ALMA MATER STUDIORUM - UNIVERSITÀ DI BOLOGNA
School of Engineering and Architecture
“Call for applications” for the Master’s Degree in
ADVANCED AUTOMOTIVE ELECTRONIC ENGINEERING
Restricted access programme
CLASS LM-29 – (Electronic Engineering)
(course code 9238)

Academic Year 2018/2019

<table>
<thead>
<tr>
<th>GENERAL INFORMATION</th>
<th>Page 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 – POSITIONS AVAILABLE</td>
<td>Page 3</td>
</tr>
<tr>
<td>2 – ENTRY REQUIREMENTS</td>
<td>Page 4</td>
</tr>
<tr>
<td>3 – ASSESSMENT PROCEDURE AND EVALUATION CRITERIA</td>
<td>Page 4</td>
</tr>
<tr>
<td>4 – APPLICATION PROCEDURE</td>
<td>Page 5</td>
</tr>
<tr>
<td>5 – RANKINGS</td>
<td>Page 6</td>
</tr>
<tr>
<td>6 – ENROLLMENTS ON THE PROGRAMME</td>
<td>Page 6</td>
</tr>
<tr>
<td>FINAL REMARKS</td>
<td>Page 8</td>
</tr>
<tr>
<td>APPLICATION FORM</td>
<td>Page 9</td>
</tr>
</tbody>
</table>
1. APPLICATION PROCEDURE AND LEGAL DISCLAIMER

This “Call for applications” is for those willing to enroll on the Master's Degree in Advanced Automotive Electronic Engineering (class LM-29 – Electronic Engineering) which is a restricted access programme. Such a programme is fully delivered in English (teaching activities, exams) and involves the Universities of Bologna (admin main venue), Ferrara, Modena and Parma.

Please be aware this English version has been created for information purposes only. In the event of claims and legal disputes, the Italian version shall prevail.

You may refer to the programme’s website for further information (Teaching Regulation, entry requirements, study plan, learning outcomes, contacts):

corsi.unibo.it/2cycle/AutomotiveElectronicEngineering

2. APPLICANTS

Each student interested in enrolling must go through the evaluation procedure, to be carried out according to rules & regulations set out on this “Call for applications”.

The aforementioned principle applies to those willing to transfer from another university or another degree within the University of Bologna, as well as those holding a postgraduate degree (Master’s degree, PhD).

Graduating students may participate as well on condition they fulfil the conditions set forth on paragraph 2.

APPLICATION SCHEDULE AND DEADLINE

Single application round: EU citizens (or with equivalent status) – 8 positions available

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application to the selection procedure</td>
<td>November 7 – December 17 2018</td>
</tr>
<tr>
<td>Ranking publication and start of winners’ enrollment</td>
<td>December 19 at 1.00 PM (CET)</td>
</tr>
<tr>
<td>Enrollments’ deadline</td>
<td>December 27</td>
</tr>
</tbody>
</table>

The evaluation entails academic records’ assessment to be carried out according to the schedule above.

Each deadline is compulsory and not meeting any of them implies being excluded from further application steps, regardless of the reasons-why.

3. FEES

Paying 50.00 euros as application fee is required to go through the assessment (see article 3). Particular circumstances are foreseen for those willing to transfer from Italian universities or from another course within the University of Bologna (see article 6).

Tuition Fees amounts for each academic year are available on Unibo’s website http://www.unibo.it/en/teaching/enrolment-transfer-and-final-examination/tuition-fees-and-exemptions/tuition-fees
OFFICES IN CHARGE

For application’s technical issues on www.studenti.unibo.it (e.g. username and password, data entry), the following office is in charge:

Help Desk di Studenti Online
Email: help.studentionline@unibo.it
Tel. +39 051 20 99 882

For further information on the application procedure and this “Call for applications”, the office below is in charge:

Ufficio Didattico DEI
Email: dei-ufficiodidattico@unibo.it
Tel. +39 051 2093398 – 2093648 – 2093042 – 2093007

International students may refer to the International Desk for general inquiries on visa, scholarships, foreign qualifications’ recognition, residence permit and so on.

