



**Politecnico
di Torino**

ELENA MARIA BARALIS
Prettore

Bando di concorso per
l'ammissione al Master Universitario di II livello in esercizio di Apprendistato di Alta Formazione e di
Ricerca in "Smart Commercial Vehicles for Sustainable Mobility"
a.a. 2025/26 (Terza edizione)

IL RETTORE

- Visto lo Statuto del Politecnico di Torino emanato con D.R. 774 del 17 luglio 2019;
- vista l'istituzione, nello Statuto del Politecnico di Torino, della Scuola di Master e Formazione Permanente;
- visto il Regolamento della Scuola di Master e Formazione Permanente emanato con D.R. n. 1136 del 6 novembre 2023;
- tenuto conto di quanto previsto all'art. 3 del D.M. 270 del 22 ottobre 2004 e s.m.i.;
- vista l'attivazione da parte del Comitato Esecutivo nella seduta del 18 giugno 2025 del Master Universitario di II livello in esercizio di Apprendistato di Alta Formazione e di Ricerca in "Smart Commercial Vehicles for Sustainable Mobility" per l'a.a. 2025/26;
- tenuto conto che l'azienda Iveco Group S.p.A. ha manifestato l'intenzione di entrare a far parte della partnership per la realizzazione del Master in oggetto, garantendo l'assunzione di un massimo di 15 apprendisti in avvio di percorso nell'ambito delle aziende del Gruppo;
- visto il bando di finanziamento della Regione Piemonte "Apprendistato di Alta Formazione e di Ricerca (Art. 45 - D. Lgs. n. 81/2015) – Avviso Pubblico 2022 – 2024" e s.m.i., per l'individuazione e la gestione dell'offerta formativa pubblica ai sensi della Deliberazione della Giunta regionale n. 4-4372 del 22/12/2021, approvato con Deliberazione n. 114 del 3 marzo 2022;
- considerata la volontà della partnership di presentare domanda di finanziamento in risposta al suddetto Bando per il Master di II livello in "Smart Commercial Vehicles for Sustainable Mobility" per l'anno accademico 2025/26;
- preso atto della procedura selettiva definita dall'impresa partner per l'assunzione degli apprendisti;
- considerato che le candidature pervenute saranno esaminate dall'Ufficio Master e Formazione Permanente per la verifica del rispetto dei requisiti di ammissione al Master previsti all'interno del bando;



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- tenuto conto che l'ammissione di eventuali studenti in possesso di titoli di studio diversi da quelli indicati nel bando, e/o con titolo di studio conseguito all'estero, sarà affidata ad un'apposita Commissione che ne valuterà l'idoneità, secondo quanto indicato nel bando;
- considerato che le candidature che risulteranno idonee in funzione dei requisiti di ammissione e della completezza della documentazione obbligatoria richiesta, saranno successivamente messe a disposizione dell'azienda partner perché possa dare avvio alla procedura selettiva ad opera dell'impresa;
- tenuto conto che l'impresa partner provvederà direttamente alla selezione delle candidature, riservandosi la possibilità di effettuare colloqui finalizzati all'inserimento in azienda (ex art. 45 D. Lgs 81/2015) esclusivamente ai candidati con profili ritenuti più adatti alle esigenze specifiche di inserimento nel proprio organico, sulla base delle proprie policy di assunzione;
- preso atto che, in seguito alla conclusione del processo di selezione effettuato dall'impresa partner, quest'ultima trasmetterà al Politecnico di Torino l'elenco dei selezionati, che saranno ammessi a partecipare al Master, oltre all'elenco degli eventuali idonei al subentro;
- vista l'obbligatorietà, prevista dal suddetto bando, dell'assunzione dei partecipanti al master da parte dell'impresa partner ai sensi dell'Art. 45 del D. Lgs. n. 81/2015

DECRETA

l'emanazione del bando per l'ammissione al Master Universitario di II livello in esercizio di Apprendistato di Alta Formazione e di Ricerca in "Smart Commercial Vehicles for Sustainable Mobility" a.a. 2025/2026.

