HU
HUMANITAS
UNIVERSITY

SECOND CALL FOR APPLICATIONS FOR NON-EU CITIZENS NOT RESIDENT IN ITALY TO THE ONE-CYCLE DEGREE COURSE IN MEDICINE AND SURGERY WITH LIMITED ACCESS (Class LM-41) IN ENGLISH AT HUMANITAS UNIVERSITY

Academic year 2021/2022

Admittance to the Medicine and Surgery Degree Course is subject to selection through the University's admissions test.

Art. 1 Number of places available

For the academic year 2021/22, the number of places still available for NON-EU citizens not resident in Italy after the first admissions test is **10**.

The number of places available may change in accordance to a later Decree of the Ministry of University and Research (M.U.R.), pursuant to the provisions of Law n. 264, August 2, 1999. The Decree of MUR could confirm, increase or decrease the number of places available.

Art. 2 Admission requirements

Only candidates holding citizenship and education requirements reported in this paragraph are entitled to apply.

Citizenship Requirements

Only NON-EU citizens who are not resident in Italy are entitled to apply for the present call for application, on penalty of exclusion.

Candidates holding either an Italian or a European citizenship **may not apply as NON-EU students** since they belong to the EU category.

Candidates applying and sitting the test without possession of the citizenship requirements will not be considered for the ranking.

Education Requirements

To write the admissions test, candidates must either be in possession of a Secondary School Diploma or completing the last year of their secondary education (high school) by July 31st 2021.

For students holding a foreign high school qualification, a diploma is considered valid if obtained

after at least 12 years of education, accompanied by the Declaration of Value issued by the Italian diplomatic authorities.

If the local school system provides for 10 or 11 years of schooling, the title is valid when integrated with one or two years of university, having passed all the required exams for those academic years.

Candidates not holding valid qualifications, according to the requirements of law, will lose the right to enrol. Furthermore, if already enrolled, the candidate's enrolment will be cancelled.

For the validation of foreign qualifications, Humanitas University will follow Ministry guidelines for the academic year 2020-21 (latest update June 16th 2020) available in Italian at:

http://www.studiare-in-italia.it/studentistranieri/

Art. 3 Test content

The admissions test is conducted entirely in English. Candidates are required to answer sixty (60) multiple choice questions. There will be four (4) response options, of which only one is correct. The test will be **home-based** as per the articles which will follow.

Each exam session will have a unique test, all of which are the same level of difficulty.

Based on the programs listed in Annex A at the end of this document, the questions are divided as follows:

Scientific Thinking (30 questions)
- Procedural Thinking (10 questions)
- Mathematical Thinking (10 questions)
- Visual Thinking (10 questions)

Academic Literacy (30 questions)

Art. 4 Application for the admissions test: deadline, modalities and procedures

The application for the admissions test must be completed exclusively online through the University website www.hunimed.eu. Registration will be open from **12th April 2021** until **29th June 2021**.

Testing Date: Thursday, 8th July 2021.

Two sessions will be available:
1. Thursday, July 8th 2021 at 10:00 CEST
2. Thursday, July 8th 2021 at 16:00 CEST.

Testing Location: The test will be written online. All necessary procedures and protocols are outlined in Art 4.1.

Online application procedure:

1. **MyPORTAL Online registration at https://humanitas.esse3.cineca.it**: the candidate must register online to receive a username and a password; the username and password will be necessary to access the personal page on Humanitas University MyPORTAL.

2. **Application for the Admissions Test:** the candidate must apply for the admissions test through MyPORTAL according to the timeline reported above. After the login, candidates must click "Admission test" from the right-hand menu bar and select "Medicine and Surgery Degree Course" first and "Non-EU Admissions Test" on the following page. Candidates must complete all the required steps until they receive a confirmation e-mail with a link to the website where it is possible to pay the test fee and select the exam session.

3. **Payment of the test fee and choice of the exam session**: the link redirects candidates to the Selexi homepage. Candidates must use MyPORTAL username and password to login the portal. After indicating the home address, it is mandatory to complete the payment of the test fee to be able to select the exam session.

