



**THE
MOTORVEHICLE
UNIVERSITY
THAT DRIVES
YOU INTO
THE FUTURE.**

WHO IS MUNER

It's the result of a **synergetic connection between 4 Italian Universities**, which are synonymous with advanced training, **and the Motor Companies that represent the excellence of Made in Italy in the world** - historically rooted into the Emilia-Romagna Motor Valley - **with the support of the Regional Government.**

Together they designed the **9 high-level careers in Automotive Engineering of the future.**

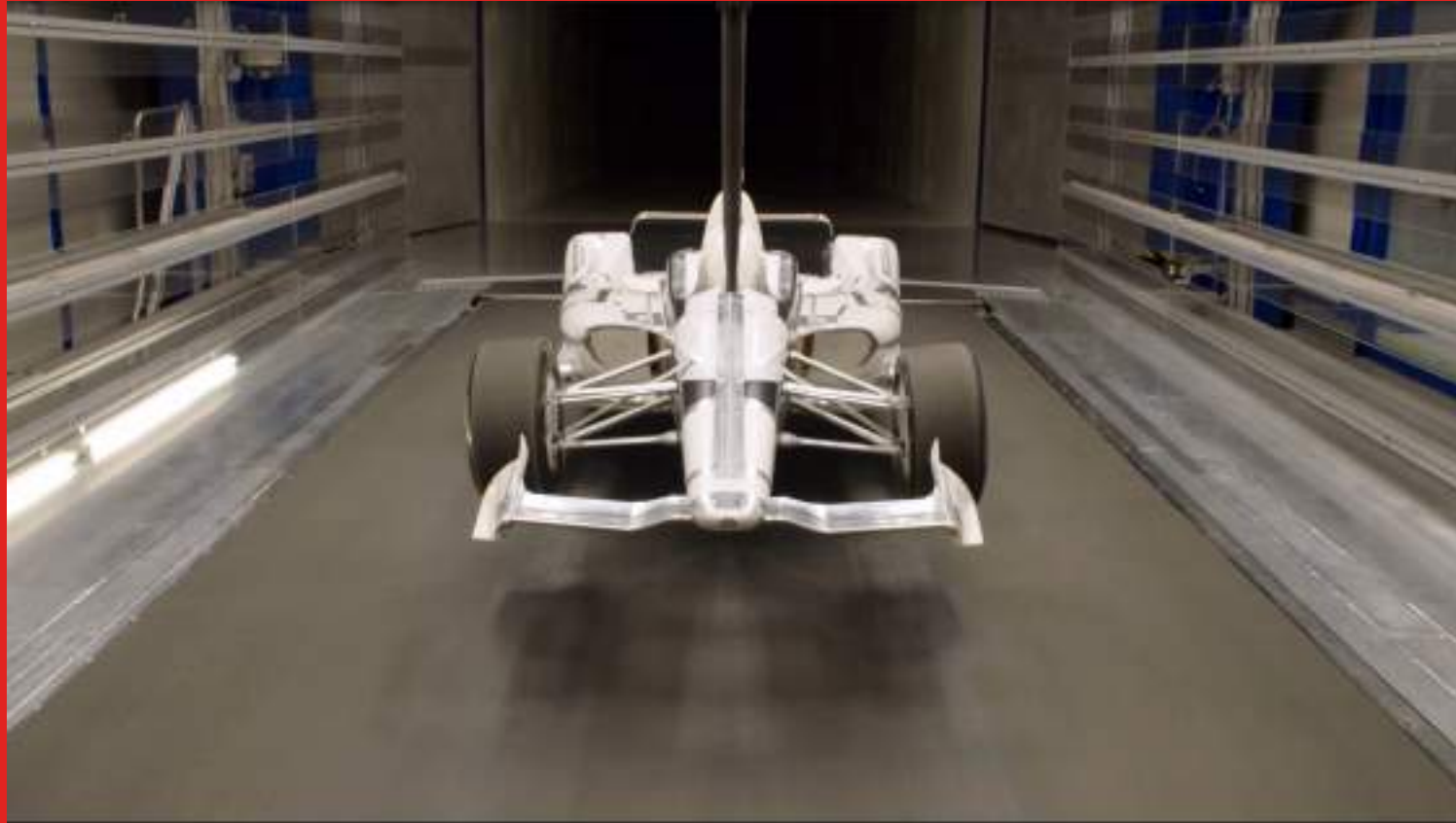
FOUNDING PARTNERS



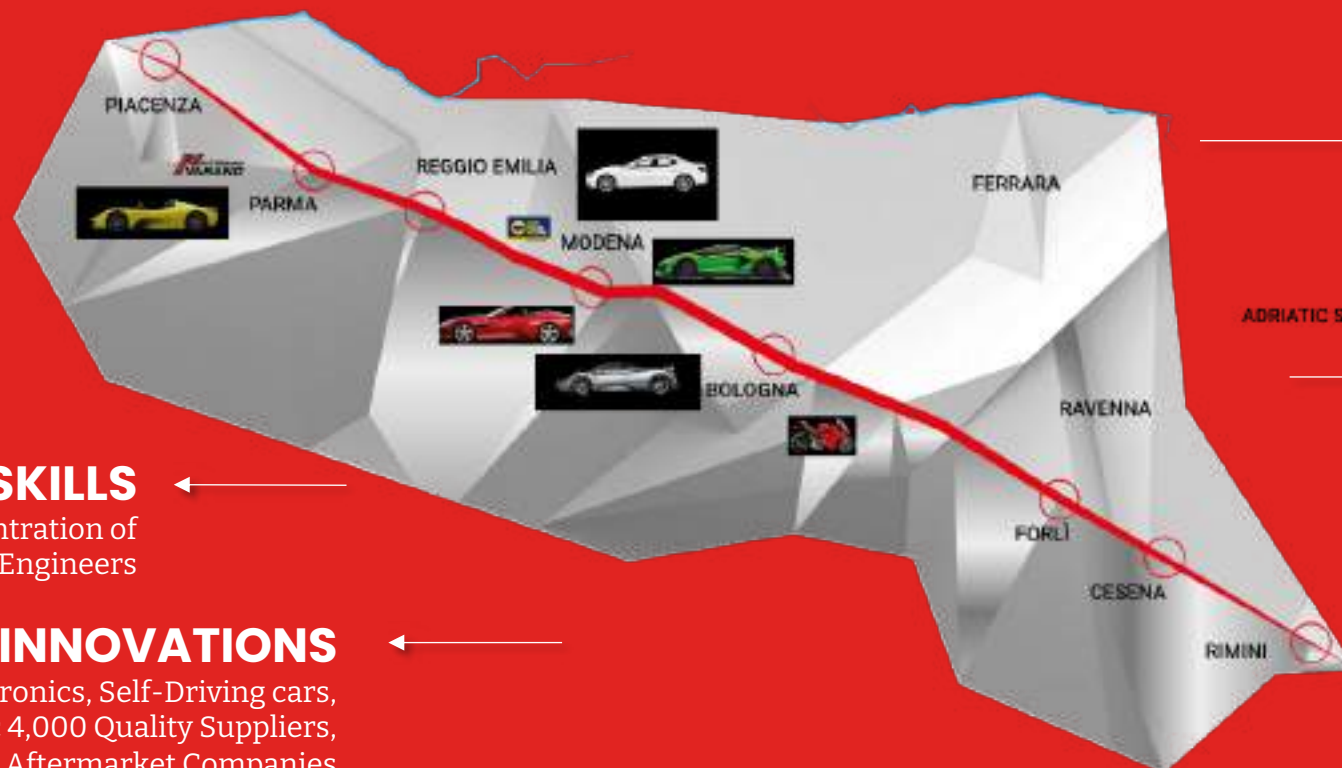
REGULAR PARTNERS



MUNER official Video 2024



EMILIA ROMAGNA MOTOR VALLEY



SKILLS

High Concentration of
Mechanical Engineers

INNOVATIONS

Mechatronics, Self-Driving cars,
Electric 4,000 Quality Suppliers,
Startups, Aftermarket Companies

TOP AUTOMOTIVE COMPANIES

Automobili Lamborghini, Dallara, Ducati,
Ferrari, HPE Coxa, Maserati, Magneti Marelli,
Pagani Automobili, Scuderia AlphaTauri

TOTAL VALUE ADDED

€ 146 BLNS
(10% Of Italian GNP)

HUMAN CAPITAL

Enrolled Students: about 150.000
Foreign Enrolled Students: about 11.000

MUSEUMS

Ducati Museum, Ferrari Maranello Museum,
Enzo Ferrari Museum, Lamborghini Museum,
Ferruccio Lamborghini Museum, Horacio
Pagani Museum

