

Call for Applications for the Single-Cycle Degree Programme in Medicine and Surgery taught in English LM-41

Academic Year 2023/2024



Università degli Studi di Messina

Call for applications for the Single-Cycle Degree Programme in Medicine and Surgery taught in English Academic Year 2023/2024*

Checklist

Register for the IMAT admission

test on Universitaly and pay the fee

from 18 to 29 September 2023

Take the IMAT admission test

Tuesday, 17 October 2023

Find out your test result

anonymously 2*6*/10/2023

Look at your test 31/10/2023

Consult the ranking list

7 November 2023

^{*} This document summarises the main elements of the 2023/24 call for applications for the Single-Cycle Degree Programme in Medicine and Surgery (taught in English) at the University of Messina. Please note that the official call for applications is written in Italian.

To the extent any translated part or element of this document conflicts with the Italian version, the Italian version controls and will prevail in case of legal controversies.

1 - PURPOSE

This call defines the admission procedures for the first year of the single-cycle nationally programmed degree in Medicina e Chirurgia in lingua inglese, Medicine and Surgery in English (LM-41), for academic year 2023/2024 in compliance with Ministerial Decree 7 August 2023, n. 1082.

The information regarding this course is available on the university web site (regulations, application requirements, study plans, training objectives, information and contacts, etc.).

2- PLACES AVAILABLE

The Ministry of Universities and Research (MUR) has determined the number of available places for academic year 2023-24:

| Name of Degree Programme | Places reserved for EU candidates and non-EU candidates residing in Italy | Places reserved for non- EU candidates residing abroad | Total places |
|--|--|--|--------------|
| Single cycle degree in Medicine and Surgery in English | 55 | 56 | 111 |

For non-EU candidates residing abroad, every university determines admission to the degree programme based on a merit-based ranking list, according to their allowed quota.

Any unfilled places will be made available as part of the places intended for students from the EU and non-EU countries residing in Italy as referred to in article 39, par. 5, of Legislative Decree 25 July no. 286, in time for the scrolling of the relative rankings and without prejudice, where possible, to any compensation between universities within the same quota reserved for students from non-EU countries residing abroad.

Non-EU candidates residing abroad

Non-EU citizens residing abroad registering for the IMAT test must follow the procedures defined by the Ministry of Universities and Research according to the information contained in the appropriate document available at this link: http://www.studiare-in-italia.it/studentistranieri/.

Detailed information is available at: https://international.unime.it/study-us/application-and-admission
Registration for the test is carried out according to the procedures found at: http://www.universitaly.it
Non-EU citizens residing abroad also must follow the procedures indicated in the point n. 5 of the present document.

Enrolment for the test is carried out online by the student and is not subject to the preliminary part of the university pre-enrolment procedures at the diplomatic-consular representations which must, however, be started and formalized in the manner provided, no later than the set deadlines.

3 - ADMISSION REQUIREMENTS

Candidates must possess at least one of the following school qualifications:

- a) Diploma issued by five-year upper secondary educational institutions (including masters and high schools with passing the annual supplementary course);
- b) experimental diploma in four years, issued by the institutes admitted to the national plan for the experimentation with four-year courses of upper secondary education
- c) diploma issued by four-year upper secondary education institutions where the supplementary year is not active. In case of enrolment, an Additional Learning Requirement must be taken, according to study regulations, within the first year and without prejudice to any additional learning requirement resulting from the evaluation of previous education.
- d) Diploma obtained abroad, after 12 years of study that permits admission to the university and the prechosen degree program in the country where it was obtained.

Candidates who will obtain their diploma after 29 September 2023 can apply for admission provided that they receive it within the academic year of 2022/2023. Failure to obtain the qualification will result in the forfeiture of the right to take the IMAT admission test.

4 - CONTENTS AND DATE OF THE (IMAT) ADMISSION TEST

The Ministry of Universities and Research (MUR) utilizes Cineca as the only admission test administered on the national level, identical in all university testing sites.