   At the end of the registration time window, from June 30th to July 2nd 2021, the candidate will receive a confirmation email with instructions for accessing the test (see art 4.1). **Should candidate not receive the above-mentioned e-mail, please contact the Helpdesk Staff at convocazioni@ilmiotest.it.**

Fee: The test fee is €165,00. Payment must be completed by credit card **no later than June 29th 2021,** which is the last day of registration. Please note that the payment of the test fee alone does not mean registration has been completed. **The registration fee of € 165,00 is non-refundable in any case.**

The application for the Admissions Test must be completed according to the instructions described above, on penalty of exclusion.

Art. 4.1 Delivery of the Admission Test

The registration confirmation e-mail, which is sent to all candidates at the end of registration, contains indications on how to complete the computer set up for the test.

Candidates are required to:
1. Install the Proctor Exam Google Chrome plugin, necessary to guarantee appropriate invigilation during the exam.
2. Complete a system check, which verifies that the video, audio, and internet connection is adequate for access to the exam.

When completing the above-mentioned steps – **to be completed at least 48 hours prior the test day** - candidates will receive a second e-mail containing the link to access the exam and instructions on how to complete their identification, which will be available in the hour before the test session scheduled time, and the environmental check to allow invigilation. Any official photo ID can be used

for identification (passport, national ID card, driving license). The link to access the exam will be activated at the test session scheduled time.

During the test, invigilators will monitor candidate behavior via webcam.

The time allowed to complete the test is 120 minutes and the test is divided in two parts:
- Part 1: 60 minutes for the scientific thinking questions;
- Part 2: 60 minutes for academic literacy questions.

During the test, candidates should be aware of the following rules:
- Candidates who do not complete the identification before the test session scheduled time will not be allowed to sit the test.
- Once the candidate submits part 1 of the test or the time expires, the candidate will not be able to access that part of the test again.
- Candidates must be visible on their webcams at all times. Going to the bathroom during the test is forbidden.
- Candidates are allowed to use blank paper and a pen to make calculations – invigilators will require candidates to show them before the beginning of the test.
- Candidates may not wear headphones. Speaking to anyone during the test is prohibited.
- Candidates are strictly forbidden from using phones, additional devices, books or notes during the test.
- Candidates must be in a bright room and clearly visible for the entire duration of the test.
- Nobody else may be present in the room during the test.
- Candidates consent to being video recorded during the test.

Candidates **will be monitored at all times** while taking the test. In addition, **recordings will be reviewed after the test** to evaluate candidate's behavior and validate the final score. Those who do not comply with the above rules will be **disqualified**. The Supervision Committee will ensure that all rules are respected and will act accordingly if any violation should occur.

Art. 4.2 – Required hardware and software
In order to take the admission test online, candidates **must** have the following hardware and software requirements available:

Hardware:
- A computer or laptop with webcam, microphone and speakers.
- A smartphone or tablet.

Please note that **both** a computer/laptop **and** a smartphone/tablet are necessary to take the test.

Software and Internet connection:
- Operating system: Windows 8 or later
- MAC-OS 10.12 or later
- Browser: it is mandatory to use **Google Chrome** (Version 81.0 or later);
- Internet connection: minimum upload and download speed of 1 Mbps. It is highly recommended that candidates use a wired internet connection for the test.

- Smartphone or tablet (Android min v.4.1 – IOS min. v.8) equipped with a video camera.

Candidates will also be requested to download an APP on their smartphone/tablet (34MB) from Google Play or App Store.

Privacy

All candidates' personal data will be exclusively used to provide the admissions test and to elaborate test scores and ranking list.
For further details candidates can read the privacy policy on the MyPORTAL area of the www.hunimed.eu website.

Art. 5 Candidates with special education needs

Candidates with any kind of disability are invited to make a formal request for the support they need in order to complete the test. Candidates with learning disabilities may request the special terms foreseen in the Ministerial Decree DM 5669/2011 to guarantee equal opportunities during the test, including additional time for completing the test.

Among those candidates with disabilities the following should be considered: candidates who are blind, suffering from complete blindness or with vision not exceeding one tenth in both eyes; candidates who are deaf, from birth or before learning to speak; candidates with percentage of civil disability equal to or higher than 66%, candidates with handicap certificate of disability according to Law 104/92 as amended by Law 17/99. Disabilities must be certified by appropriate medical certificate issued by the competent health authorities. Certificates will be accepted in Italian or in English.

