HIGHLIGHTS

Program name

Master of Science in Data Analytics and Artificial Intelligence in Health Sciences (DAIHS)

Program Directors

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Program duration	**CFU**
2 years	120 CFU

Language	**Places**
English	50

Overview

DAIHS is a two-year course specifically focused on the intersection between data science, medicine, and life sciences, aiming to train a professional with advanced knowledge in data analytics, machine learning, artificial intelligence and with all the necessary knowledge to apply these advanced skills within hospitals, research laboratories, companies and regulatory bodies.

ADMISSION PROCEDURES

1. Academic requirements

In order to apply candidates are required to:

1.A. hold a Bachelor's Degree which complies with the requirements listed in the Annex A or a higher level qualification (i.e. Master's Degree or Degree in Medicine);

or

1.B. be enrolled to the last year of a Bachelor's Degree, terminating before October 31st 2026. These candidates may receive a conditional admission and their enrollment will be confirmed when obtaining the Bachelor's Degree;

and

2. obtain at least 30 credits in specific academic subjects (*settori scientifico-disciplinari* as coded by the Italian regulation), of which at least 18 related to STEM (Science, Technology, Engineering and Mathematics) subjects as per the list below (the STEM disciplines are underlined).

Students who have not obtained the above-mentioned credits when applying must meet the requirement by October 31st 2026;

3. hold an English language certification with minimum score B2 of the Common European Framework of Reference for Languages (CEFR) as specified in the Annex B by July 31st 2026.

For non-Italian Degrees the evaluation of the academic subject requirements will be carried out considering the academic contents, their duration and number of credits.

Subject List

Statistics

SECS-S/01 Statistics
SECS-S/02 Statistics for experimental and technological research
SECS-S/03 Economic statistics
SECS-S/04 Demography
SECS-S/05 Social statistics
SECS-S/06 Mathematical methods of economy, finance and actuarial sciences

Mathematics and informatics

MAT/01 Mathematical logic
MAT/02 Algebra
MAT/03 Geometry
MAT/04 Mathematics education and history of mathematics
MAT/05 Mathematical analysis
MAT/06 Probability and statistics
MAT/07 Mathematical physics
MAT/08 Numerical analysis
MAT/09 Operational research
INF/01 Informatics

Information engineering
ING-INF/05 Information processing systems
ING-INF/06 Electronic and informatics bioengineering

Physics
FIS/01 Experimental physics
FIS/02 Theoretical physics, mathematical models and methods
FIS/07 Applied physics

Biology
BIO/06 Comparative anatomy and cytology
BIO/09 Physiology
BIO/10 Biochemistry
BIO/11 Molecular Biology
BIO/12 Clinical biochemistry and molecular biology
BIO/13 Experimental biology
BIO/14 Pharmacology
BIO/15 Pharmaceutical biology
BIO/16 Human Anatomy
BIO/17 Histology
BIO/18 Genetics
BIO/19 General microbiology

Medicine
MED/01 Medical Statistics
MED/03 Medical Genetics
MED/04 Experimental medicine and pathophysiology
MED/05 Clinical pathology
MED/06 Medical Oncology
MED/07 Microbiology and clinical microbiology
MED/08 Pathology
MED/18 General surgery
MED/36 Diagnostic imaging and radiotherapy
MED/41 Anaesthesiology
MED/42 Hygiene and public health

2. How to apply: deadlines and modalities

Applications may be submitted in three different rounds:

1st Application round: from October 01st 2025 to November 28th 2025;

2nd Application round: from December 15th 2025 to February 27th 2026;

3rd Application round: from March 16th 2026 to May 15th 2026.

The online application procedure consists of the following steps:

1. **On-line registration to the Humanitas University Registration Portal (**https://humanitas-admission.ilmiotest.it**):** candidates must register to the web portal by entering their name, surname and e-mail address. After receiving the first e-mail of the Microsoft authentication process, it is necessary to click on "Accept invitation" and complete the registration by requesting the single-use access code.

N.B. candidates have to request a single-use access code for each access;

2. **Application procedure:** after completing the registration to the portal, candidates must apply to the Program by the deadlines mentioned above. Candidates must log in, enter the required data in the "Personal Details" section, click on the menu option "Apply" and select the Master of Science in Data Analytics and Artificial Intelligence in Health Sciences Program;

3. **Upload of the academic documentation and payment of the application fee:** the candidates must upload the academic documentation required for the evaluation and complete the payment of the application fee.