The test lasts 100 minutes and consists of 60 (sixty) questions with five answer options among which the candidate must choose only one by rejecting erroneous, arbitrary or less probable conclusions. The questions are processed on the basis of the programmes referred to in **Annex A**, which forms an integral part of this Call. The table below shows the number of questions by topic and the date of the test.

| Name of Degree Programme | Skills of reading and knowledge acquired in Education | Logical reasoning | Biology | Chemistry | Physics and mathematics | TEST DATE |
|------------------------------------|--|-------------------|--------------|--------------|-------------------------|-------------------|
| Medicine and Surgery in English | 4 questions | 5 questions | 23 questions | 15 questions | 13 questions | 17th OCTOBER 2023 |

5 - REGISTRATION FOR THE (IMAT) ADMISSION TEST AND CHOICE OF UNIVERSITY

The candidate must carry out the following to register for the (IMAT) admission test:

Go to the Universitaly portal (<u>www.universitaly.it</u>) and register through the online procedure from 18 September 2023 until 29 September 2023 at 15:00 Italian time.

When registering for the test on the Universitaly website, the candidate must:

- a) Indicate possession of one of the language certificates referred to in Annex 3 of the Ministerial Decree of 7 August 2023, n. 1082, if available/applicable.
- b) indicate, in order of preference, the Universities they intend to compete for that are irrevocable and cannot be changed after 15:00 Italian time on 29 September 2023. The last "confirmation" expressed by the candidate within this time will prevail.

The first option automatically indicates the location where the test will be taken.

- In the event that candidates intend to take the test abroad, they must also indicate a foreign office among those indicated in Table A attached to the Ministerial Decree of 7 August 2023, n. 1082.
- c) pay the test participation fee as indicated on the Universitaly portal.

 The payment of the test participation fee without the *receipt of online registration* will not permit the candidate to take the test.

6 - REQUEST FOR ARRANGEMENTS TO THE ADMISSION TEST TO THE DEGREE COURSE

Candidates with a certificate of disability, a certificate pursuant to law n. 104 of 5 February 1992 or with a diagnosis of specific learning disorders (SLD) as per law no. 170 of 8 October 2010 can benefit from special aids or compensatory measures, as well as additional time in the performance of the test. They can be admitted to the test with the medical certification they have, even if not updated due to the limitation of the activity of the National Health Service (SSN) caused by the recent Covid-19 emergency. The University may request to provide further documentation.

Candidates wishing to request adaptive arrangements to the admission test must register on the ESSE3 platform https://unime.esse3.cineca.it. After logging in to their own reserved area, they must submit the request by completing the procedures "Richiesta ausili" and "Dichiarazione Disabilità/DSA" within and not after the deadline for this call. Requests submitted after the deadline or submitted in another way cannot be accepted.

Candidates who intend request special arrangements must present the certification attesting to the state of disability, special needs or specific learning disorders issued in the country of residence, accompanied by a sworn translation in Italian or English.

Detailed instructions for compiling the two-abovementioned procedures are available on the webpage "Disability Services/DSA" at the link: https://www.unime.it/didattica/servizi-e-agevolazioni/servizi-disabilita-e-dsa/richiesta-ausili.

For further information, contact the Disability Services/DSA Operational Unit, e-mail: servizi.dd@unime.it tel. 090/676 5066.