Among the candidates with learning disabilities the following should be considered: candidates affected by dyslexia, dysgraphia, dyscalculia or dysorthographia, certified by appropriate medical certificates, issued no earlier than 3 years prior by the National Health Service, by specialists or by accredited medical institutions, if approved by the Regions. The additional time for completing the test for candidates with learning disabilities will be in the measure of 30% compared to the standard time for the test, pursuant to Ministerial Decree DM 5669/2011.

These requests must be specified when applying for the Admissions Test on MyPORTAL and the medical certificates must be attached in electronic format. **Certificates sent by e-mail will not be accepted.**

During the online procedure, after clicking on admissions test, candidates with special needs are required to request accommodations by selecting the relevant box and attach the medical report on the upload tab.

Art. 6 Test Assessment and rankings

Candidates are admitted to the Degree Course in descending order based on their score.

The scores are assigned as follows:
- •3 points for each correct answer
- •-1 point for each incorrect answer
- •0 points for each non-given answer. The highest achievable score is 180 points.

Candidates who do not obtain at least 20 points in each of the test parts will not be considered for enrollment.

Should two or more candidates obtain the same score, the following criteria will be applied:

1. The higher ranking position will be assigned to the candidate who has obtained a minor score difference, in absolute value, between the Scientific Thinking section and the Academic Literacy section;
2. In case of further equal scores the higher ranking position will be assigned to the candidate who has obtained the highest score in the Scientific Thinking section;
3. In case of further equal scores the higher ranking position will be assigned to the candidate who has obtained the highest score respectively in the Scientific Thinking subsections of Procedural Thinking, Visual Thinking, Mathematical Thinking;
4. In case of further equal scores priority will be given to the younger candidate.

Art. 7 Publication of the ranking list

After the test has been corrected, the ranking list will be published by Humanitas University **on July 15th 2021** on the website www.hunimed.eu, maintaining anonymity. Candidates will be able to see their position in the ranking list through the pre-matriculation number generated during the Admissions Test application procedure. Moreover, using the *username* and *password* obtained during the registration on the portal, candidates can see their score by accessing their personal page.

Art. 8 Online enrollment and reserve list

Enrollment - to be completed exclusively online - will be possible between **July 15th 2021 and July 21st 2021**. In this time range:

- • Candidates with a ranking position from n. 1 to n. 5, who are eligible for a partial scholarship funded by the University, will automatically be considered as **pre-enrolled** until the Scholarship Winners are announced. [1]

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[1] **One partial scholarship** – € 16.000,00 worth – is available**. The first 5 candidates** ranked in the Non-EU Entrance Exam Ranking List must send the following documents by 21 July 2021 to the address info@hunimed.eu, indicating in the subject **"Humanitas University Non-EU Scholarship":**

- • Motivation Letter and *curriculum vitae* in the English Language.

All **candidates who have not sent this documentation** by the above deadline **will not be able to compete** for any of the scholarships.

Award criteria

The scholarship will be assigned according to the following criteria: score of the Entrance Exam and outcome of the motivational interview.

For each parameter, a score will be determined according to the following criteria:

Parameter	Score Calculation Criteria

- Candidates with a ranking position from n. 6 to position n. 10 are entitled to enroll.

- Candidates with a ranking position from n. 11 to position n. 15 are entitled to a conditional enrollment. Conditional enrollments will be confirmed, following the ranking order, based on the places available due to withdrawals of some students placed from position n. 1 to position n. 10. Confirmations will be sent by e-mail on July 22nd 2021.

Before July 21st 2021, both admitted candidates (from position 6 to position 10 of the ranking) and conditionally admitted candidates (from position 11 to position 15 of the ranking) **must complete the payment of the first instalment, which amounts to 4.156,00 €, on penalty of exclusion.**

Free places, for candidates from position 16 in the ranking, will be assigned according to the following procedure:

- Publication on the website www.hunimed.eu of the number of places not covered due to withdrawals. Based on the test ranking and according to the number of available places, the University will begin the admission of candidates who ranked from position 16 onwards (reserve list).

- Eligible candidates must enroll and pay the first instalment (4.156,00 €) by the deadline reported into the admission e-mail they will receive from the University.