International Desk
Via Filippo Re 4 - 40126 Bologna
Email: internationaldesk@unibo.it
Tel. +39 051 20 88 101

Candidates can contact the aforesaid offices considering a reply shall be provided in a few days’ time. They cannot expect an immediate answer.

Any changes occurring to the enrollment procedure shall be published on www.studenti.unibo.it.

University closure: December 24.

1 – POSITIONS AVAILABLE

In the Academic Year 2018/2019, the Master’s Degree have the following positions available:
- n. 8 POSITIONS FOR ITALIAN, EU AND EU-EQUIVALENT CITIZENS (1)

(1) For the purposes of this “Call”, the categories below have equivalent status to EU citizens:
- citizens of Norway, Iceland, Liechtenstein, Switzerland and San Marino;
- non-EU citizens holding a EU long-term residence permit as well as residence permit for work, self-employment and family reasons, political or humanitarian asylum, religious grounds;
- non-EU citizens holding diplomas from Italian schools abroad as well as foreign or international schools, operating in Italy or overseas according to bilateral agreements or specific regulations for degrees’ acknowledgement, on condition they meet the entry requirements set out on this “Call for applications”;
- refugees and holders of subsidiary protection status;
- the staff of foreign Diplomatic Authorities or International Organizations established in Italy – accredited by the Republic of Italy or the Holy See – and their relatives (spouse and children only);
- those already holding a valid study-related residence permit and already enrolled at the University of Bologna or any other Italian university, on condition they have been legally residing in Italy for at least one year.
In order to be admitted to Master’s Degree in *Advanced Automotive Electronic Engineering*, it is required to meet the following **curricular requirements**:

a) Holding an Italian First cycle degree in one of the degree classes pursuant to D.M. 270/04 and D.M. 509/99, Italian Law 508/99 or a degree from a previous degree system, or an equivalent qualification obtained abroad.

b) Having gained at least 85 ECTS credits (CFU) in the following groups of SSD:

- At least 48 CFU in ING-INF/01 (Electronics), ING-INF/02 (Electromagnetic fields), ING-INF/03 (Telecommunications), ING-INF/04 (Automation), ING-INF/05 (Computer engineering), ING-INF/07 (Electric and electronic measurements), ING-IND/31 (Electrotechnics), ING-IND/32 (Electrical converters, machines and actuators), ING-IND/33 (Electric energy systems);
- At least 32 CFU in INF/01 (Computer science), MAT/02 (Algebra), MAT/03 (Geometry), MAT/05 (Mathematical analysis), MAT/06 (Mathematical probability and statistics), MAT/07 (Mathematical physics), MAT/08 (Numerical Analysis), MAT/09 (Operation research), SECS-S/02 (Statistics for experiments and technology), CHIM/03 (General inorganic chemistry), CHIM/07 (Chemical foundations of technology), FIS/01 (Experimental physics), FIS/02 (Theoretical physics), FIS/03 (Matter physics).

Under the following article 4, applicants must have an **English Proficiency no lower than B2** (upper-intermediate level according to CEFR – Common European Framework of Reference for languages).

Moreover, those not yet holding their university degree may participate as well, as long as they meet the criterion set out on the aforementioned point b) and they hold a B2 English certificate.

In any case, they must graduate by December 27, otherwise they will forfeit their right to enroll on the Master’s degree in Advanced Automotive Electronic Engineering.

### 3 – ASSESSMENT PROCEDURE AND EVALUATION CRITERIA

The Evaluation Board, appointed by the School of Engineering and Architecture, will be formed by at least 3 lecturers from the partner universities in order to guarantee an efficient and fair assessment.