Il testo del bando, contenente il regolamento del concorso, è allegato al presente Decreto (allegato "A").

Torino,

IL PRORETTORE
(Prof. ELENA MARIA BARALIS)



Politecnico
di Torino



Call for applications
for the 2nd level Specializing Master's programme in
“Smart Commercial Vehicles for Sustainable Mobility”

Academic Year 2025/2026
(Annex “A”- Rector's Decree)

Art.1 (Programme overview)

The 2nd level Specializing Master's programme in "Smart Commercial Vehicles for Sustainable Mobility" is offered by Politecnico di Torino for academic year 2025/2026. The Programme Coordinator is Ezio Spessa, professor at the Department of Energy (DENERG) of Politecnico di Torino.

The duration of this 2nd level Specializing Master's programme, in its 3rd edition, is 2 years for a total of 60 ECTS.

In the wake of the success and enthusiasm of previous editions, the 2nd level specializing Master's in "Smart Commercial Vehicles for Sustainable Mobility" aims at providing training for young graduate apprentices who will be hired by Iveco Group. The 2nd level Specializing Master's programme will develop skills for the use of innovative technologies in the automotive sector, with particular focus on the electric and hybrid propulsion, on the use of 'carbon-neutral' solutions based on renewable fuels, and on connected vehicles, digital mobility, and onboard vehicle electronics, including the areas of simulation and virtual validation.

The Departments of Energy (DENERG), Mechanical and Aerospace Engineering (DIMEAS), Electronics and Telecommunications (DET), and Control and Computer Engineering (DAUIN) are the main Politecnico di Torino departments that will contribute to the implementation of this programme. The inter-departmental centers CARS@polito (Center for Automotive Research and Sustainable mobility, <http://www.cars.polito.it/>), PEIC (Power Electronics Innovation Center, <http://www.peic.polito.it/>) and SmartData@Polito (Big Data and Data Science Laboratory, <https://smartdata.polito.it/>) are also involved in this programme, as the innovation environments where breakthrough research and cross-disciplinary and cross-sectorial education are developed and technological transfer is fostered.

Art. 2 (Training objective, didactic contents and organization of the activities)

This 2nd level Specializing Master's programme is an experiential learning path which combines educational activities at Politecnico and on-the-job training at the companies' premises.

The 2nd level Specializing Master's programme is organized as follows:

- 400 hours: training activities at Politecnico di Torino (classroom – laboratory – lecture – business case)
- 525 hours: Training on the job Project Work
- 210 hours: Training activities at Iveco
- 365 hours: self-learning activities

Table n.1 – Organization of the courses

COURSE	Training activities	Training activities (hours)		
	ECTS	Politecnico	Iveco	Self-learning
Propulsion systems, Control, and Mechanics for the sustainable mobility	4	40	20	40

Chassis Design and Software Integration for Autonomous and Software-Defined Vehicles	4	40	20	40
Electrified propulsion solutions and energy storage systems	7	70	40	65
Carbon-neutral powertrains for sustainable logistics	7	70	40	65
Smart Electronics and control architectures for the CVs of the future	7	70	40	65
Connected Vehicles: Intelligent Transport Systems and Inter-Vehicular Networks and Over The Air techniques	3	35	15	25
Virtual design of electrified vehicles	3	35	15	25
Data-Driven Innovation: Artificial Intelligence and Big Data	2	20	10	20
Integrating Model-Based Systems Engineering in Smart Vehicle Design	2	20	10	20
Project Work	21	0	525	
TOTAL	60	400	735	365

The 2nd level Specializing Master's programme will start on February 2026 and will last 2 years. The official language of the programme is English.