7 - PROCEDURES FOR CARRYING OUT THE ADMISSION TEST

The procedures for the test are specified in **Annex B** *Classroom Regulations*, and are an integral part of this Call. The following cases will result in test cancellation for the candidate:

- 1) The test is taken in a different room from the one where the candidate is enroled, according to the classroom lists, unless the change has been authorized by the Exam Commission and is reported in the Exam Commission minutes;
- 2) Bringing to the room and using *mobile phones*, organisers/personal digital assistants, *smartphones*, *smartwatches*, *tablets*, *earphones*, *webcams* or other similar instruments, manuals, school texts and/or even partial reproductions of them, handwritten notes and references; manuals, textbooks or photocopies of textbooks, handwritten notes, blank sheets, or any support materials
- 3) The affixing the signature or any marks of the candidate or a member of the commission on the response sheet (both on the front and on the back);
- 4) Interaction between the candidates and/or copying attempts and/or attempts to exchange any material, including the exchange of personal data and /or response forms in the possession of the candidates;
- 5) The use of pens, pencils or any other writing instruments to make changes, additions and/or corrections to the answer sheet.

The cancellation of the test is the responsibility of the Commission.

The location of the test and the exact location of the classrooms will be communicated with subsequent notice on the University website.

8- TEST EVALUATION AND MINIMUM SCORE THRESHOLD

A maximum of 90 (ninety) points are awarded for the evaluation of the test, with the following criteria:

- 1,5 point for each correct answer;
- minus 0.4 (-0.4) point for each wrong answer;
- 0 for each question not answered

To be eligible for admission to the degree courses and be included in the ranking, a minimum score of 20 (twenty) points must be obtained. This eligibility threshold does not apply to non-EU candidates residing abroad, who are eligible if they have scored more than 0 (zero) provided they have answered one question.

Eligible candidates are admitted in the descending order of the score obtained in the test. In case of two or more candidates with the same test score, the following criteria apply:

- a) the score obtained by the candidate in answering questions relating to biology, chemistry, physics and mathematics, logical reasoning and Skills of reading and knowledge acquired in Education prevails in descending order, respectively;
- b) possession of one or more of the linguistic certifications referred to in Annex 3 of the Ministerial Decree of 7 August 2023, n. 1082 as declared by the candidate when applying;
- c) If candidates possessing the certificate of invalidity demonstrating 66% or more disability with the certification in accordance with art. 3, comma 3, law of 5 February 1992 n. 104, and they are not in the previously mentioned classification, the candidate with 66% or more invalidity prevails according to art. 3, comma 3, law 5 February 1992, n. 104.
- d) In case of a further tie, the younger candidate prevails.

The condition of eligibility for admission to the degree course in Medicine and Surgery in English refers only to the present Call; it does not permit entry to the course in subsequent years.

9 - PUBLICATION OF MERIT RANKINGS, REGISTRATION AND SCROLLING

On the basis of the score obtained by each candidate, calculated by Cambridge Assessment according to the criteria referred to in Art. 8, a single national ranking relating to EU and non-EU candidates residing in Italy will be drawn up.

The ranking reserved for non-EU candidates residing abroad is drawn up by the universities.

The procedure is divided into three steps: publication of scores and rankings; enrolment and scrolling of rankings; scrolling publication.

1. PUBLICATION OF SCORES AND RANKINGS

| a) | Anonymous publication: CINECA publishes the score obtained by the candidates according to the label |
|----|--|
| | code on the website www.universitaly.it in the area reserved for candidates and in compliance with the |
| | rules for the protection of personal data, on the following date: |

| 26/10/2023 | |
|------------|--|

b) **View documents**: on their private page of the Universitaly portal, candidates can view their answer sheet, their score and their personal details, on the following date:

c) **National ranking by name is published**: the national ranking of merit by name is published in the area reserved for the students of the Universitaly portal, indicating the score obtained, the position in the ranking and the university where the same it is placed as "**ASSIGNED**",(assegnato) "**RESERVED**" (prenotato) or "**WAITING**" (in attesa), on the following date for each candidate:

"ASSIGNED" is the candidate eligible for enrolment into the available place in the first-choice degree programme and University. Candidate is required to enroll in the relevant university and degree programme, following the enrollment procedure indicated in point 2 below of this Call, under penalty of forfeiture of the right to enroll.

