



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
DIPARTIMENTO DI  
INGEGNERIA DELL'ENERGIA ELETTRICA  
E DELL'INFORMAZIONE "GUGLIELMO MARCONI"

**Academic Year 2022/2023**

# **Notice for admission to Second Cycle Degree Programme in Biomedical Engineering**

LM-21 – BIOMEDICAL ENGINEERING

COURSE CODE: 9266

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Information regarding the processing of personal data is available at <https://www.unibo.it/en/university/privacy-policy-and-legal-notes/privacy-policy/personal-data-processing> .

The university has for some time been working to raise awareness of and to address gender stereotypes. In this context, it has been decided to give greater linguistic visibility to gender differences. Where, solely for the sake of simplicity, the masculine form is used in this document, it is understood as referring to all persons who work within the community.

*The following procedure refers to the admission modalities for the Master's Degree in Biomedical Engineering. The same procedure can be found on the Degree Programme's website at **Home > Admission > Programme Enrolment: requirements, deadlines and methods.***

## **SECTION 1 – PROGRAMME ADMISSION REQUIREMENTS**

Admission to the Second-Cycle Degree Programme in Biomedical Engineering is subject to

- a) possession of a **DEGREE QUALIFICATION**, i.e., a three-year university degree or diploma or another suitable qualification obtained abroad. Candidates who have not yet graduated may also apply. The application procedure is outlined in section 3;
- b) satisfaction of the **CURRICULAR REQUIREMENTS** as outlined in article 1 of the Degree Programme Regulation, in section 2 of this document, and on the website at the page **Home > Admission > Programme Enrolment: requirements, deadlines and methods;**
- c) satisfaction of the **LANGUAGE REQUIREMENTS** and, specifically, knowledge of English to at least B2 level, to be demonstrated according to the procedures set out in **section 2;**
- d) assessment of the candidate's **PERSONAL KNOWLEDGE AND SKILLS** in accordance with the procedures set out in section 3.

An appointed committee will check the candidates' academic backgrounds and that they meet the requirements for admission.

## **SECTION 2 – CURRICULAR AND LANGUAGE REQUIREMENTS**

### **CURRICULAR REQUIREMENTS**

Possession of a degree in one of the Degree classes pursuant to Ministerial Decree 270/04, or Ministerial Decree 509/99, or Law 508/99 and have acquired university credits in the following subject groups:

- i) at least **36 credits in the subject groups** belonging to the basic training activities foreseen for class L-8 of the Degrees in Information Engineering and for class L-9 of the Degrees in Industrial Engineering in the DM 16-3-2007 determination of university degree classes, published in the Official Gazette July 6, 2007, n.155, S.O, as it follows:

ING-INF/01 Information technology

ING-INF/05 Information processing systems

MAT/02 Algebra

MAT/03 Geometry

MAT/05 Mathematical analysis

MAT/06 Probability and mathematical statistics

MAT/07 Mathematical physics  
MAT/08 Numerical analysis  
MAT/09 Operations research  
SECS-S/02 Statistics for experimental and technological research  
CHIM/03 General and inorganic chemistry  
CHIM/07 Chemical foundations of technologies  
FIS/01 Experimental physics  
FIS 03 Physics of matter

ii) **at least 24 credits** in the following subject groups:

ING-INF/01 Electronics  
ING-INF/02 Electromagnetic fields  
ING-INF/03 Telecommunications  
ING-INF/04 Automatic  
ING-INF/05 Information processing systems  
ING-INF/06 Electronic and Computer Bioengineering

iii) **at least 6 credits** in the following subject groups:

ICAR / 08 Construction science  
ING-IND / 06 Fluidodynamics  
ING-IND / 10 Industrial technical physics  
ING-IND / 11 Environmental technical physics  
ING-IND / 12 Mechanical and thermal measurements  
ING-IND / 13 Mechanics applied to machines  
ING-IND / 14 Mechanical design and construction of machines  
ING-IND / 22 Science and technology of materials  
ING-IND / 31 Electrical engineering  
ING-IND / 34 Industrial bioengineering

A Commission appointed by the Degree Programme Board will verify the afore mentioned curricular requirements in case of a degree qualification obtained in Italy according to previous educational systems or achieved abroad and recognized as suitable.

If a candidate does not have the required ECTS, the Commission will assess whether ECTSs have been acquired in other disciplinary scientific fields that can compensate for the lack of the requisites foreseen. Compensation up to a maximum of 12 CFUs are eligible during the assessment of the requirements.

## LANGUAGE REQUIREMENTS

In order to be admitted to the Degree Programme in Biomedical Engineering it is required to have an English proficiency of **at least level B2 of the Common European Framework of Reference for Languages (CEFR)**.

Proof of meeting the English requirements need to be submitted through an eligible certification. The full list of the accepted certifications is published on the Degree Programme's website at the page **Home > Admission > Programme enrolment: requirements, deadlines and methods**.

