

**Call for applications**  
**Advanced training course entitled**  
**Master Class on Artificial Intelligence for Medicine and eHealth (AIME)**  
**Basic.**  
**a.y. 2022-23**

**The Head of Department**

- Having regard to Law no. 127 of 15.5.1997, published in the ordinary supplement to G.U. no. 113 of 17/5/1997 and subsequent amendments, concerning urgent measures for the streamlining of administrative activities and decision-making and control procedures;
- Having regard to the Decree of the Minister of the University and Scientific and Technological Research of 22 October 2004 no. 270 "*Modifications to the regulation containing norms concerning the teaching autonomy of universities*, approved by Decree of the Minister of the University and Scientific and Technological Research of 3 November 1999, no. 509 and in particular article 3, paragraph 9;
- Having regard to the Regulation of Postgraduate, Refresher and Continuing Education Courses and of First- and Second-Level University Master's Courses of the University of Genoa issued by Rector's Decree no. 551 of 10/02/2015
- Given the Regulation governing research and consultancy contracts, research agreements for third parties and the procedure for the award of internal paid appointments to lecturers issued by Rector's Decree no. 417 of 3/10/2011
- Having regard to the resolution passed by the Council of the Department of Education of the University of Genoa on 07/11/2022, which approved the activation of the **Master Class on Artificial Intelligence for Medicine and eHealth (AIME) Basic** as an educational activity envisaged within the Erasmus + Project **609506-EPP-1-2019-1-SE-EPPKA2-CBHE-JP "Knowledge Triangle, Innovation: Reinforcing of Education- Research E-Health & Medical Links"** [henceforth **ICU-RERE**], of which UNIGE is, through DISFOR, a partner;

**DECREES**

**Art. 1**

**General Rules**

**The Master Class on Artificial Intelligence for Medicine and eHealth (AIME) Basic** is activated for the academic year 2022/23 at the Department of Education Sciences of the University of Genoa, as an educational activity foreseen within the Erasmus + CBHE ICU-RERE Project, of which UNIGE is, through DISFOR, partner.

**Art.2**

**Aims of the Course**

**The Master Class on Artificial Intelligence for Medicine and eHealth (AIME) Basic**, henceforth **Master Class**, aims to provide basic training on the topics of artificial intelligence applied to eHealth to staff in training in the medical, pharmaceutical, dental, welfare and engineering fields.

**Art. 3**

**Teaching Organisation of the Course**

The course will be organised as follows

Duration: nine months (from January 2023 to September 2023)

Teaching methods: face-to-face, blended and distance learning

CFU - University credits: 30

Language: English

Teaching plan (with relative indication of credits and disciplinary scientific sector for each individual module)

<b>Discipline</b>	<b>Sector</b>		<b>ECTS</b>	<b>Hours</b>
Grid Health Technology for solution in health care organisation	MED/42	Hygiene	5	15
Artificial Intelligence Basics	INF/01	Informatics	3	9
Artificial Intelligence for Medical and eHealth diagnosis	INF/01	Informatics	4	12
e-Health and health information system	ING-INF/05	Information processing systems	4	12
Bioengineering for precision medicine	ING-INF/06	Electronic and computer bioengineering	5	15
Problem solving based e.Health. (Project work)			5	
Elective activities			4	12
		<b>Total</b>	<b>30</b>	<b>75</b>

Performance period: January 2023 to September 2023

The detailed timetable will be announced before the start of the course.

The course will be held in Genoa at the premises of the Department of Education Sciences (DISFOR), Corso Andrea Podestà, 2 in online mode with the exception of the module Grid Health Technology for solutions in health care organisation which will be held in mixed mode with the lectures in presence hosted at one of the Egyptian or Lebanese partner universities.

#### **Attendance and teaching methods used**

The lectures will be held mainly in online mode: only the Grid Health Technology for solution in health care organisation module will be held in mixed mode (in-presence and distance learning).

The Master Class should enable participants to develop:

- basic theoretical, epistemological and methodological knowledge in artificial intelligence, with reference to the different dimensions of the eHealth theme;

- technical-practical knowledge for the use of new technologies applied to healthcare;
- skills for developing, implementing, managing, and evaluating projects and interventions in the health sector, in order to respond to the growing demand for care in personal and community services.

Type of final examination: presentation of a Project work, documenting the path of reflection on the professional experience carried out by the participants during the intensive course.

#### **Art. 4**

##### **Course Director and Teaching Committee**

The Course Director is: Prof. Guido Franco Amoretti, Department of Education Sciences University of Genoa

The Lecturers who make up the Management Committee are: Prof. Mosad Zineldin, Erasmus+ Project Coordinator ICU-RERE and Prof. Diana Spulber

The structure which will be entrusted with the administrative and organisational management of the course is the Department of Education Sciences of the University of Genoa - C.so A. Podestà 2 - Genoa.

The Single Person in charge of the Procedure is the Administrative Secretary of DISFOR, Ms Cristina Cerkenik.

The contact person for the management of the administrative-accounting aspects of the course is Mr Matteo Marsano.

The contact person for the management of the didactic-scientific aspects connected with the course is Dr Debora Devcich.

For any information please contact the course director, Prof. Guido F. Amoretti [<https://rubrica.unige.it/personale/VUZCWINh>].

#### **Article 5**

##### **Admission procedures and assessment criteria**

**A maximum number of 200** students are admitted to the course.

The minimum number for activation is 10 students.