"RESERVED" is the candidate who is not eligible for enrolment into the available place in the first-choice degree programme and University. Therefore, he/she can choose whether to enroll in his/her subsequent university choice for which he/she qualify according to his/her ranking position (in this case all the other preferences expressed will be automatically cancelled), following the procedure indicated in point 2 of this article, or wait for the scrolling at the end of the enrollments of those who precede him/her in other universities which he/she had chosen.

"WAITING" is the suitable candidate who does not fall into the available places in the first-choice degree programme and University and therefore must wait for any subsequent scrolling.

2.ENROLMENT AND SCROLLING

- **a) Enrolment: within 4 days** (including the scrolling day and excluding Saturdays and holidays) from the date of publication of the national ranking list (previous point 1 letter c):
- ASSIGNED candidates must register (under penalty offorfeiture);
- RESERVED candidates can choose whether to enroll or wait for scrolling.
- **b)** Communication of enrolled students: the day after the deadline referred to in letter a), by 12 noon, the University will notify CINECA of the enrolled students.
- **c) Confirmation of interest**: the day after the deadline referred to in letter a), by 12 noon, all candidates (except enrolled, withdrawn and candidates who fall under the status "out of seats") must manifest, in their reserved area on the Universitaly website, confirmation of interest in remaining in the ranking, under penalty of forfeiture.

The justification for not confirming interest is of no relevance.

3. SCROLLING PUBLICATION

After the communications related to the registered students and the confirmation of interest, as referred to in point 2, letter b and c, CINECA will publish the scrolling of the rankings on the following date:

15/11/2023

The subsequent scrolling of the rankings will replicate the procedures and timing as indicated in point 2.

10 - ENROLMENT OF CANDIDATES FROM QUALIFIED POSITIONS IN THE RANKING LIST

Candidates **ASSIGNED** or **RESERVED** at the University of Messina will be able to enrol online on the website https://unime.esse3.cineca.it. The enrolment procedure is fully computerized and it will not be necessary to deliver any documentation to the desk of the competent StudentSecretary.

The University takes care of local enrolment procedures for non-EU students residing abroad who have passed the test at the Messina site or have been reassigned, who, at the time of enrolment, **under penalty of exclusion**, must deliver the declaration of value or, alternatively, the certificate issued by official ENIC-NARIC centers to the Welcome Office Operating Unit, e-mail:uop.welcomeoffice@unime.it.

11 - REGISTRATION FOR YEARS SUBSEQUENT THE FIRST YEAR

The procedure for registration for years subsequent to the first one will be governed by a specific notice or Call, where the University will notify the possible availability of places for each year of the degree course.

Candidates who intend to apply for years subsequent to the first one are required to submit an application only at the time of publication of that particular notice or notice, in accordance with the provisions of the Ministerial Decree of 7 August 2023, n. 1082, annex 2, parag. 12 and 13.

12 - RESPONSIBLE OF THE PROCEDURE

The person in charge of the administrative procedure is Dr. Alfonso de Salvo, Head of the Operational Unit 1 DIMED-PATOLOGIA-BIOMORF-VETERINARY-Master's Degrees and Single Cycle Degrees, Email: uop1medsanvet@unime.it.

For information and assistance, interested parties may contact the WelcomePoint, e-mail: $\frac{\text{welcomepoint@unime.it}}{\text{Thursday } 14:30-16:00}$.

13 - TREATMENT OF PERSONAL DATA

The personal data transmitted will be processed in compliance with the current regulatory framework, for the purposes of managing the procedure and possible enrollment, to a relevant extent and strictly necessary for the pursuit of institutional functions.

The information on the processing of personal data pursuant to art. 13 and of the art. 14 of EU Regulation 679/2016, is available on Universitaly portal in a way that is visible to each candidate who must read it at the time of enrollment in the test before providing the data.

For University, the information on the processing of personal data can be consulted at the link: https://www.unime.it/privacy-e-cookie-policy.