Fee: The application fee is **€ 100.** It must be paid by November 28th 2025 in order to apply for the first round, by February 27th 2026 in order to apply for the second round and by May 15th 2026 in order to apply for the third round. The payment must be completed **exclusively via credit card**.

The application procedure is completed once the application fee is paid.

The application fee is not refundable under any circumstances.

3. Required academic documentation
When applying candidates are required to upload the following data and documentation:
- Curriculum Vitae;
- Motivational Letter;
- Details of the Bachelor's Degree;
- Copy of the Degree Diploma or copy of the Diploma Supplement (for **graduated students** only);
- Transcript of Records with the list of all exams – both passed and yet to take - with the relevant grades and credits (including *settori scientifico-disciplinari* for **Italian Degrees**);
- Local grading scale issued by the University awarding the Degree (for **non-Italian Degrees**).

All documents must be either in Italian or English language. If they are issued in another language, candidates must upload their official translations in Italian or English language.

4. Evaluation of the applications
Applications are evaluated by the Admission Committee considering the previous academic career and the student's overall profile.
At the end of each round, the Committee draws up an admission list which determines if a candidate is admitted or not admitted.

5. Admission list publication
First round: by December 12th 2025;
Second round: by March 13th 2026;
Third round: by May 29th 2026.

Candidates may visualize their admission status (admitted/not admitted) through the University web portal MyPORTAL, by accessing the reserved area and clicking on the menu option "Admission tests" from the "Student Office" section.

6. Online enrolment for the academic year 2026/2027
All admitted candidates receive an e-mail which includes the enrolment procedure and deadline from info@hunimed.eu.

It is mandatory to complete the payment of the first instalment – **€ 2.656,00** – by the deadline specified in the e-mail, **on penalty of exclusion.** The amount includes the regional tax, currently 140 Euro worth, that may be subject to increase. In this event the first instalment will be increased accordingly and admitted candidates will receive a relevant communication.

The first instalment cannot be reimbursed.

Candidates who have been admitted must finalize the on-line enrolment procedure by:

1. Uploading the following documents through MyPORTAL:
   * Photocopy of Passport – mandatory;
   * Photocopy of tax code (Codice Fiscale) – mandatory only for **candidates who already hold it**;
   * Passport-size picture – mandatory;
   * Signed copy of the acceptance letter – mandatory.

2. Providing a self-declaration of the Degree Diploma they have obtained.

3. Fully accepting the privacy policy and economic conditions specified in the Call for Application and in the University Fee Regulation.

If the Admisison Office does not have enough elements of evaluation to verify the academic career of the candidates, they will be asked to submit also the Declaration of Value of their Degree or valid alternative certifications such as the statement of comparability issued by CIMEA.

Once enrolled at Humanitas University, students with previous university careers can submit their curriculum and request the recognition of credits obtained at other institutions. Recognition is subject to evaluation, according to the procedure which will be shared at the beginning of the Program.

Annex A

A Bachelor's Degree is considered valid if it matches the following requirements:

- 180 educational credits (ECTS);
- a length of **at least 3 years;**
- **comparable** to an **Italian Bachelor Program;**
- **awarded** by a foreign university recognized within the educational system of the country that issues the Degree. This recognition should allow the Degree holder to continue their studies in a postgraduate (second-level) program.
  (i.e. an undergraduate degree issued by a US University in Greece must be recognized as valid for the purposes of continuing studies in a post-graduate program in the United States).

A first cycle degree from a **Bocconi Partner University** (.pdf) is considered valid as well.

Annex B

The English language requirement is met if the candidate holds one of the following:
- University Degree (or secondary school diploma) awarded in English **or**
- English exam at B2 level (or higher) passed in a university course **or**
- One of the recognized international English language certificates listed in the table below.

Recognized certificates	Test administrator	Minimum score required
BEC Higher Business English Certificate Higher	Cambridge Assessment English	173
BEC Vantage Business English Certificate Vantage	Cambridge Assessment English	Grade B or 173
CAE Certificate in Advanced English	Cambridge Assessment English	173
CPE Certificate of Proficiency in English	Cambridge Assessment English	180
FCE First Certificate in English	Cambridge Assessment English	B or 173
IELTS academic International English Language Testing System	British Council, IDP IELTS Australia, Cambridge Assessment English	6.5 with at least 6 in every section
TOEFL IBT Test of English as a foreign language - internet based test	(ETS) Educational Testing Service	88
Duolingo English test	Duolingo	110
English Mother tongue*	-	-

*Please note that students who are nationals from a majority English-speaking country are automatically assumed to meet the minimum English Language requirement. These countries are, for example, Australia, Canada, New Zealand.