



**UNIMORE**  
UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA

**TECHNOLOGIES AREA**  
**“Enzo Ferrari” Department of Engineering**

CALL FOR ADMISSIONS to the Inter-University International  
Master’s Degree Programme in

**ADVANCED AUTOMOTIVE ENGINEERING**  
(Class LM-33)  
run jointly with the universities of Bologna, Ferrara and Parma

with the support of:

**Automobili Lamborghini spa, Dallara Automobili spa, Ducati  
Motor Holding spa, Ferrari spa, Haas F1 Team, Magneti  
Marelli spa, Maserati spa, Scuderia Toro Rosso spa**

**RESERVED FOR FOREIGN/INTERNATIONAL STUDENTS REQUIRING AN  
ENTRY VISA FOR ITALY**

**Academic year 2017/2018**

The Programme is delivered entirely in the English language

## **1. SUBJECT**

At the University of Modena and Reggio Emilia, from 18/04/2017 to 18/05/2017 you may complete your application on-line for the Master’s Degree Programme in Advanced Automotive Engineering; the programme has six curricula:

- Advanced Motorcycle Engineering
- Advanced Powertrain – Bologna
- Advanced Powertrain – Modena
- Advanced Sportscar Manufacturing
- High Performance Car Design
- Racing Car Design

There are **12 places (2 places for each curriculum)** reserved for foreign/international students requiring an entry visa to Italy.

The curricula that take place at the universities of Bologna (BO), Modena and Reggio Emilia (MO) and Parma (PR), as depicted in the Figure below:

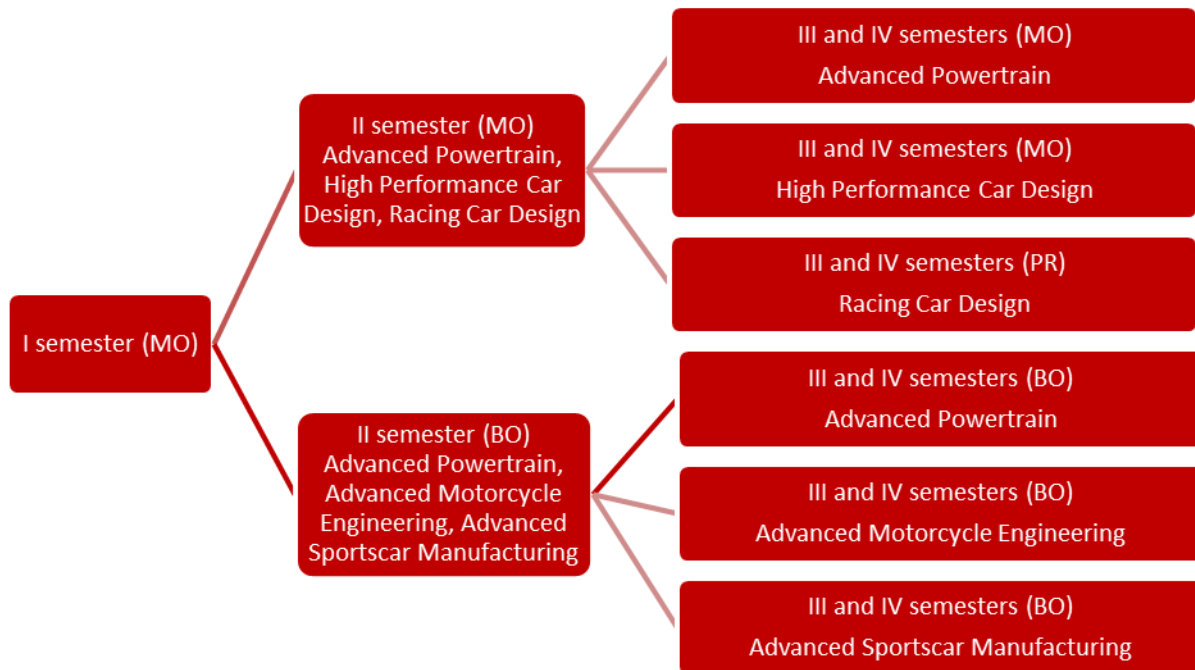


Figure 1: distribution of the curricula at the premises of the University of Bologna (BO), Modena and Reggio Emilia (MO), Parma (PR).

**If the places are not all filled they will be made available to candidates from Italy, the EU or foreign/international candidates already residing in Italy.**

**EU candidates or foreign/international candidates already regularly residing in Italy are considered equivalent to Italian candidates, and therefore for admission to the Master's Degree Programme in Advanced Automotive Engineering they must follow the procedure indicated in the specific call for applications reserved for them, which will shortly be published at the link <http://www.unimore.it/bandi/StuLau.html> .**

The degree programme coordinator is Prof. Francesco Leali

## 2. ADMISSION REQUIREMENTS

Admission to the Master's Degree Programme is subject to:

- **The possession of one of the following qualifications:**
  - Bachelor's Degree;
  - Three-year university diploma;
  - Master's Degree (Specialistica/Magistrale) under Italian Ministerial Decree DM 509/1999 or DM 270/2004;
  - Five-year university degree (prior to DM 509/1999)

with a minimum score of 95/110 or in any case not less than 86% of the maximum score available, for qualifications obtained abroad and deemed to be equivalent.