With the submission of the application for admission, the student expresses consent to the release of the documents relating to this procedure, required pursuant to the legislation on access, if the relevant conditions exist.

14 - FINAL PROVISIONS AND COORDINATION

controversies.

Participation in the procedure implies acceptance, without reservation, of all the provisions contained in this Call and of the current single student contribution document; although not expressly provided for therein, the applicable legislation in force and in particular the Ministerial Decree 7 August 2023, no. 1082.

Candidates have the right to access the documents of the procedure according to the modalities provided by the "Regulation on the right of access to documents, simple civic access and generalized civic access" of the University of Messina.

All communications regarding the procedure will be made through the University institutional website and will be considered the mode of notifying candidates.

This announcement will be published in the "Bandi e Concorsi" section on the University institutional website.

The Rector Prof. Salvatore Cuzzocrea

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Annex A*

Programs related to the questions of admission test for Single-Cycle Degree Programme in Medicine and Surgery and Dental Prosthesis taught in English

Admission to the courses requires the ability to understand and analyze written texts of various types, to conduct logical-mathematical reasoning, as well as knowledge of general culture, with special regard to the historical, geographical, social, institutional and disciplinary fields in mathematics, chemistry, physics and biology.

The skills and knowledge required are based to the preparation promoted by educational institutions that organize educational and teaching activities consistent with the national indications for high schools and with the guidelines for technical institutes and professional institutes, especially in view of the Italian State Qualifying Exam.

1. Reading skills and knowledge acquired in studies

The ability to understand texts written in English of different nature and with different communicative purposes constitutes a transversal competence, given that all types of questions will be formulated in English, even using symbolic language.

The following capabilities will also be subject to specific verification:

- •understanding abstract, uncommon or specialized vocabulary in real contexts;
- •identify the phenomena of textual cohesion and coherence;
- extract and infer specific information from the text.

These skills will be verified starting from short texts of scientific essays or classic and contemporary fiction, or from short current affairs texts published in newspapers and generalist or specialized magazines.

Always starting from short texts of various types and themes, the skills acquired in previous studies and the knowledge of general culture, including supranational issues or topics subject to contemporary public debate, will be tested.

In particular, the questions will aim to ascertain:

- the ability to orient oneself in the space and time represented, or rather to locate important historicalcultural phenomena in space and time;
- •knowledge of the main national and international institutions;
- •the understanding of phenomena related to the juridical, economic and citizenship fields.

2. Logical reasoning and problems

The questions are aimed at testing the ability to logically complete a reasoning, in a manner consistent with the premises. These premises are stated in an verbal symbolic form, and concern cases or problems, even of an abstract nature, whose solution requires the adoption of different forms of logical reasoning.

3. Biology

- Chemistry of living things.
- The importance of biology in weak interactions.
- Organic molecule in organisms and their respective functions. The role of enzymes.

- The cell as the basis of life. Cell theory. Cell dimensions. Prokaryotic and eukaryotic, animal and plant cells. Viruses.
- Cell membrane: structure, functions, and transport through the membrane.
- Cellular structures and their specific functions.
- Cell cycle and cell reproduction: chromosomal mitosis and meiosis and chromosomal map.
- Energy processes: photosynthesis, glycolysis, aerobic respiration and fermentation. Reproduction and inherited characteristics.
- Life cycles. Sexual and asexual reproduction.
- Mendelian genetics: Mendel's laws and their applications.
- Classical genetics: chromosome theory of inheritance inheritance models. Molecular genetics: structure and duplication of DNA, the genetic code, protein synthesis. DNA of prokaryotes. The structure of the eukaryotic chromosome. Genes and regulation of gene expression.
- Human genetics: transmission of mono- and multi-factorial characters; autosomal hereditary diseases linked to the X chromosome.
- Mutations. Natural and artificial selection. Evolutionary theories. The genetic basis of evolution.
- Biotechnology: recombinant DNA technology and its applications. Inheritance and environment.
- Anatomy and Physiology of Animals and humans. Animal tissues. Anatomy and physiology of systems and systems in humans and their interactions. Homeostasis.
- Bioenergetics. The energy currency of cells: the ATP. Oxidation-reduction reactions in living beings.