The **assessment shall consider academic records**, resulting in a final score whose maximum is **100 out of 100**. The threshold to be eligible is **65 out of 110**.

The final score will be worked out according to the following criteria:

1. **Academic records** *(CV, CGPA, graduation mark)*. The following scheme shall apply:

<table>
<thead>
<tr>
<th>Graduation mark out of 110 (Italian degrees)</th>
<th>CGPA (Italian degrees)</th>
<th>CGPA (foreign degrees)</th>
<th>Maximum points obtainable</th>
</tr>
</thead>
<tbody>
<tr>
<td>90/110 or more</td>
<td>28/30 or more</td>
<td>82% or more</td>
<td>90</td>
</tr>
<tr>
<td>Less than 90/110</td>
<td>Less than 28/30</td>
<td>Less than 82%</td>
<td>85</td>
</tr>
<tr>
<td>Less than 80/110</td>
<td>Less than 25/30</td>
<td>Less than 73%</td>
<td>75</td>
</tr>
<tr>
<td>Less than 70/110</td>
<td>Less than 22/30</td>
<td>Less than 64%</td>
<td>65</td>
</tr>
</tbody>
</table>

2. Recommendation letters (if any): up to **10 points**;

In case more applicants have the same score, their age will define their position on the ranking (i.e. the younger will precede).

The assessment will be carried out even if the number of applications do not exceed the number of positions available.
In order to be evaluated, applicants must send off their online application during the following periods:
- November 7 – December 17

In order to apply, it is required to:

a. Browse www.studenti.unibo.it and create an account by clicking on “Se non sei ancora registrato”. Alternatively, if already registered, log in;
b. Create and account by filling in all the compulsory field (international students not holding an Italian tax code must select “Registrazione Studenti Internazionali” and go through the procedure to obtain username and password). Having created an account, entering the personal password will be required each time to log in the system. Therefore, reminding the personal credentials is crucial as they will be deployed throughout the student’s career to access www.studenti.unibo.it;
c. Click on “Prove di ammissione o verifica dei requisiti”, select in “Laurea magistrale” the Master’s Degree in “Advanced Automotive Electronic Engineering”, choose the selection round and get through to the payment.
d. Pay the non-refundable 50.00 euros application fee “Prove di ammissione” according to the payment options set out on www.studenti.unibo.it;
e. Download/print the application form;
f. The following documents in PDF must be enclosed to the online application:
   - Participation form filled in (Attachment n. 1 of this “Call”);
   - University Degree diploma and transcript of academic records, detailing exams and related marks. In particular:
     • Applicants holding an Italian University degree can enclose the self-certification of their academic career, by deploying the forms available here: http://www.unibo.it/it/didattica/iscrizioni- trasferimenti-e-laurea/iscriversi-corso-laurea-magistrale. Unibo’s graduate may download it from: www.studenti.unibo.it
     • Applicants holding a foreign University degree should enclose their diploma and transcript of academic records, detailing exams given and related marks as well as the grading systems with maximum and minimum marks obtainable (for instance, 75% with 45% as minimum score; CGPA of 3,2 out of 4 with 2,5 as threshold; 14 out of 20 with 10 as minimum). Should these documents be in a language other than Italian or English, an English translation shall be included;
     • Applicants holding a University degree from a EHEA’s country (European Higher Education Area) may enclose the diploma supplement.
   - Detailed CV/résumé in European format and in English, possibly detailing significant academic achievements (research papers and monographies, academic honors, scholarship, fellowship, grants) as well as relevant professional experiences in Companies/Universities/Research Bodies in the field of Electronic Engineering.
   - English proficiency certificate equivalent to at least B2 level. The following certificates shall be accepted:
     • TOEFL - computer-based – no lower than 213 points
     • TOEFL - paper- based - no lower than 550 points
     • TOEFL – internet-based – no lower than 80 points
     • IELTS – overall score no lower than 5.5
     • FCE/CAE/CPE
     • ISE-II/III/IV Trinity College London
     • B2 Certificate/Self-certification released by an Italian University Language Center (idoneità di inglese B2)
     • Having obtained a University degree fully delivered English with a minimum length of 2 academic years (120 ECTS) in one EU country as well as in the
United States, Canada, Australia, New Zealand. English as a medium of instruction (MOI) should be clearly written down on the transcript of academic records.

