SCIENCES

Department of Physical, Computer and Mathematical Sciences
Call for applications
for the open access Master’s Degree Programme provided in
English, in

PHYSICS
(Class LM-17)

Modena’s headquarters
Academic Year 2018/2019
for Italian, European and non-European candidates who are legally
residing in Italy

The programme is fully in English

Deadlines

Application for evaluation of the individual initial preparation: by 05/12/2018
Transfers and students coming from other programmes: by 21/12/2018
Enrolment: from 23/07/2018 to 21/12/2018

IMPORTANT: Any amendment to the deadlines or procedures concerning this Call will be published exclusively on the webpage http://www.unimore.it/bandi/stulau.html. No personal communication will be provided.

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1. Introduction

Candidates may now submit their application for evaluation for the admission to the Master’s Degree Programme in Physics (Class LM-17) for the academic year 2018/2019. All candidates must submit their APPLICATION FOR EVALUATION no later than 5 December 2018 by following the instructions described in this call for applications, and register for the assessment of their individual preparation, which will be carried out based on the qualifications and an interview.

All candidates planning to obtain the suitable qualification by the deadline of 18 December 2018 may submit their application for evaluation to complete the enrolment by 21 December 2018.

Eligible candidates for the enrolment in the above-mentioned Master’s Degree Programme in Physics (Class LM-17) must have:

1. a first level degree or at least a bachelor's degree. Also those candidates obtaining the qualification by 18/12/2018 may submit the application for the evaluation of their initial knowledge.

2. curricular requirements as per section 2 in this Call for applications

3. adequate individual preparation assessed based on the qualifications and possible interview under the procedures mentioned in section 3 of this call for applications.

2. Qualifications required

2.1 Students with an Italian study qualification

Enrolment to the Master’s Degree Programme in Physics (Class LM-17) is subject to the possession of the following curricular requirements:

1. First level degree in Sciences and Physical Technologies (Class 25 DM 509/99 or Class L-30 MD 270/04). Candidates with a degree belonging to other classes must have obtained at least 90 university credits in the following scientific-disciplinary sectors MAT/*, FIS/*, CHIM/*, INF/01, ING-INF/05, GEO/10, GEO/11, GEO/12, of which at least 50 in FIS/* sectors or in other scientific-disciplinary teachings, which programme is deemed compatible with one of the FIS/* sectors.

2. For students with a degree belonging to other classes and not achieving 90 university credits in the above-mentioned scientific disciplinary sectors, if the credit obligation is minor (less than 15/18 credits), specific curricular integrations will be indicated that shall be complied with based on the modalities defined by the board in charge and under the terms established, by 21 December 2018.

2.2 European or non-European students with a foreign study qualification and legally residing in Italy

For those European or non-European students who are legally residing in Italy and have a foreign study qualification obtained abroad, the admission to the master’s degree is subject to an assessment of the study curriculum and university career stated in the application for evaluation and relevant documents attached.
3. Assessment of the initial individual preparation

The individual preparation will be assessed based on the qualifications and an interview.

Admission to the master's degree both for students with an Italian qualification and European or non-European students with a foreign qualification and legally residing in Italy is subject to the possession of the following knowledge:

1. General knowledge of basic mathematics and numerical calculation (mathematical analysis; numerical analysis; geometry) and basic chemistry.
2. General knowledge of basic physics (classic physics; mechanics, thermodynamics and fluid physics; electromagnetism; laboratory of classic physics; techniques for data acquisition and statistical processing of experimental data).
3. General knowledge of theoretical physics and mathematical physics (mathematical methods for physics; analytic mechanics; introduction to quantum physics).
4. General knowledge of matter physics (introduction to matter structure).
5. Good knowledge of the English language, both written and oral.

The level of knowledge of the English language will be assessed by means of an interview. On the basis of the submitted documentation, the examining board may either request or waive any additional interview for English native speakers.

The interview in English for European students not residing in Italy may take place by means of electronic systems (Skype).

4. Submitting an online application for evaluation

INFORMATION USEFUL FOR ALL CANDIDATES:

All candidates (even when not yet graduated but who are going to get the degree by the enrolment deadline) must fill out and submit the application for evaluation by 05/12/2018 on the website www.esse3.unimore.it. We recommend filling out the application as soon as possible.

“Register” or sign in with the username and password already provided in a previous programme (for former Unimore students). After logging into the restricted area, from the menu on the left-hand side, select “Application for evaluation” and then fill out the application attaching all documents required.

At http://www.unimore.it/servizistudenti/vediallegato.html?al=60 you can download the “Guide to the evaluation procedure for admission to Master’s Degree Programmes”.

The documents that need to be attached differ according to the study qualification of the candidate.