- The procedure will be repeated until there are no more places available.

Even candidates in the reserve list might be invited to complete a conditional enrollment. The deadline will be specified in the conditional admission e-mail they will receive from the University.

Candidates who do not comply with the above-mentioned deadlines will lose the right to enroll at Humanitas University.

Art.9 Reimbursement of the first installment

First installment (of an amount of € 4.156,00) will be reimbursed only to conditionally admitted candidates (from position n. 11 to position n. 15) if enrollment cannot be confirmed. This condition will occur if available places will be taken by other candidates with a higher position in the ranking.

Entrance Exam result	Exam score
Outcome of the motivational interview	From 0 to 120 points

The total score achieved by the candidate will be calculated by the sum of the scores relative to the parameters listed above, determined according to the established criteria.

The **maximum** achievable score is **300 points**.

In case of **equal scores**, the **highest position** in the ranking list is assigned to the **candidate who obtains a better exam score**.

Candidates will be called to hold an interview with a Special Scholarship Commission. The interview is aimed at determining the motivation and aptitudes of the candidates towards the study of the courses included in the study plan of the degree course. Candidates can hold the interview by videoconference.

The dates of the interviews will be communicated to the candidates immediately following the publication of the Ranking List of the Entrance Exam.

Those candidates will be reimbursed within 60 days of being notified.

In no other cases or conditions will the first installment be reimbursed.

The regional tax (amounting to € 140,00) will be reimbursed only to candidates transferring from an Italian University, having passed the Humanitas University admissions test and already paid the regional tax to the incoming university for year 2021/2022.

Art.10 Completion of enrollment at Humanitas University

Candidates who have been invited to enroll must finalize the on-line enrolment procedure by:

1. Uploading on the following documents to the online portal (MyPORTAL):
   - Photocopy of Passport.
   - Photocopy of tax code (Codice Fiscale) if already obtained.
   - Passport photo.

2. Providing a self-declaration of high school qualification achieved.

3. Fully accepting the privacy policy and economic conditions specified in the call and in the University Fee Regulation.

Students completing the online enrolment procedure, having paid the first instalment, achieve the full enrolment status at Humanitas University.

For students holding a foreign secondary school qualification, a copy of that certificate translated into Italian and legalized by the Italian Consulate/Cultural Institutes, together with the Dichiarazione di Valore (Declaration of Value) released by the Consulate. These documents can be handed in at Humanitas University Student Office from Monday to Friday, from 9.00 to 12.00 and from 14.00 to 17.00. An appointment is not necessary.

Once enrolled at Humanitas University, students with previous university courses can submit their curriculum and request the recognition of their prior activities. Recognition is subject to evaluation according to the Humanitas University procedure.

Art. 11 Supervision committee and person responsible for the procedure

To assure the fairness of the Admissions Test procedure, Humanitas University will appoint a committee, to be formed of at least three members. University and external personnel will help the commission in the candidate identification and test supervision.

The person in charge of the procedure is Dr. Massimiliano Laganà (Managing Director of Humanitas University), email info@hunimed.eu. For further information, candidates can contact the Student Office by phone at +39 02 8224 3777.

Art. 12 OFA (Additional Training Obligation)

In addition to the admission test, whose purpose is to evaluate the fundamental skills required of candidates for the Degree Course in Medicine and Surgery, the University also considers it appropriate to establish whether there are any educational gaps in topics considered prerequisite for the first year. If any such educational gaps exist, the University will help enrolled students to fill these gaps:

- All enrolled students will undergo a mandatory evaluation test (which is different from the admission test) to evaluate their knowledge from previous study which is related to the disciplines of chemistry, physics, mathematics, and biology.
- If the score obtained on the evaluation test is less than 50% in any of the test subjects, the enrolled student will be required to take a recovery course (Additional Training Obligation, OFA), for each discipline not passed. The recovery courses are offered during Induction Weeks.
- If the student is required to take an Additional Training Obligation, OFA, they will be retested at the end of the Induction Weeks. The final test will cover the individual discipline for which the recovery course was taken. In order to consider the OFA complete and to take any of the exams in the Degree Course of Medicine and Surgery, the final test must be passed. If the test is not passed at the end of the Induction Weeks course, further recovery tests will be provided on later dates.