- **Scanned copy of a valid ID/passport** (back and front)
- **Scanned copy of a valid residence permit** (if any) for non-EU citizens only
- **Up to two reference letters** in English (not compulsory). Lecturers and employers may act as referees

**APPLICANTS CAN GET THROUGH TO THE FOLLOWING STEP (INTERVIEW) ONLY IF FINALIZING PROPERLY THE AFOREMENTIONED ONLINE PROCEDURE WITHIN THE DEADLINES.**

Candidates in need of technical assistance to complete the online procedure may contact – during the working hours available online – the **Studenti Online Help Desk** on the phone (+39 051 2099882) or by email (help.studentionline@unibo.it).

---

### 5 – RANKINGS

At the end of the selection round, a merit-based ranking will be drawn up according to the criteria set out on article 1 (Positions Available) and 3 (assessment procedure and evaluation criteria).

Rankings will be published on [www.studenti.unibo.it](http://www.studenti.unibo.it) on December 19 2018.

Candidates should be aware rankings will be published on [www.studenti.unibo.it](http://www.studenti.unibo.it) only, which is the sole legal publication means.

---

### 6 – ENROLLMENTS ON THE PROGRAMME

**DEADLINES**

Eligible applicants, according to rankings (see article 6), must **compulsorily enroll** during the following time windows:

- **December 19 – December 27 2018**

**PROCEDURE**

**A) APPLICANTS ENROLLING FOR THE FIRST TIME**

During the time frame set out above, candidates are required to:

1. **Log in** [www.studenti.unibo.it](http://www.studenti.unibo.it), entering username and password obtained at the moment of online application;
2. Choose “Immatricolazioni” and select in “Laurea magistrale” the programme “Advanced Automotive Electronic Engineering”; **log in** [www.studenti.unibo.it](http://www.studenti.unibo.it), entering username and password obtained at the moment of online application;
3. **Go through** the online procedure enclosing a JPG file with a photo in passport-size

Candidates should be advised that, in the event of fraudulent claims and declarations, they will face criminal prosecution (according to article 496 of Italian Penal Act) and will **automatically forfeit the right to enroll**. Moreover, they will lose any other benefits gained without any refund of any kind.

4. **Pay** the first tuition fees instalment according to rules and regulations laid out on [www.studenti.unibo.it](http://www.studenti.unibo.it)
It is required to carry along all the documents detailed on www.studenti.unibo.it and bring them to the Engineering Student Office (via Saragozza 8 - 40123 Bologna), showing a valid ID/passport. By doing so, the University badge will be handed in and the student’s career activated, that is to say applicants will be able to book exams, take advantage of Unibo’s WiFi, take books out from libraries.

Under no circumstances will the enrollment be completed without finalizing the aforementioned procedure.

The following categories must drop by the Student Office as well:

- **Disabled students** with a certified handicap no lower than 66%, as well as those with a **certified handicap according to Italian Law 104/92**, must present the relevant certificate as explained here: http://www.unibo.it/en/services-and-opportunities/study-grants-and-subsidies/exemptions-and-incentives/exemptions-for-handicapped-students

- **Non-EU citizens** should hand over their residence permit or, if not yet available, its applications receipt. In the latter case, the enrollment will be conditioned on the presentation of the residence permit as it becomes available.