4 UNIVERSITIES



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



Università
degli Studi
di Ferrara



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA



UNIVERSITÀ
DI PARMA

18 TOP BRANDS



dallara



HPEGROUP



PAGANI



MAHLE



Sponsoring



Engineering-focused scholarships for underrepresented students



MOTORVEHICLE
UNIVERSITY OF
EMILIA-ROMAGNA

9 HIGHLY SPECIALIZED PROFESSIONAL PROFILES

EEIV – Autonomous Driving Engineering

EEIV – Electronic and Communication System

EVE - Electric Vehicle Engineering

AAE - High Performance Car Design

AAE - Racing Car Design

AAE - Advanced Motorcycle Engineering

AAE - Advanced Sportscar Manufacturing

AAE - Advanced Powertrain

AAE – Off-highway Vehicle Engineering

NEW

OUR MASTER'S DEGREES



ELECTRIC
VEHICLE
ENGINEERING



ADVANCED
POWERTRAIN



HIGH PERFORMANCE
CAR DESIGN



ELECTRONIC AND
COMMUNICATION
SYSTEMS



ADVANCED
MOTORCYCLE
ENGINEERING



RACING CAR
DESIGN



AUTONOMOUS
DRIVING
ENGINEERING



ADVANCED
SPORTSCAR
MANUFACTURING



OFF-HIGHWAY
VEHICLE ENGINEERING

FACTS AND FIGURES

OUR STUDENTS:

- **210 places offered in 2023/2024**
- **Over 1000 contacts for admission**
- **80% of students graduated on time**
- **80% of students graduated with honors**
- **95% of students employed one year after graduation**
- **70% of students employed by MUNER affiliates**

OUR SUMMER & WINTER SCHOOLS

S&W SCHOOLS

WOMEN IN TRANSPORT

S&W SCHOOLS

FUTURE OF
AUTOMOTIVE FOR
INTELLIGENT MOBILITY

S&W SCHOOLS

OFF-HIGHWAY
VEHICLE DESIGN

S&W SCHOOLS

ITALIAN MOTOR VALLEY
EXPERIENCE

S&W SCHOOLS

INTERNATIONAL SUMMER
SCHOOL IN INDUSTRIAL
ENGINEERING FOR
ADVANCED AUTOMOTIVE



MOTORVEHICLE
UNIVERSITY OF
EMILIA-ROMAGNA



MOTORVEHICLE
UNIVERSITY OF
EMILIA-ROMAGNA

S&W SCHOOLS

WOMEN IN TRANSPORT

TARGET

Young female students from Europe (both EU and non-EU) who have obtained/are enrolled in a bachelor's degree in engineering.

DURATION

2 WEEKS

The Summer School – Women in Transport offers a full immersion experience in the automotive world with the aim of raising awareness among young women and bringing them closer to the transport sector, overcoming gender stereotypes. The initiative also offers incoming orientation activities for the Masters Courses offered by MUNER.

The program is integrated with practical experiences of the history and innovation of the Italian automotive sector, as well as local beauty and culture.



HIGHLIGHTS

PLACES: 20 students

TARGET: Young female students from Europe (both EU and non-EU) who have obtained/are enrolled in a bachelor's degree in engineering.

WHEN: June 30 - July 12, 2024

WHERE: Modena, hosted by the Department of Engineering Enzo Ferrari, University of Modena and Reggio Emilia (UNIMORE), Italy

INFO: wit@motorvehicleuniversity.com





ACADEMIC LECTURES

TOPICS

- Engine R&D on hybridization and alternative fuels
- CAD modelling of an automotive part
- Electrical machines for greener transportation
- Additive Manufacturing
- Structural analysis: theory and experiment
- Hands on hydraulic components for off highway vehicles

HANDS-ON ACTIVITIES

- Exclusive activities with the MUNER partner companies, usually 4 per year: half-day or full-day comprising visits to production sites, visits to museums, seminars given by engineers
- Robotics lab
- Activities in collaboration with Formula SAE
- Final round table «Diversity and Inclusion»

CULTURAL ACTIVITIES

- Visit to Casa Maria Luigia in Modena



ORGANIZATION OF THE TWO WEEK

- Accommodation is at Hotel Libertà, in the heart of Modena City Centre.
- Students are scheduled to arrive on Sunday, one day before the activity begins.

ALL THE DETAILS OF THE PROGRAM ORGANIZATION WILL BE SENT TO THE SELECTED STUDENTS BY E-MAIL ONE MONTH BEFORE THE SCHOOL STARTS.