Applicants shall also demonstrate suitable knowledge and command of the general scientific methods and contents of basic sciences (mathematics, computing, statistics, physics and chemistry), as well as the basic engineering subjects in preparation for the core subjects of this degree programme.

- **Knowledge of the English language** to an appropriate level for using texts and following lessons and seminars in this language, **equivalent to at least level B2 of the Common European Framework of Reference** documented as follows:

- Certificates as shown in the link:

[http://www.clamore.unimore.it/downloads/page\\_attachments/0000/1203/tabella\\_certificazioni\\_febbraio\\_2017\\_inglese.pdf](http://www.clamore.unimore.it/downloads/page_attachments/0000/1203/tabella_certificazioni_febbraio_2017_inglese.pdf);

- University exams in English with contents equivalent to B2, documented by a statement of the certifying university;

- Origin from an English mother tongue country (foreign native English speakers are considered to be any foreign or Italian citizens who by family ties or linguistic experience have the ability to naturally express themselves in their native language).

**The possession of curricular requirements** required for admission will be assessed by an Admissions Board, which will analyse the submitted study curricula.

## 3. APPLICATION

Applications must be submitted exclusively on-line between 18 April 2017 and 18 May 2017 (deadline 3 p.m. local time), by accessing the website <http://www.esse3.unimore.it>

The procedure involves:

- Register on the Esse3 website. You will be asked for your personal data - date and place of birth, residence, domicile, telephone number and e-mail address. Once you have registered correctly, you will be provided with a user name and password (your personal credentials) required for the next steps. The credentials will be sent to your e-mail address.

- Log in and enter your credentials to access your personal page in Esse3.
- Select “Admissions” from the menu on the left and select the degree programme from the list.

**Each candidate may submit only one application, and MUST indicate the order of preference among the following six curricula:**

- Advanced Motorcycle Engineering
- Advanced Powertrain – Bologna
- Advanced Powertrain – Modena
- Advanced Sportscar Manufacturing
- High Performance Car Design
- Racing Car Design

**The order of preference indicated in the application is binding and, once finalised, MAY NOT be modified later.**

You must provide the data concerning the required qualifications for admission and annex the following documents:

1. Certificate of the qualification obtained and degree score, with an indication of the exams passed and grades, with a translation in English;
2. Detailed exam programmes: for each course unit, indicate the detailed programme for the exam passed, with a translation in English;
3. Certification of the maximum degree score awarded by the foreign university the qualification was obtained from, with a translation in English;
4. Language certification proving knowledge of English;
5. Name and e-mail address of the Embassy/Consulate where you submitted your pre-registration application for the university;
6. Copy of a valid ID document, which must be shown on the day of the interview held by video-conference.

**IMPORTANT:** only once the applicant has saved the data and explicitly confirmed the application by clicking on the field “explicit confirmation of validity of the application” will the application be considered effectively submitted. You will then be able to print your application.

Candidates will NOT be assessed by the Board unless the application has been explicitly confirmed.

If the annexed documents were wrongly or incompletely uploaded using the computerised procedure, following the “explicit confirmation of validity of the application”, candidates may send an e-mail to [segrstud.ingegneria@unimore.it](mailto:segrstud.ingegneria@unimore.it) enclosing a copy of a valid ID document, describing the problems encountered.

All candidates must pay a non-refundable administration fee of €55.00.

The fee must be paid NO LATER than 18/05/2017.

The payment must be made by credit card, on the website [www.esse3.unimore.it](http://www.esse3.unimore.it) in your personal page after logging in. From your personal page, follow the guided procedure in "Fees". For the university, the date of PAYMENT sent by the bank at which the payment was made shall constitute proof of payment.

## 4. SUPPORT FOR CANDIDATES WITH DISABILITIES

Pursuant to Italian Law no. 104 of 5 February 1992 and amendments, candidates with disabilities who wish to apply for aids and/or compensatory measures for sitting the entrance tests must submit to the Disabled and Special Needs Student Support Office any appropriate medical certification and the specific application form, which can be found on the website [www.asd.unimore.it](http://www.asd.unimore.it), no later than 18/05/2017.

Candidates with hearing disabilities may sit the interview by video-conference, using alternative methods (chat).

Based on the documentation submitted, the Vice-Rector for Disabilities, in agreement with the Admissions Board, shall decide on the methods and any additional time granted for the entrance tests.