## SECTION 3 – ASSESSMENT OF THE CANDIDATE'S PERSONAL KNOWLEDGE AND SKILLS

Admission to the second cycle degree/two-year master programme requires candidates to pass an assessment of personal knowledge and skills. The assessment of personal knowledge is considered complete, for those in possession of an Italian degree, in the presence of at least one of the following criteria:

- i) Degree or University Diploma according to the previous regulations, **with at least 24 CFU in the scientific-disciplinary sectors ING-INF/06 and ING-IND/34** and a **Degree/Diploma mark equal to at least 85/110** or equivalent at the expiry date of the intake for the academic year of enrolment;
- ii) Degree or University Diploma according to the previous regulations, **with a minimum Degree/Diploma grade equal to at least 95/110** or equivalent at the expiry date of the intake for the academic year of enrolment.

For those not yet in possession of an Italian degree, the verification of personal preparation is considered complete in the presence of at least one of the following criteria:

- i) Having passed **exams for at least 162 ECTS**, with a **weighted average of at least 23/30**, and **at least 24 ECTS** in the disciplinary sectors of **ING-INF/06 and ING-IND/34**;
- ii) Having passed **exams for at least 162 CFU**, with a weighted average of **at least 26/30**.

Please remember that:

- The assessment of the personal preparation is carried out by an appointed Committee solely through the presentation of the required documentation, by the deadlines and procedure as outlined next. **The Committee's evaluation on each application is unquestionable and entirely based on the documentation provided.**
- If the above conditions are not met (in whole or in part), the verification of the adequacy of the personal preparation is to be considered as not accepted.

- In case of the presence of **real elements of exceptionality, evidenced by specific documentation**, the Commission appointed by the Degree Program Board will be able to define an alternative assessment path, always based on the analysis of the degree grade and of the previous career, after which it will formulate an unquestionable judgment regarding admission to the Degree Programme.
- Candidates who have not obtained the First Cycle Degree yet, but have **registered at least 162 ECTS, are allowed to submit their application**. If admitted, they can enrol under condition.
- Students with a conditional enrolment must obtain the First Cycle Degree title by the deadline set by the Academic Bodies and published on the Degree Programme’s website.
- The criteria described in this paragraph also apply to those who are in possession of a **university level qualification obtained abroad**, deemed suitable by the Degree Program Board, for which the conversion of the degree grade according to the Italian system, the identification of the scientific-disciplinary sectors and the number of credits obtained in each sector are possible. If conversion and/or identification are not possible, the Commission appointed by the Degree Program Council proceeds to the evaluation of the career based on the documentation presented by the candidate.

## SECTION 4 – ADMISSION AND DEADLINES

The applications will be assessed by the committee in accordance with the procedure outlined below.

	APPLICATIONS’ SUBMISSION OPENS ON:	APPLICATIONS’ SUBMISSION CLOSES ON:	RESULTS WILL BE PUBLISHED ON:
Intake 1	25/11/2021	20/01/2022	08/02/2022
Intake 2	21/01/2022	24/03/2022	12/04/2022
Intake 3	25/03/2022	30/06/2022	19/07/2022
Intake 4	01/07/2022	01/09/2022	20/09/2022
Intake 5	02/09/2022	10/10/2022	26/10/2022
Intake 6	11/10/2022	03/11/2022 – h 12:00	17/11/2022

## SECTION 5 – HOW TO APPLY

Applications must be submitted in accordance with the following procedure:

**Log into Studenti Online** ([www.studenti.unibo.it](http://www.studenti.unibo.it)) using your SPID username and password. International students who do not have an identity document issued in Italy may log in using their University username and password, which can be obtained by going to [www.studenti.unibo.it](http://www.studenti.unibo.it) and clicking on *Register* and then *International Students registration*

1. **Click on "APPLY FOR ADMISSION"**, select "SECOND-CYCLE DEGREE" and select the programme named "**Biomedical Engineering**";
2. **UPLOAD the required documents in PDF format:**

#### MANDATORY DOCUMENTS

- **A copy of your passport.**
- **Self-certification regarding your first-level academic qualification** with a **list of the exams taken**, if obtained in Italy, or a **copy of the qualification obtained abroad** which enables access to second-level degree programmes in the country in which it was obtained, accompanied by a **Transcript of Records** and a Diploma Supplement, where available, translated into Italian or English. If you have not yet obtained the aforementioned qualification, upload the list of exams taken or the Transcript of Records.
- **Certification attesting your English language proficiency.**

#### **Remember that:**

- The committee will only assess documents uploaded through the website. If there are any missing documents at the closure of the intake, the Committee will not be able to proceed with the complete evaluation.
- In case the documents' upload is uncomplete (for instance, in case the English Certificate is not provided), the application will remain "PENDING" (corresponding to the yellow dot on Studenti Online) and will be forwarded to the evaluating Committee at the following cut-off date, given that the student uploaded the missing document.
- Documents must not be sent by mail or email.
- **It is not required to attach additional documents** such as Curriculum Vitae, letters of reference or statements of purpose.