For students who are required to take OFAs, but who cannot participate in the Induction Weeks scheduled for September due to late enrollment, the University will provide recordings and course materials in order to help the student successfully pass the final test.

Date and modality of the evaluation test
The date of the evaluation test will be communicated after the student's enrollment.
The test will be written online through the University's platform on the date and time communicated.

Art. 13 – Table of deadlines

Beginning of Admissions Test applications	12/04/2021
Deadline of Admissions Test applications	29/06/2021
Admissions test	08/07/2021
Publication of ranking list	15/07/2021
Beginning of enrollments	15/07/2021
Deadline for enrollments and payment of first installment	21/07/2021
Enrollment from the reserve list	22/07/2021

Annex A

Scientific Thinking

__Mathematical Thinking__ measures these abilities:

1. interpret graphs given an example

2. predict changes in variables in simple formulae

3. use formulae by substituting values and calculating the result

4. solve problems with symbols in place of variables, including simultaneous equations

5. put numbers in the correct order, including decimals and negative numbers)

6. work with orders of magnitudes and conversions

SYLLABUS OF EXPECTED MATHEMATICAL KNOWLEDGE

Basics of set theory:
- empty set, union, intersection, difference
- complementary set
- subset

Arithmetic:
- natural numbers
- operations (addition, subtraction, multiplication, division) and their properties
- priority of operations
- multiples and sub-multiples
- prime numbers and decomposition into prime factors
- greatest common divisor and least common multiple of two natural numbers
- integer numbers
- absolute value
- rational numbers as fractions
- conversion of fractions into finite or periodic decimal numbers
- use of '.' and ',' in the English convention
- meaning of hundred, thousand, million, billion, and trillion, as well as tenth, hundredth, etc.
- rounding a number
- percentages and proportions
- definition of a power with integer exponent
- properties of powers
- scientific notation
- square and cubic roots
- order of numbers, properties and powers

Algebra:
- variables, monomials, and polynomials
- special products

- substituting values into variables
- identities and equations
- addition and multiplication rules for equations
- linear and quadratic equations in one variable
- verifying solutions
- simultaneous linear equations with two or three variables
- addition and multiplication rules for inequations
- linear and quadratic inequations in one variable

Basics of geometry:
- formulae for the perimeter and area of squares, rectangles, triangles, parallelograms, circles

Analytic geometry:
- representation of numbers on a straight line
- coordinates of a point
- straight lines: vertical, horizontal, oblique
- equation of a straight line
- slope and intercept
- finding intersections between straight lines or between a straight line and the axes

Graphs:
- reading a graph
- finding quantities represented on the x- and y-axis, together with their units of measurement
- identifying the trend of a graph
- finding maxima and minima graphically
- comparing two graphs using the same x- or y-scale

Quantities:
- time (seconds, minutes, hours)
- dates (days, weeks, months, years)
- money (€, $)
- length (meters and its multiples/submultiples)
- mass (grams and its multiples/submultiples)
- area
- volume (m^3 and litres, and their multiples and submultiples)
- conversion of a unit of measurement into its multiples or submultiples

Procedural Thinking measures these abilities:

1. follow a procedure/protocol/algorithm correctly (for example by using a flow chart)
2. predict the outcome of a perturbation in an interconnected system
3. apply the concept of collecting elements from different sets
4. compare a set of data with a scientific theory that can be confirmed or disproved by data
5. select relevant data and discard/ignore useless data
6. choose the most effective concept map to summarise a text

Visual Thinking measures these abilities:

1. demonstrate three-dimensional thinking ability
2. find complementary shapes
3. recognise mirror images
4. identify different visual patterns, including based on a description or an example
5. demonstrate careful observations, including localising objects in relation to other objects
6. describe a picture or a set of elements

Academic Literacy – Critical

1. Critical Thinking e.g. drawing reasoned conclusions and implications from data, statements, principles, judgements, beliefs or opinions.
2. Local expeditious reading, e.g. scanning and searching for specific details.
3. Global expeditious reading, e.g. skimming for gist, searching for key ideas.
4. Global careful reading, e.g. comprehending main ideas, connecting ideas from different texts and understanding how different texts relate to each other.
5. Word- and sentence-level processes, e.g. word recognition, meaning of a preposition.