Candidates must apply on the website [www.esse3.unimore.it](http://www.esse3.unimore.it) when completing the on-line admissions application form.

The application and documentation must be submitted to the Disabled and Special Needs Student Support Office no later than 18/05/2017 by e-mail to [disabilita@unimore.it](mailto:disabilita@unimore.it);

## 5. RESULTS OF THE ADMISSIONS APPLICATION ASSESSMENT

No later than 08/06/2017 the results of the admissions application assessment by the Admissions Board appointed by the "Enzo Ferrari" Engineering Department will be published on the web address <http://www.unimore.it/bandi/StuLau-esiti.html>

ACCEPTED candidates will be sent an e-mail to the personal address entered when submitting their application, notifying them of the date, from 19/06/2017, and (local) time of their individual interview, held in English via an institutional video-conferencing system, to check their technical preparation for undertaking the Master's degree programme.

Candidates accepted for interview must equip themselves for the video-conference:

- Broadband Internet connection;
- Browser: Google Chrome (ver. 57.0.2 or later);
- Audio system with speakers (or headphones) and microphone;
- Webcam;
- Operating system: Windows or Mac Os X

Further details will be provided in the interview notice. A test environment will also be made available to check compliance of standards and correct functioning.

Candidates will be admitted for interview only if their video device is correctly functioning and after showing the ID document enclosed with their application.

Interviews will cover the following topics:

- 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

SCORES ALLOCATED for the ranking list.

Each interview will be assigned a score out of 30 based on the results of the interview.

**The interviews will be completed by 4 July 2017.**

For organisational reasons it will not be possible to hold the interview on a day or time other than that notified to the candidate.

## 6. RANKING LIST

The ranking list will be composed considering both the results of the admissions application assessment and the order of preference indicated during the application.

The ranking list of each curriculum will be published by 10/07/2017 on the website

<http://www.unimore.it/bandi/StuLau-Lau2.html>

Each candidate will be ranked in just one curriculum. In the case where, at the end of the registration procedure (described in Section 7), positions resulted available, the ranking list will be automatically updated.

This can be viewed by accessing the Esse3 computer system using the personal credentials issued. **The ranking list will be expressed out of 30.**

ADMITTED candidates will be sent a letter of invitation which must be sent by them to the Italian Embassy/Consulate in their country of residence, stating that they have passed the admission test to the Master's degree programme.

The letter will also be sent to the Diplomatic Representations by the University having received the list of pre-registrations to the programme.

Accepted candidates but who are not initially admitted, will in any case be sent a letter indicating that they have been accepted and that they may subsequently be allocated a place following the re-allocation of any empty places.

#### **Distinction based on ex aequo**

In the event of equal scores, in decreasing order, the score obtained in the qualification required for admission, as indicated in point 2) of this call for admissions, shall prevail.

In the event of equal scores in this case too, the younger candidate shall prevail.

## **7. REGISTRATION OF CANDIDATES AWARDED A PLACE IN THE RANKING LIST**

The **admitted candidates** have the right to register for the programme. They must register following the date of publication of the ranking list and **no later than 1 pm (local time) on 14 July 2017** at the website [www.esse3.unimore.it](http://www.esse3.unimore.it) in section "Registration", following the methods described in the "On-line registration" guide which can be consulted at <http://www.unimore.it/servizistudenti/guideesse3.html>

Before starting the procedure, you must obtain digital copies of:

- Passport photo;
- Front and rear photocopy of a valid identification document;

The registration procedure consists of two steps:

- a) completion of the application for registration on-line: with the User Name and password assigned during registration, candidates must access the reserved area of the website to confirm the data already entered when submitting the application for admission ([www.esse3.unimore.it](http://www.esse3.unimore.it), after the login select "Registration").
- b) payment of the university fee registration for non-EU students resident abroad, as described in section 9. The payment must be made by credit card, on the website [www.esse3.unimore.it](http://www.esse3.unimore.it) in your personal page after logging in. From your personal page, follow the guided procedure in "Fees". For the university, the date of PAYMENT sent by the bank at which the payment was made shall constitute proof of payment.

Once in Italy, the candidates must go to the student administration office of the "Enzo Ferrari" Engineering Department in Via Campi, 213/b, Modena. The opening times of the offices can be found at the link <http://www.unimore.it/servizistudenti/segreteriastudenti.html> for the issue of the badge, submitting the following documents:

- degree diploma, translated and legalised by the Italian Embassy/Consulate in the country in which your qualification was obtained;
- declaration of value for your degree diploma, issued by the embassy/consulate;
- degree certificate, issued by the university where you graduated (acceptable in English, French, Spanish, German or Chinese) or, alternatively, your "diploma supplement";
- international language certification or declaration by your home university certifying the required language competences;
- copy of your residence permit or, alternatively, a copy of the receipt issued by the post office confirming that the application for your residence permit has been made.