## **SECTION 6 – ADMISSION AND MATRICULATION**

If you are admitted to the Degree Programme you will be notified via the website [www.studenti.unibo.it](http://www.studenti.unibo.it) as of the date indicated in the general calendar. The result will be marked by a green dot (admitted) or a red dot (not admitted). After the confirmation email has been sent to your institutional account, you will be able to proceed with the enrolment.

If you are admitted to the Degree Programme you must enrol starting from February 8<sup>th</sup>, 2022, as outlined in the general calendar. You must:

1. **log into** [www.studenti.unibo.it](http://www.studenti.unibo.it) entering the username and password obtained when registering for the selection procedure.
2. **select "matriculation"**, then select "Second-cycle Degree", and then the Degree Programme "**Biomedical Engineering**" and enter the required data, attaching a jpg file containing a passport-size photo of your face.
3. **pay the first instalment** following the instructions on the website [www.studenti.unibo.it](http://www.studenti.unibo.it).

If you have a conditional offer, remember that you must obtain your First Cycle Degree by and no later than the date established by the Academic Bodies, which will be shared upon matriculation. Candidates who do not meet this requirement will be excluded. Remember to send a communication to the [Student Administration Office](#) as soon as you obtain the title.

After you have paid your matriculation fee, check on Studenti Online to see how to activate the career.

If you are a student with **disability** with recognised invalidity of at least 66%, and those whose disability is recognised by law 104/92, you can obtain an exemption by going to the web page [Exemptions for students with disability](#), upon matriculation. You must then send the certification attesting your disability to the [Student Administration Office](#)

## STUDENTS WITH FOREIGN QUALIFICATIONS

After completing the steps outlined above, check [the documentation necessary](#) for matriculation (Extended link <https://www.unibo.it/en/teaching/enrolment-transfer-and-final-examination/enrolling-in-a-second-cycle-degree-programme-foreign-qualification> ).

Remember that the documentation submitted in your application for admission (e.g., degree, transcript, etc.) must be [translated and its authenticity and value must be verified, where required](#)

Extended link (<https://www.unibo.it/en/teaching/enrolment-transfer-and-final-examination/declaration-of-value-translation-and-legalization>)

You must upload the documents related to foreign qualifications on [Studenti Online](#) by clicking on "Call for applications" and then "Matriculation for the 22\_23 academic year - document upload for international students with foreign qualifications".

When you arrive at the University of Bologna, you must make an appointment with the Cesena Campus [Student Administration Office](#) in order to show the original copies of your documentation.

## NON-EU STUDENTS AND RESIDENTS ABROAD

In addition to the above, you must pre-enrol on University and request an entry visa for study purposes. [Click here to learn how.](#) – (extended link <https://www.unibo.it/en/teaching/enrolment-transfer-and-final-examination/visa-and-rules-for-residence-in-italy/before-leaving-home-entry-visa>)

## FEES AND BENEFITS

The enrolment fees, net of the first instalment, for the 2022/2023 academic year and information on benefits and exemptions will be published on the University website on the page [Tuition Fees](#).

Remember that your contribution will be calculated on a progressive scale based on a valid ISEE certificate, only if submitted in accordance with the terms and procedures set out on the web page [Tuition Fees](#). If you do not submit an ISEE, you will have to pay the full tuition fees relevant to your degree programme.

If you are an international student, with income and assets abroad, you cannot request an ISEE calculation. Instead, you must present the [documentation confirming your economic situation and assets](#) issued by the authority competent in the territory in which the income was earned and where the assets are held. Further information is available at the page [Tuition Fees](#).

Information on other benefits can be found on the University website on the page [Services and Opportunities](#). If you are interested in benefits related to the right to higher education, you can consult the relative call published by the Regional Authority for the Right to Higher Education on the [Er.Go website](#).

## **SECTION 7 – CONTACTS**

For information on the admission requirements and procedure:

Programme Coordinator

Sara Zambelli

Email: [campuscesena.lm-biomedical@unibo.it](mailto:campuscesena.lm-biomedical@unibo.it)

Phone: +39 0547 338373

For technical support on Studenti Online

Studenti Online Help Desk

Email: [help.studentionline@unibo.it](mailto:help.studentionline@unibo.it)

Phone: +39 0512080301

For any issue concerning the admission and/or the enrolment procedure:

Student Administration Office – Cesena Campus

Email: [segcesena@unibo.it](mailto:segcesena@unibo.it)

Website: [Student Administration Office Cesena](#)