More information on the learning objectives, programme contents and possible career opportunities is available on the website of the 2nd level Specializing Master's programme in "Smart Commercial Vehicles for Sustainable Mobility": <https://www.polito.it/en/education/specializing-master-s-programmes-and-lifelong-learning/specializing-master-s-programmes/specializing-master-s-catalogue/smart-commercial-vehicles-for-sustainable-mobility>

Art. 3 (Admission requirements)

The 2nd level Specializing Master's programme in "Smart Commercial Vehicles for Sustainable Mobility" is intended for graduates who have to meet the following compulsory requirements:

- to be under the age of 30 on the date of recruitment;
- to have been awarded a full degree (Masters degree / Laurea magistrale) in one of the following areas of study within the deadline for enrolment in the 2nd level Specializing Master's programme:
 - LM-20 (Aerospacial and Astronautic Engineering)
 - LM-25 (Automation Engineering)
 - LM-27 (Telecommunications Engineering)
 - LM-28 (Electrical Engineering)
 - LM-29 (Electronic Engineering)
 - LM-30 (Energy and Nuclear Engineering)

- LM-31 (Management Engineering)
- LM-32 (Computer Systems Engineering)
- LM-33 (Mechanical Engineering)
- LM-53 (Materials Engineering)
- Good knowledge of the English language (equivalent to level B2 CEFR) which can be certified by a language certificate included in the list of the accepted certificates (Table n. 2 – English Language certificates).

Table n.2 – English language certificates

EXAMINATION BOARD	CERTIFICATE	MINIMUM REQUIREMENTS
IELTS www.ielts.org	IELTS Academic	5.5
	IELTS General Training	
	IELTS Indicator	
	IELTS Academic Online	
PEARSON https://pearsonpte.com/	Pearson Test of English Academic	59
ETS www.ets.org	TOEFL iBT	≥72
	TOEFL iBT Home Edition	
	TOEFL iBT Paper Edition	
	TOEIC	Listening: 400 Reading: 385
	TOEIC on line	Speaking: 160 Writing: 150
Cambridge Assessment English https://www.cambridgeenglish.org/ formerly known as: <u>Cambridge English Language Assessment</u>	All certificates*	Cambridge English Scale score ≥160
	Cambridge English: PRELIMINARY (PET) obtained before 2016	Pass with Distinction (≥90) Statement of Results is required
	Cambridge English: FIRST (FCE) obtained before January 2015	≥60 Statement of Results is required

	Cambridge English ADVANCED/CAE obtained before 2015	Any score
	Cambridge English: PROFICIENCY/CPE obtained before January 2015	Any score

In alternative to one of the above-listed certificates you can provide, within the deadline for applications, a stamped declaration/certificate on headed paper, certifying that:

- you have attended at least one school year at a high school in which the medium of instruction is English. In this case the school must issue a certificate stating that: "The medium of instruction is English";
- you hold a foreign high school diploma recognized by the Italian Ministry of Education and Research as equivalent to the Italian high school diploma (diploma di maturità), or you have a higher qualification awarded by a higher education institution in which the medium of instruction is English. In both cases the school must issue a certificate stating that: "The medium of instruction is English".

With regard to points "a" and "b", please note that diplomas awarded by high schools in the USA, UK, Canada, Ireland, Australia and New Zealand do not need to include the phrase "The medium of instruction is English".

If you do not hold any of the required English language certificates, the Partner Company will assess your level of knowledge of the English language at step 2 of the selection process "Phone Screening with Human Resources" in accordance with the "Selection Process" published on the programme website <https://www.polito.it/en/education/specializing-master-s-programmes-and-lifelong-learning/specializing-master-s-programmes/specializing-master-s-catalogue/smart-commercial-vehicles-for-sustainable-mobility/selections>

The Specializing Master's Programmes and Lifelong Learning Office will examine the documentation received within the deadline. Only non-Italian university degrees will be evaluated by a specific board chaired by the Programme Coordinator of the 2nd level Specializing Master's programme in "Smart Commercial Vehicles for Sustainable Mobility". The partner company will evaluate only the candidates who meet the above-mentioned compulsory requirements.