Enrolment is reserved for students/graduates in the medical, pharmaceutical, dental, nursing and engineering fields indicated by the partner universities of the Erasmus+ ICU-RERE project:

In the event of a higher number of participants than the maximum number, the first 200 candidates will be admitted according to the date and time of confirmation of application submission (Art. 7)

#### **Art. 6**

##### **Contributions to be paid by participants**

Registration and attendance of the **Master Class on Artificial Intelligence for Medicine and eHealth (AIME) Basic Course** for the academic year 2022/23 are free of charge.

The costs for the organisation and delivery of the didactic activities, as well as the **two virtual revenue stamps of € 16.00 each** (one for the application, the second for the issue of the final certificate (see art. 9 below) are borne in full by the Erasmus+ ICU-RERE Project

## Art. 7

### Submission of applications

The application for admission to the competition must be submitted via the on-line procedure available at <https://servizionline.unige.it/studenti/post-laurea/corsiperfezionamentoformazione/>, **no later than 12 noon on 10/01/2023**

The date of submission of the application for admission is certified by the computer system, which will no longer allow access and submission of the application once the deadline has expired.

In the event of lack of UniGePASS student credentials, it will first be necessary to request them at the following address: <https://servizionline.unige.it/studenti/post-laurea/corsiperfezionamentoformazione/registrazione>

**In the application form the candidate must self-certify under his/her own responsibility, under penalty of exclusion from the competition**

a. surname, first name, tax code, date and place of birth, residence, telephone number and address for the purposes of the competition. The tax code may be omitted if the foreign national is not in possession of one, with this fact being highlighted;

b. nationality;

c. the type and name of the qualification held, with an indication of the date and the school where it was obtained, **or the equivalent qualification** obtained at a foreign school, as well as the details of any provision by which equivalence was declared or the application for equivalence (see following paragraphs)

**Enrolment on the course is NOT a sufficient condition for applying for a residency permit.**

**A valid double-sided identity document, with photo, in PDF format must be attached to the application form.**

All attachments must be included in PDF format. Pursuant to decree no. 445 of the President of the Republic of 28 December 2000, in the case of declarations made in the application for admission, in the event of falsity in deeds and mendacious declarations, the penal sanctions provided for by art. 76 of the aforementioned decree no. 445/2000 shall apply.

**In the case of a qualification obtained abroad**, if the qualification has not already been recognised as equivalent, the applicant must request its equivalence for the purposes of the competition only, attaching the following documents to the application: qualification translated and legalised by the competent Italian diplomatic or consular representation of the country in which the qualification was obtained; "declaration of value" of the qualification issued by the same representation.

**Applicants who do not include all the required information in their application will be excluded from the admission list.**

**The University may adopt, even after the publication of the admission list, exclusion measures against candidates who do not meet the requirements.**

The admission list will be posted at the Course Secretariat and published on the UNIGE website at <https://servizionline.unige.it/studenti/post-laurea/corsiperfezionamentoformazione/> and on the UNIGE DISFOR website at <http://www.disfor.unige.it/didattica/post-laurea/corsi-perfezionamento> **on 12/01/2023.**

## **Art. 8**

### **Enrolment completion**

Admission to the course for those eligible must be finalised **no later than 16/01/2023** by using the online procedure indicated at <https://servizionline.unige.it/studenti/post-laurea/confermaPL>, then clicking on "postgraduate enrolment confirmations".

Candidates who have not enrolled by the above-mentioned deadline shall be deemed to have withdrawn.

For information on the organisation of the Course, please contact the Course Director, Prof. Amoretti.

## **Art. 9**

### **Awarding of certificate of attendance**

At the end of the **Master Class on Artificial Intelligence for Medicine and eHealth (AIME) Basic Course**, in the opinion of the Management Committee, enrolled students who have fulfilled their obligations and obtained a positive assessment for the final project work, will be issued with a certificate of attendance and passing the final test, by the Course Director, pursuant to Art. 8 of the Regulations for Postgraduate, Refresher and Continuing Training Courses and First and Second Level University Master's Courses issued by the University of Genoa with R.D. no. 551 of 10/02/2015.

## **Art. 10**

### **Sanctions in the event of false declarations and exclusion from the rank list**

In accordance with the decree of the President of the Republic no. 445 of 28 December 2000, in the case of false statements in deeds and mendacious declarations, the penal sanctions set out in art. 76 of the aforementioned decree no. 445/2000 apply. In cases where the legislation on substitutive declarations (Presidential Decree No. 445/2000 and subsequent amendments and additions) is not applicable, the candidate nevertheless assumes responsibility (civil, administrative and criminal) for the declarations made.

The Administration reserves the right to carry out the checks and verifications provided for by the provisions in force. Candidates who make false declarations shall automatically forfeit their registration, without prejudice to the application of further administrative and/or criminal sanctions provided for by the regulations in force.

The University Administration accepts no responsibility for the loss of communications due to inaccurate information on the residence and address of the applicant or failure or delay in communicating a change of the same, nor for any postal or telegraphic errors not attributable to the fault of the Administration itself.

## **Art. 11**

### **Protection of Personal Data**

The personal data provided by candidates will be managed by the University of Genoa, Department of Education Sciences, Corso Andrea Podestà 2, 16128 Genoa, and processed in accordance with the provisions of EU Regulation no. 2016/679 (GDPR) and Legislative Decree 30.06.2003, no. 196 (Personal Data Protection Code), as amended by Legislative Decree 10.08.2018, no. 101.

THE DIRECTOR OF THE DEPARTMENT

Prof. Guido Franco Amoretti