform you that the University CONSIDERS THE PAYMENT DATE AS STATED ON THE ONLINE PAYMENT RECEIPT (RT).

Payments whose receipt states a date after the payment deadline of the 10/04/2024 will not be accepted valid, regardless of whichever reason of the delay. According to the indications of AgID, Agency for Digital Italy, the payment transaction might be processed by "PSP" Payment Service Provider on the following day.

The initial payment of 159,05 euro shall be considered as a deposit/down payment of the enrolment fees to the study programme.

Non-EU candidates residing abroad should follow the procedures for the academic year 2024-25, as defined by Ministry of University and Research regarding the access to master's degree programs published on the page <http://www.studiare-in-italia.it/studentistranieri/>.

International students required to apply for a visa and residing abroad must apply for university pre-enrollment in the University portal (<https://www.university.it/index.php/registration/firststep>) by entering all the required information and qualifications necessary for the admission to the program.

Candidates must attach through the University:

- Passport copy
- ID photo

If available further documentations can be attached, such as:

- Original degree certificate and its translation
- Declaration of value issued by the Italian Embassy or Consulate in the country to which belongs the school/university that issued the qualification, or as an alternative, declarations of ENIC-NARIC centers, for example the certificate of comparability issued to the Information Center on Mobility and Academic Equivalences (CIMEA) - website www.cimea.it/it/index.aspx For more information, visit the website www.cimea.it/it/servizi/attestati-di-comparabilita-e-certificazione-dei-titoli/attestati-di-comparabilita-e-di-verifica-dei-titoli-diplome.aspx
- The list of exams taken in Italian or English
- Any language certificates of English language proficiency

It is suggested to contact, as soon as possible, the diplomatic-consular representations of reference to know the requirements and documentation necessary for issuing the visa.

Should the candidate fail to obtain the visa issued by the diplomatic or consular representations, the administration will refund the amount paid net of the money transfer fees.

After arriving in Italy, candidates shall go to the Registrar's Office of the "Enzo Ferrari" Department of Engineering at the address Via Campi 213/b in Modena. The office opening hours are available at the following link <http://www.unimore.it/servizistudenti/segreteriastudenti.html>

For enrolment, it is required to send in advance via email to the Student Secretariat at segrstud.ingegneria@unimore.it the following documents:

- Bachelor degree diploma, translated and legalised by the Italian Embassy/Consulate of the country where it was obtained;
- certification of university degree validity, issued by the Embassy/Consulate

- degree certificate with a list of exams, issued by the University in which the degree was obtained (it is also accepted in English, French, Spanish, German and Chinese) or, alternatively, the “diploma supplement”;
- international language certificates or statement of the home university, proving the required language skills;
- copy of the residence permit or alternatively a copy of the post office receipt, certifying the filing of the residence permit request.

8. ASSIGNMENT OF VACANT PLACES

If there are vacant places after the pre-enrolment procedure described in 7) has been completed, ELIGIBLE candidates will be immediately notified by the person in charge of the procedure, and will be provided with the instructions of the terms for pre-enrolment.

9. COSTS AND ALLOWANCES

Students with non-EU citizenship, whose family unit has income/assets exclusively abroad, will be able to take advantage of a subsidized fixed contribution system (FLAT TAX EXTRA UE) on the basis of an economic condition calculated by the University, based on the income defined taking into account the GDP (gross domestic product) PPA (at purchasing power parity) determined on the basis of each individual country of origin, and updated annually with World Bank data.

The university will organize information meetings dedicated to this topic for all students who have submitted their application on the University platform, the calendar of which will be published at the link <https://www.unimore.it/associazione/unimorewebinar.html>

International students residing abroad to request benefits (exemption from university fees, scholarship, accommodation in university residences, catering services and other benefits) are required to submit the application online by the end of August 2024. The online application can be submitted from the website www.er-go.it even before enrollment or before knowing the outcome of the admission application or visa issue.

The Benefits Notice, with all the rules that constitute a special law, will be published approximately from the beginning of July 2024.

Students are asked to pay attention to the deadlines. For further information and to check for any updates relating to the 2024-2025 academic year, please consult the website www.unimore.it/associazione/tasse.html

Failure to submit the online application will result in the payment of the total amount of university fees of approximately €2,200.00, divided into 4 instalments.

The above information is updated as of December 2023 and could be subject to updating/modification/integration on the basis of Resolutions of the Academic Bodies adopted following the issue of this notice, but which will be published and made known on the website www.unimore.it

10. PERSON IN CHARGE OF THE PROCEDURE

The person in charge of the procedure is Giuseppe Milano, who is responsible for the Registrar's Office. The office responsible is the Registrar's Office of the “E. Ferrari” Department of Engineering, ADVANCED AUTOMOTIVE ENGINEERING programme, tel. 059/2055637; fax: 059/2055648, e-mail: segrstud.ingegneria@unimore.it.

11. OFFICES AND REFERENCE LINKS

International foreign students may contact the International Welcome Desk of UNIMORE for assistance with administrative formalities such as:

- residence permit request
- tax code request
- opening of a current account
- health insurance
- transport facilitations
- access to the accommodation search and housing services
- accommodation certificate for the diplomatic representation

All students are invited to register on the www.isu-services.it/it/universities/universita-di-modena platform to book services.

Office addresses:

- Modena, Via S. Geminiano, 3. Opening hours: Mondays, Wednesdays and Fridays from 9:30am to 3:00pm
- Reggio Emilia, Via Allegri, 15 (Students services department) on Wednesdays every two weeks and depending on the specific requirements.

Email: internationalwelcomedesk@unimore.it Telephone: 059/2058171

For information on the call for applications contact the Registrar's Office of the "E.Ferrari" Department of Engineering, Via Campi 213/b 41125 - Modena tel. 059/2055640; fax: 059/2055648, e-mail: segrstud.ingegneria@unimore.it

The opening hours are available on <http://www.unimore.it/servizistudenti/segreteriastudenti.html>

For IT issues on the application/assessment or to retrieve the esse3 log on credentials please e-mail webhelp@unimore.it

Assistance service opening hours: Monday to Thursday from 9:00am to 5:00 pm and on Fridays from 9:00 am to 2:00 pm

For information on teaching (such as study programme, teachings, class timetables, reference professors) please contact the Teaching Office of the "E. Ferrari" Engineering Department, Via Pietro Vivarelli, 10 – 41125 - Modena www.ingmo.unimore.it. e-mail: didattica.dief@unimore.it.

Welcome Office for Disabled and Dyslexic Students

Tel. 059/2058311 - Fax 059/2058309 – e-mail: disabilita@unimore.it

Benefit online application e-mail servizi.studenti@unimore.it

Website for submitting the application for benefits www.er-go.it

For general inquiries about the Programme please visit www.aae.unimore.it or contact the **AAE communication office** at info.aae@unimore.it

For information on the study programmes, the assessment and enrolment procedures:

email: informastudenti@unimore.it

Tel. 059/2058255 and 0522/523555

The opening hours and locations are available on:

<http://www.orientamento.unimore.it/site/home/orientamento-allo-studio-e-tutorato/informastudenti.html>

The Registrar's Office and Informastudenti are closed from 12 to 16 August 2024.