The person responsible for the administrative procedure is Mr. Alberto Pusceddu (Head of the Specializing Master's Programmes and Lifelong Learning Service).

Art. 4 (Partner company selection process)

The partner company will evaluate the applications which meet the compulsory requirements (Art. 3 "Admission requirements"), and reserve the right to contact only the candidates who meet their internal selection criteria. The selected candidates will be hired by the partner company within the meaning of ex-art. 45 of D. Lgs 81/2015.

A good knowledge of the English language is considered an essential prerequisite for the final selection. The level of English (equivalent to level B2 CEFR) can be certified by a language certificate included in the list of the accepted certificates (Art. 3 Table n. 2 – English Language certificates). If you do not have any English language certificate your level of English will be assessed by the Partner Company during step 2 of the selection process “Phone Screening with Human Resources” as published on the programme website at <https://www.polito.it/en/education/specializing-master-s-programmes-and-lifelong-learning/specializing-master-s-programmes/specializing-master-s-catalogue/smart-commercial-vehicles-for-sustainable-mobility/selections>

This criterion ensures that participants can effectively engage with the program's curriculum.

During the entire application period the partner company can contact the applicants who satisfy both the compulsory requirements (Art. 3 “Admission requirements”) and the corporate selection criteria. For further information on the selection process refer to the website of the 2nd level Specializing Master’s programme in “Smart Commercial Vehicles for Sustainable Mobility”: <https://www.polito.it/en/education/specializing-master-s-programmes-and-lifelong-learning/specializing-master-s-programmes/specializing-master-s-catalogue/smart-commercial-vehicles-for-sustainable-mobility/selections>

Art. 5 (Admissions and deadlines)

Applications for this 2nd level Specializing Master’s programme must be submitted on-line by filling out the Admission Request Form available on Politecnico di Torino website (Apply@polito) at the following link: <https://www.polito.it/en/education/specializing-master-s-programmes-and-lifelong-learning/specializing-master-s-programmes/specializing-master-s-catalogue/smart-commercial-vehicles-for-sustainable-mobility>

DO NOT apply by e-mail, fax or mail because these applications will NOT be considered. Admission Request Forms must be submitted within the following deadline:

- November 3rd, 2025 at 2:00 p.m. - Italian time

The following supporting documents must be attached to the application form (in English or Italian only):

MANDATORY DOCUMENTS

- **valid identification document** (passport for extra-EU applicants)
- **curriculum vitae** (CV must include the authorization to the processing of personal data – in compliance with the General Data Protection Regulation (EU Regulation 2016/679) and the Personal Data Protection Code, Legislative Decree 30 June 2003 no. 196 and subsequent amendments)
- **Admission Request Form** https://www.polito.it/sites/default/files/2025-08/Application%20Form%20and%20questionnaire_SMART.pdf
- **Exam transcripts for both Bachelor’s and Master’s degree programmes:**
 - for applicants with degree(s) obtained from a non-Italian University: official transcript(s), by University of origin, produced on headed paper, containing the full list of all the exams passed and the grades obtained. The transcript(s) must also include the date of the degree conferral. Upon enrolment, the admitted candidates must submit the original copy of the “Dichiarazione di Valore”/“Statement of validity” (related to the Master’s degree) issued by the Italian Diplomatic Mission in the country where the qualification was awarded. If the Master’s degree was awarded by a European university, admitted candidates can turn in the “Diploma Supplement” instead of the “Dichiarazione di Valore”.

or

- for applicants with degree(s) awarded by an Italian Public University: self-certification ("dichiarazione sostitutiva di certificazione" - Art. 46 DPR 28 December 2000, n. 445) in which the students declare to have obtained both a Bachelor's degree and a Master's degree. The self-declaration must include: the name of degree programme, the name of the University, the date of degree conferral, the graduation final grade, the full list of all the exams passed and the grades obtained (this information is required for both degrees). Upon enrolment admitted students must provide the original copy of the self-certification, in compliance with art. 75 of D.P.R. 445/2000. Should the self-certification be found to be false or incorrect, the applicant loses any benefit which he/she might have acquired on the basis of the untruthful declaration.