Those students who have obtained their qualification at UNIMORE are not required to attach the documents of their degree, still they may integrate the information provided with any documents that may be useful for admission purposes (e.g. internships or other study qualifications such as university master programmes, further education, etc.).

Those students who have obtained their qualification at a different University, for evaluation purposes shall attach:

1. Self-certification of the degree with the list of the exams taken, the scores obtained, the credits and the relevant scientific disciplinary sectors or the study programme for graduands.
2. Self-certification relating to any other qualifications that applicants want to be considered for admission purposes (e.g. internships, university master programmes, further education, curriculum vitae, etc.).
The previous university career may be self-certificated as follows:
- attach the forms filled out and customised, and signed by the candidate, that many universities make available online to their students, containing all the information about the teachings and the exams;
  alternatively
- attach a duplicate of the application for evaluation form “Evaluation for the admission to master’s degree programmes”, which can be downloaded on www.unimore.it/ServiziStudenti/modulistica.html after filling it out online.

Any certificate issued by the public administration shall not be valid, as pursuant to Art. 15 of law 183/2011 they cannot be submitted to public administrations.

**IMPORTANT**: the application shall be considered effectively 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 and kept as a personal reminder (there is no need to submit it to any office).

The status of the online application may be checked at the link http://www.unimore.it/bandi/StuLau-esiti.html. If the application is “NOT FINAL”, the documents attached by the candidate WILL NOT be evaluated by the examining board until the candidate explicitly confirms it.

The online application for evaluation may now be printed and kept as a personal reminder.

### 5. Amending or reopening an application for evaluation

**Before the evaluation results:**
Should the candidate need to reopen the application and correct the data or add extra documents before the deadline of 05/12/2018, please send an e-mail to the Registrar’s Office segrstud.scienze.fisiche.informatiche.matematiche@unimore.it

### 6. Assessment Results

The Examining Board, appointed by the Department of Physical, Computer and Mathematical Sciences evaluates the qualifications and the documentation attached to the application. Applications will be evaluated in the same order as they were submitted. The results of the assessment will be made available to students at http://www.unimore.it/bandi/StuLau-esiti.html and also sent via e-mail to the address indicated during registration.

The above-mentioned page will show one of the following results:

- **PASS**: the student’s initial preparation is deemed suitable and the candidate may complete the final enrolment in the programme by following the instructions outlined in 7.
- **ADDITIONAL REQUIREMENTS**: after considering the admission requirements and the suitable initial preparation, the Board will indicate any additional credit requirements and the means to comply with them. Any educational shortcomings shall be complied with before the enrolment and in any case by 05/12/2018 to ensure that the candidate has enough time to enrol by 21/12/2018.
- **FAIL**: in this case the examining board will state the reasons for evaluating the student’s initial preparation as not suitable. In this case the candidate will not be allowed to enrol.
- INCOMPLETE APPLICATION: if the Board decides that no assessment can be made as the required documentation is incomplete, the application will be labelled “incomplete documentation” and it will be automatically reopened with status “not final application”. The candidate shall attach the missing documents and finally close the application for a new assessment.

- NOT FINAL APPLICATION: if the student has not explicitly confirmed the application by answering YES in the specific field “Do you want to submit your application now?”.

Please contact the Board by sending an email to one of the following members for further information on the result of the procedure:
- President: Professor Franchini Anna email anna.franchini@unimore.it
- Professor Mario Ferrario email mario.ferrario@unimore.it
- Mr. Paolo Bordone email paolo.bordone@unimore.it

7. Enrolment type

The enrolment procedure differs according to the study qualification of the candidate.

After obtaining a positive evaluation, starting from 23 July 2018 and until 21 December 2018, candidates will be able to enrol via an online procedure.

All students with an Italian study qualification will be able to enrol by going to www.esse3.unimore.it, clicking on “Enrolments”, and following the instructions provided in the “Online enrolment” guide available on http://www.unimore.it/servizistudenti/vediallegato.html?al=58. (alias)

Filling out the enrolment application and paying the first fee instalment does not automatically result in the student's enrolment. Subject to a verification carried out by the relevant offices, the enrolment is complete when a notification is sent to the candidate via email by seven working days following the payment receipt. Any mistakes detected in the enrolment phase will be communicated to the email address provided by the student.

From 23 July 2018 to 21 December 2018, after obtaining a positive evaluation, European or non-European students residing in Italy and with a foreign qualification will be able to enrol by personally go to the Registrar’s Office of the Department of Physical, Computer and Mathematical Sciences, Master's degree programme in Physics. Opening times are available at the link http://www.unimore.it/servizistudenti/segreteriestudenti.html Candidates need to go to the Registrar's Office and bring the following documents:

- Bachelor degree diploma, translated and legalised by the Italian Embassy/Consulate of the country where it was obtained
- Certification of the value of the university degree, issued by the Embassy/Consulate
- Degree certificate, 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.
- Valid ID
- Passport photo

The Registrar’s Office, after verifying the correctness and completeness of the documents submitted by the student, issues the tax slips and confirms the enrolment once the first instalment has been paid.