- **Students requiring credits acknowledgement from previous careers** have to hand in the form available here: http://www.unibo.it/en/teaching/enrolment-transfer-and-final-examination/enrolling-in-a-second-cycle-degree-programme-italian-qualification

- **Students holding a foreign degree** should hand over the documents detailed here: http://www.unibo.it/en/teaching/enrolment-transfer-and-final-examination/enrolling-in-a-second-cycle-degree-programme-foreign-qualification: original University degree (or authenticated copy) with exams given and marks obtained to be completed by an official translation in Italian, as well as legalization and “Declaration of value” (DOV) from the Italian Embassy/Consulate in charge for each applicant.

The translation is not required if the Degree’s diploma and its exam certificate have been released in English.

If needed, the translation may be obtained in Italy by dealing with the Tribunal in charge as well as with the Italian Embassy/Consulate in charge abroad. The aforementioned Diplomatic Bodies must in any case sign off on any translations drawn up by local translators.

EU applicants can self-certify their University degree and enclose the original *Diploma Supplement* released by their home university.

8) TRANSFERRING FROM OTHER ITALIAN UNIVERSITIES

Applicant enrolled at other Italian Universities should:

1. **Register** following the procedure set out on the point A above, pinpointing the status of transferring student

2. **Pay** the first tuition fees instalment in **due time** (according to the paragraph “Deadlines” of this article);

3. **Apply for transfer** at the home university in **due time** (according to its rules & deadlines)

**Important.** Transferring students must be aware their Unibo’s career will be unlocked as soon as the **Master’s Degree Board will formally approve** their transferring request. Until that very moment, their career will not be active.

Furthermore, they are required to pay, in excess of the first tuition fees instalment, a transferring fee according to the procedure set out on this page: http://www.unibo.it/en/teaching/enrolment-transfer-and-final-examination/transferring-to-the-university-of-bologna/transferring-to-the-university-of-bologna
c) INTERNAL TRANSFERRINGS WITHIN THE UNIVERSITY OF BOLOGNA

Those already enrolled at Unibo and wishing to transfer from another course must go through the related online procedure, according to what is explained on www.studenti.unibo.it and compulsorily during this time-frame:

- December 19 – December 27 2018

In particular, they have to:

1. Having paid the first tuition fees instalment concerning the actual degree, as well as not having outstanding payments from previous academic years;
2. Click on “Passaggio di corso” and enter the required data
3. Pay the internal transferring fee.

Transferring students must be aware their new Unibo’s career will be unlocked as soon as the Master’s Degree Board will formally approve their transferring request. Until that very moment, it will not be active.

Final remarks

The person in charge of the administrative issues related to this “Call for applications” is the head of the Engineering Student Office Mr Giuseppe Russo.

Bologna, November 7.


This “Call for applications”, pursuant to Italian Law (DM MIUR 47/2013), is released by Management Degree (Rep. n. 6263/2018, Prot. n. 160519 of November 7 2018).

THE HEAD OF UNIBO’S TEACHING AND LIBRARY AREA

Mr Michele Menna
To apply to the Master’s Degree in Advanced Automotive Electronic Engineering (AAEE), please complete the form below.

Note that this application form must be submitted by:

November 7 – December 19 2018: selection round (EU citizens or with equivalent status)

First Name ______________________________________ Surname ______________________________
Date of birth __________ Place of birth ____________________ Resident in _____________________________
Zip Code _______________ City __________________ Country ____________________________________________________________________________
Phone no. ____________________ Mobile no. ____________________ Fax no. _____________________________
Email to be used for official communications _________________________________________________
Skype ID (to be used in case of remote interview) ______________________________________________
Home Address _____________________________________________________________________________
Citizenship ____________________________________________ Gender _______________________________

Information below is relative to the applicant’s first-level Degree

I declare under my own responsibility that:

1. QUALIFICATIONS:

Name of The University ____________________________________________________________
Country __________________________________________________________________________
Period of attendance (e.g. 2014-2017) _________________________________________________
Nominal duration of the degree program (e.g. 3 years) _____________________________________
Actual duration of the applicant’s degree program (e.g. 4 years) _____________________________
Title of the degree awarded __________________________________________________________________________
Main field of study for the qualification (for Italian degrees, specify the “degree class”, e.g. L-8, L-9, etc.) __________
Graduation marks ___________________ (if not applicable, insert the average grade of all the exams passed)
Highest possible graduation mark (or grade) in the applicant’s degree program _________________
Minimum graduation mark (or passing grade) in the applicant’s degree program _________________

2. STATEMENT OF INTENTS

The information provided in this statement is essential for the Admission Committee to screen applications.