OPTIONAL DOCUMENTS

- Cover letter
- Reference letter
- Italian language certificate (only for non-Italian applicants)
- English language certificate
- Residence Permit (only for non-EU citizens)

Failure to attach even one of the above mandatory documents will result in the exclusion from the selection process.

Art. 6 (Selection outcomes)

At the end of the selection process carried out by the partner company, Politecnico di Torino will publish the list of the candidates admitted to the programme on the online University Bulletin and on the "Selection outcomes" section of the programme website: <https://www.polito.it/en/education/specializing-master-s-programmes-and-lifelong-learning/specializing-master-s-programmes/specializing-master-s-catalogue/smart-commercial-vehicles-for-sustainable-mobility>

Art. 7 (Enrolment)

Enrolment

The candidates who have been admitted to the programme will have to enrol at Politecnico di Torino before the starting date of the 2nd level Specializing Master's programme. Further information about enrolment will follow by e-mail.

Documents submission

After completing the enrolment process, admitted students must present the original documents uploaded to their Application Form to the Specializing Master's Programmes and Lifelong Learning Office together with the Acceptance Declaration before the programme starts (please refer to art. 5).

If your degree was awarded by a non-Italian University, upon enrolment you must submit the original copy of the Dichiarazione di Valore/Statement of validity (related to your degree) issued by the Italian Diplomatic Mission in the country where the qualification was awarded or Attestato di Comparabilità /Statement of Comparability issued by the CIMEA Centre.

If your degree was awarded by a European university, you can submit your Diploma Supplement instead of the Dichiarazione di Valore/Statement of validity.

If you do not submit your Statement of validity, you can enrol in the programme under condition, but you must present this document within 6 months from the beginning of the programme. If you do not provide the above-mentioned mandatory document by the deadline, you are placed on hold and cannot progress in your studies until you actually present this document.

If you are a non-EU student, you are required to comply with the norms on entry visa¹ and residence permit. You have to submit:

- student Visa – type D for participants who are non-EU citizens residing abroad;
- valid residence permit for non-EU citizens residing in Italy.

Politecnico di Torino reserves the right to check the truthfulness of the declarations included in self-certificates sent by the applicants (pursuant to Article 46 of DPR. no. 445 of 28 December 2000) and to exclude them from the ranking list in the event of false declarations.

Art. 8 **(Participation and enrolment fee)**

The participation in the 2nd level Specializing Master's programme is free of charge for admitted students, as provided by the regional call "APPRENDISTATO DI ALTA FORMAZIONE E DI RICERCA Avviso pubblico 2022-2026 per l'individuazione e la gestione dell'offerta formativa pubblica ai sensi della Deliberazione della Giunta regionale n. 4-4372 del 22/12/2021, e della D.G.R. n. 4-509 del 16/12/2024 e s.m.i."

In accordance with the "Tuition Fee Guide" of Politecnico di Torino, admitted students exempted from paying the participation fee, have to pay € 21,00² detailed as follow:

1. Premium for accident insurance: € 5,00
2. Enrolment revenue stamp: € 16,00

The issue of the diploma of the 2nd level Specializing Master's Programme in "Smart Commercial Vehicles for Sustainable Mobility" requires the payment of a revenue stamp.

Art. 9 **(Qualification)**

Upon successful presentation of the student's Project Work, Politecnico di Torino will confer the 2nd level Specializing Master's diploma in "Smart Commercial Vehicles for Sustainable Mobility".