DAILY ORGANIZATION

- Students will arrive at the Department of Engineering Enzo Ferrari each day by public bus (not included in the fee)
- Activities begin at 9AM and end at 6PM, with a one-hour lunch break. Schedule may vary depending on specific activities of the day.

Special days:

- **Transportation to and from the locations of the partner companies is included in the fee and will be provided by shuttle buses organized by MUNER.**

S&W SCHOOLS

WOMEN IN TRANSPORT



Hotel Libertà, Modena



Modena City Center



Department of Engineering Enzo Ferrari

FEE

€ 600 /student

WHAT IS INCLUDED?

- Accommodation in Modena city center
- Academic and cultural activities as scheduled in the final program
- Transportation to and from partner companies for scheduled visits
- Final roundtable and Cocktail Reception
- Accident insurance

WHAT IS NOT INCLUDED?

- Flights and any personal transfers
- Meals and public buses
- Any personal expenses.

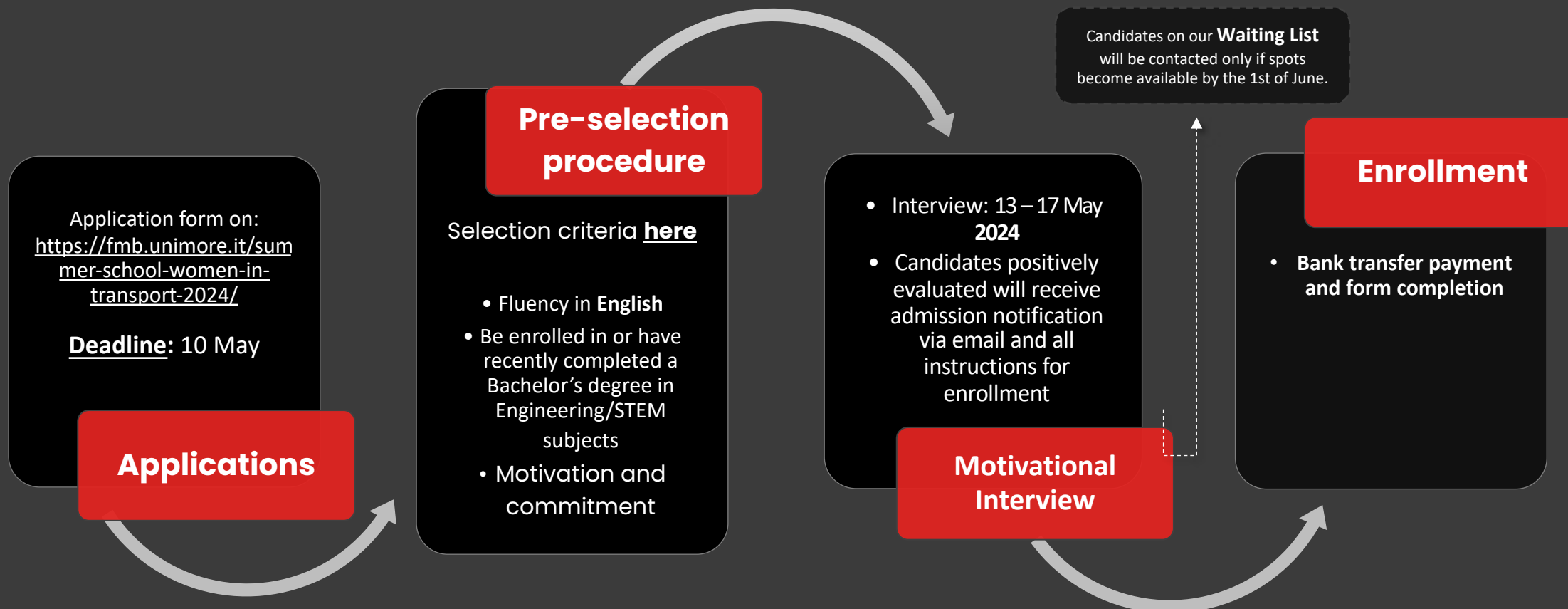
ONLINE APPLICATION

Apply here <https://fmb.unimore.it/summer-school-women-in-transport-2024/>

Tips:

- Provide the information requested, including contact and personal information.
- In the CV, highlight both your grades and any extracurricular STEM activities.
- In your cover letter, emphasize your passion for the automotive world and why you chose to apply to this program.

STEP TO GET STARTED



CONTACTS

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www.motorvehicleuniversity.com



S&W SCHOOLS

WOMEN IN TRANSPORT



Q&A