## 8. ALLOCATION OF EMPTY PLACES

If having concluded the registration procedure described in point 7), there are any empty places, the ACCEPTED candidates will promptly be notified by the Procedure Manager, with an indication of the timing and methods for proceeding with registration.

## 9. COSTS AND FINANCIAL SUPPORT

The university fee registration to the programme for non-EU students resident abroad is EUR 156.00. Students must submit documentation demonstrating the income of their family group in order to determine the exact amount of the fees. Remember that you must obtain the documents certifying your financial situation, given in the link <https://www.er-go.it/index.php?id=6620>, which must be translated and legalised. Students not submitting this documentation shall be required to pay the full fees, which are set at approximately EUR 2,200.

The on-line request for determining the university fees, any study grant, a place in the university residences, catering services and other financial support may also be submitted prior to registering for the programme. To obtain any financial support, you must apply on-line on the website [www.er-go.it](http://www.er-go.it), no later than the deadline indicated in the Call for Benefit Applications, which indicatively is published in mid-July 2017. Warning: check the various deadlines!

For more information, please consult the page <http://www.er-go.it/index.php?id=5963>

To check for updates for academic year 2017/18 please consult the website <http://www.unimore.it/ammissione/tasse.html>

## 10. PROCEDURE MANAGER

The Procedure Manager is Giuseppe Milano, head of Student Administration. The office in charge is the Student Administration office of the "E. Ferrari" Department of Engineering, Master's Degree Programme in ADVANCED AUTOMOTIVE ENGINEERING tel. +39 059/2055637; fax: +39 059/2055648, e-mail: [segrstud.ingegneria@unimore.it](mailto:segrstud.ingegneria@unimore.it).



## 11. OFFICES AND LINKS

### Services for International Students

International Welcome Desk (IDW) offers a wide variety of services and to international students at Modena and Reggio Emilia University. The IDW staff provides assistance concerning:

- Immigration and Visa procedures
- Permit to stay
- Tax Identification number
- Bank Account opening
- Purchase of Health Insurance
- Support for transport
- Access to accommodation service and monitoring of contracts
- Accommodation certificates for Italian Diplomatic Representation

Please register at the following link

[www.isu-services.it/it/universities/universita-di-modena](http://www.isu-services.it/it/universities/universita-di-modena)

to receive customized assistance that will meet your needs and requirements.

### International Welcome Desk Opening time:

Modena

San Geminiano 3 – 41121, Modena

Monday, Wednesday and Friday 9.30-15.00

Email: [internationalwelcomedesk@unimore.it](mailto:internationalwelcomedesk@unimore.it) tel.: +39 059 2058171

**For information on the degree programmes, assessment and registration procedure** contact:

**Informastudenti:** e-mail: [informastudenti@unimore.it](mailto:informastudenti@unimore.it)

Modena:

- Via Università, 4 - ground floor tel. +39 059 205 8255

Via Campi 213/B ground floor tel. +39 059 205 8255 open from 5 June to 30 October 2017.

Reggio Emilia:

- Viale A. Allegri, 15 - ground floor - tel. +39 0522 52 355

For opening hours consult the link <http://www.orientamento.unimore.it/site/home/orientamento-allo-studio-e-tutorato.html>

**For information on the call for admissions** contact the Student Administration Office of the “E. Ferrari” Engineering Department, Via Campi 213/b 41125 - Modena tel. +39 059/2055640; fax: +39 059/2055648, e-mail: [segrstud.ingegneria@unimore.it](mailto:segrstud.ingegneria@unimore.it)

For opening hours, consult the link <http://www.unimore.it/servizistudenti/segreteriestudenti.html>

**For technical problems** concerning your application or to recover your credentials for access to ESSE3 write to [webhelp@unimore.it](mailto:webhelp@unimore.it)

The service is open from Monday to Thursday from 9.00 a.m. to 5 p.m. and Friday from 9.00 a.m. to 2.00 p.m.

**Per information on teaching (for example: study plan, course units, lesson timetables, teachers)**

contact the Student Administration Office at the “E. Ferrari” Engineering Department, Via Pietro Vivarelli, 10 – 41125 - Modena [www.ingmo.unimore.it](http://www.ingmo.unimore.it). e-mail: [tutor.dief@unimore.it](mailto:tutor.dief@unimore.it).

### Services for Disabled and Dyslexic Students

Tel. +39 059 2058311 - Fax +39 059 2058309 – e-mail: [disabilita@unimore.it](mailto:disabilita@unimore.it)

**On-line application for benefits** and other financial support, write to [servizi.studenti@unimore.it](mailto:servizi.studenti@unimore.it)

Website for benefit applications [www.er-go.it](http://www.er-go.it).

**The Student Administration office and Informastudenti are closed to the public from 14 to 20 August 2017.**