IMPORTANT: payments made after 21/12/2018 shall not be valid for the purpose of the enrolment.

Please note that the PAYMENT DATE sent by the bank receiving the payment applies. With regard to MAV
slips paid on the due date via Internet banking or debit card or phone bank, the payment execution may not be guaranteed on the same day.

Check the terms and times of service of your home banking: many banks do not execute payments after opening hours and the transaction is taken over by the bank but accounted for the following day.

If a payment is received at Unimore through the Treasurer on the working day following the DUE DATE, the candidate IS NOT ALLOWED to enrol to the study programme.

8. Transfers and students coming from other programmes

Students enrolled in other Universities or attending other specialisation or master’s degree programmes at UNIMORE and willing to move to the master's degree programme in Physics are subject to the evaluation procedure as per what provided for in this call for applications by 05/12/2018.

Students obtaining a positive evaluation will not need to enrol, still they shall submit the transfer or study programme change request to the Registrar’s Office of the home University by 21/12/2018.

Students will then complete the enrolment by contacting the Registrar’s Office of the Department of Physical, Computer and Mathematical Sciences, Master’s Degree Programme in Physics

9. Costs and allowances

The payment of university fees is calculated based on the ISEE 2018 (Indicator of the Equivalent Financial Situation) certifying the economic situation of the student's household. Up to the ISEE threshold of € 23,000 euros, the NO TAX AREA rule applies, i.e. the payment of 156.00 euros (made of stamp duty and regional tax). Above that threshold, university fees are calculated on a progressive basis. For the calculation of the university fees based on the student's economic situation, an online application shall be submitted by the deadlines set in the relevant call for applications. Students failing to submit the online application by the set deadlines or whose ISEE statement is higher than the threshold indicated in the call for applications will not benefit from a reduction of university fees.

The online application for determining the university fees, as well as the application for the scholarship, accommodation in university residences, hospitality services and other allowances, shall be submitted online from the website www.er-go.it strictly by the deadlines set in the Allowance Call for Applications, even before the enrolment in the study programme. The Call for Applications will be published around mid July 2018. Students are invited to pay attention to the various deadlines. For further information and to check any update on the academic year 2018/19, please visit the website http://www.unimore.it/ammissione/tasse.html

10. Person in charge of the procedure

Pursuant to Law no. 241/1990, the person in charge of the procedure is Giuseppe Milano, who is responsible for the Registrar’s Office. The office in charge is the Registrar's Office of the Department of Physical, Computer and Mathematical Sciences, Master's Degree Programme in Physics, tel. 059/2055640; fax: 059/2055648 e-mail: segrstud.scienze.fisiche.informatiche.matematiche@unimore.it

11. Offices and reference links

For information on the study programmes, the assessment and enrolment procedures please contact: Informastudenti:
e-mail: informastudenti@unimore.it
The opening hours are available on [http://www.orientamento.unimore.it/site/home/orientamento-allo-studio-e-tutorato/informastudenti.html](http://www.orientamento.unimore.it/site/home/orientamento-allo-studio-e-tutorato/informastudenti.html)

**For information on the call for applications** please contact the Registrar’s Office of the Department of Physical, Computer and Mathematical Sciences, Master’s Degree Programme in Physics, Via Campi 213/b 41125 – Modena tel. +39 059 2055640; fax: +39 059 2055648 e-mail: segrstud.scienze.fisiche.informatiche.matematiche@unimore.it

The opening hours are available on [http://www.unimore.it/servizistudenti/segreteriestudenti.html](http://www.unimore.it/servizistudenti/segreteriestudenti.html)

**For IT issues** on the application 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 5:00pm and on Fridays from 9:00am to 2:00pm

**For information on the teaching (such as study programme, teachings, class timetables, reference professors)** please contact the Teaching Office of the Department of Physical, Computer and Mathematical Sciences, Via Giuseppe Campi 213/a 41125 – Modena

Teaching coordinator of the Department: Ms. Michela Vincenzi e-mail: michela.vincenzi@unimore.it

Department website [www.fim.unimore.it](http://www.fim.unimore.it)

**Welcome Office for Disabled and Dyslexic Students**

Tel. +39 059 2058311 - Fax +39 059 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](http://www.er-go.it)

The Registrar’s Office and Informastudenti are closed from 13 to 19 August 2018