Participants are required to:

¹ Please refers to the MUR/MAE note: "PROCEDURE PER L'INGRESSO, IL SOGGIORNO, L'IMMATRICOLAZIONE DEGLI STUDENTI INTERNAZIONALI E IL RELATIVO RICONOSCIMENTO DEI TITOLI, PER I CORSI DELLA FORMAZIONE SUPERIORE IN ITALIA VALID FOR THE ACADEMIC YEAR 2025/26".

² The insurance premium may change due to new rules adopted by Edisu and to the stipulation of an insurance contract

- reach the total amount of 60 ECTS;
- attend at least 75% of total classroom hours (400).

At the end of the programme, participants make a final report related to their project work and are assessed for it. The final grade is assigned by the Graduation Examining Committee who will assess the overall Average grade of all the exams on a scale of 110. Exams passed with honours (cum laude) do not have an impact on the Average grade. The Graduation Examining Committee can add up to a maximum of 5 points, taking into consideration the evaluation of the work you have carried out for the project work (dedication, autonomy, methodological rigour, relevance of results, etc.). If you reach the score of 110/110, the Graduation Examining Committee might decide to confer the degree with honours (cum laude). The decision must be taken by qualified majority (at least 2/3 of the Committee members must vote in favour of awarding this distinction). More details about the exams, final presentation and project work will be presented during the programme.

Art. 10 (Competent office)

The competent office is the Specializing Master's Programmes and Lifelong Learning Office of Politecnico di Torino e- mail: master.apprendistato@polito.it

Art. 11 (Privacy policy and access to documents)

Politecnico di Torino and Iveco Group S.p.A. both act as autonomous data controllers and are committed to operating in full compliance with the applicable personal data protection legislation to them in relation to the data processing activities related to the execution of this Call for applications. In particular, students' personal data are processed by Politecnico di Torino exclusively for institutional purposes of education and by Iveco Group S.p.A. as indicated in the privacy notice in Annex 1. The processing of personal data is based on the principles of correctness, lawfulness and relevance of purposes. In order to pursue the Specializing Master's Programme in "Smart Commercial Vehicles for Sustainable Mobility" candidates agree that the Politecnico di Torino shares their personal data with Iveco Group S.p.A.

In accordance with the General Data Protection Regulation (EU Regulation 2016/679) and the "Code regarding the protection of personal data" (Legislative Decree No. 196 of 30th June 2003 and further amendments) personal data are processed by Politecnico di Torino exclusively for the selection and enrolment process in pursuit of the university aims and in accordance with the transparency purposes imposed by the law. The processing of personal data is based on the principles of correctness, lawfulness and relevance of purposes. More information on the processing of personal data is available at: <https://www.polito.it/en/privacy>.

The Data Controller is Politecnico di Torino, represented by the Rector, with statutory seat in Corso Duca degli Abruzzi, 24, 10129 Torino.

You can contact the Data Controller at politecnicoditorino@pec.polito.it (certified e-mail).

For further information and inquiries write to privacy@polito.it

You can contact the Data Protection Officer (DPO) of Politecnico di Torino for inquiries on the processing of your personal data and your rights at: dpo@polito.it; dpo@pec.polito.it (certified e-mail).

For the Politecnico di Torino the privacy policy is available at: <https://www.polito.it/en/privacy>

For Iveco Gruppo S.p.A. the privacy policy is available at: https://www.ivecogroup.com/legal/privacy_policy

Access to all documents is allowed in the forms provided by current legislation.

Art. 12 **(Final provisions)**

1. The Programme will start only if the minimum number of participants is reached
2. Communication with candidates will take place primarily through the “Apply@Polito” platform. Specific communications might be sent via email or SMS using the contact details provided by candidates during registration on the platform.
3. Politecnico does not take any responsibility in case of unavailability of recipients and for loss of communications due to inexact indication of a candidate's email address or telephone number or due to delay or failure to notify changes to the contacts provided during registration.
4. This Call is published on the online University Bulletin available at https://www.swas.polito.it/dotnet/albo_online/ . The same can be found on <https://didattica.polito.it/master/>

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