STATEMENT (Please write here below a short description of the reasons why you are interested in the Master Degree in Advanced Automotive Electronic Engineering).

_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
How did you hear about the Master Degree programme in Advanced Automotive Electronic Engineering?

3. NATIVE LANGUAGE:__________________________________________________________

4. KNOWLEDGE OF ENGLISH LANGUAGE:
I declare under my own responsibility that:
☐ I hold the following certification (check as appropriate, remembering to upload the certificate):
  o TOEFL - computer-based – of at least 213 points
date of issue ____________________
  o TOEFL - paper-based - of at least 550 points
date of issue ____________________
  o TOEFL - Internet-based – of at least 80 points
date of issue ____________________
  o IELTS - of at least 5.5 points
date of issue ____________________
  o FCE – B
date of issue ____________________
o ISEE II Trinity College London
  date of issue ____________________

o a B2 level certificate in English released by an Italian University Language Centre
  date of issue ____________________

☐ I have obtained a University degree fully delivered English with a minimum length of 2 academic years (120 ECTS) in one EU country as well as the United States, Canada, Australia, New Zealand (English as a medium of instruction should is clearly written down on the transcript of academic records).

5. EMBASSY
In order to enroll, non-EU citizens residing abroad are required to contact the Italian Embassy-Consulate in the student’s country of residence for information about the procedures and deadlines for submitting the compulsory pre-enrolment application and, upon completion of the pre-enrolment process, for obtaining a valid Italian visa for study reasons. The regulations for admission are established by the Italian Ministry of Education, University and Research, with a specific Circular letter, which can be found on the website of the Ministry http://www.studiare-in-italia.it/studentistranieri/.
For more information in English please visit the following website: http://www.eng.unibo.it/PortaleEn/Students/International+Students/default.htm

Please note:
Once registered for the selection procedure of admission to Master Degree Course in the Advanced Automotive Electronic Engineering, at www.studenti.unibo, please upload the following documents to the on-line application by the deadline of:

  - December 17 2018

  1) Completed Application form;
  2) Copy of the degree certificate and transcript of exams passed of foreign degrees or self-certificate with list of all exams passed in case of Italian degrees;
  3) Detailed curriculum vitae ac studiorum (CV) – in English;
  4) Certificate of knowledge of English language
  5) Copy of a valid ID or passport, printed on both sides;
  6) Copy of a valid permit of stay, in case the candidate already has it (for NON-EU citizens).
  7) (optionally) Up to two reference letters (in English) - Teaching staff and employers may act as referees.

If the required documents are not written in English or Italian, they should be accompanied by a translation in English.
Applications that are not accompanied by all the requested documents or received after the closing date will not be considered under any circumstances.

I herein authorize the personal data processing in compliance with the Italian Act 196/2003.

PLEASE NOTE :

1. subject to the penalties defined at art. 75-76 of Italian DPR 445/2000, any false statement, any unfounded information provided and the use of forged documents shall determine the automatic exclusion from the application process and the loss of any benefits obtained thereafter.
2. Materials submitted to the University of Bologna for your application become property of the University and cannot be returned. The University of Bologna does not discriminate on the basis of
- including, but not limited to - race, colour, gender, religion, sexual orientation, national or ethnic origin, age, disability in any student programme, or activity administered by the University or with regard to admission or employment.

(Date) __________________________________________ (Signed)