4. Chemistry

- The constitution of matter: the states of aggregation of matter; heterogeneous systems and homogeneous systems; compounds and elements.
- Perfect gases law.
- The structure of the atom: elementary particles; atomic number and mass number, isotopes, electronic structure of the atoms of the various elements.
- The periodic system of the elements: groups and periods; transition elements. Periodic properties of the elements: atomic radius, ionization potential, electron affinity, metallic character. Relations between electronic structure, position in the periodic system and properties of the elements.
- The chemical bond: ionic bond, covalent and metallic bond. Bonding energy. Polarity of ties. Electro- negativity. Intermolecular bonds.
- Fundamentals of inorganic chemistry: nomenclature and main properties of inorganic compounds: oxides, hydroxides, acids, salts.
- Chemical reactions and stoichiometry: atomic and molecular mass, Avogadro's number, concept
 of mole and its application, elementary stoichiometric calculations, balance of simple reactions,
 different types of chemical reaction.
- The solutions: water solvent properties, solubility, the main ways of expressing the concentration of solutions.
- Equilibrium in aqueous solution.
- Elements of chemical kinetics and catalysis.
- Oxidation and reduction: oxidation number, concept of oxidant and reducing agent. Balancing of simple reactions.
- Acids and bases: the concept of acid and base. Acidity, neutrality and basicity of aqueous solutions. The pH. Hydrolysis. Buffer solutions.
- Fundamentals of organic chemistry: links between carbon atoms, raw formulas and structure, isomerism concept. Aliphatic, alicyclic and aromatic hydrocarbons. Functional groups: alcohols, ethers, amines, aldehydes, ketones, carboxylic acids, esters, amides. Nomenclature elements.

5. Mathematics

Numerical sets and algebra: natural, integer, rational, real numbers. Sorting and comparison; order of magnitude and scientific notation. Operations and their properties. Proportions and percentages. Powers with integer exponent, rational and their properties. Radicals and their

properties. Logarithms (in base 10 and in base e) and their properties. Elements of combinatorial calculus. Algebraic expressions, polynomials. Notable products, nth power of a binomial, decomposition into polynomial factors. Algebraic fractions. Algebraic equations and inequalities of first and second equations. Equation systems.

- Functions: fundamental notions on functions and their graphic representations (domain, codomain, study of the sign, continuity, maxima and minima, growth and decrease, etc.). Elementary functions: algebraic integer and fract, exponential, logarithmic, goniometric. Compound functions and inverse functions. Goniometric equations and inequalities.
- Geometry: polygons and their properties. Circumference and circle. Measurements of lengths, surfaces and volumes. Isometrics, similarities and equivalences in the plane. Geometric places. Angle measurement in degrees and radians. Sine, cosine, tangent of an angle and their remarkable values. Goniometric formulas. Resolution of triangles. Cartesian reference system in the plane. Distance of two points and point average of a segment. Equation of the line. Conditions of parallelism and perpendicularity. Distance of a point from a line. Equation of the circumference, of the parabola, of the hyperbola, of the ellipse and them representation in the Cartesian plane. Pythagorean theorem. Euclid's theorems (first and second).
- Probability and statistics: frequency distributions depending on the type of character and main graphic representations. Concept of random experiment and event. Probability and frequency.

6. Physics

- Measurements: direct and indirect measurements, fundamental and derivative quantities, physical
 dimensions of the quantities, knowledge of the decimal metric system and of the CGS
 Measurement Systems, Technical (or Practical) (ST) and International (SI), of the measurement
 units (names and relations between fundamental and derivative units), multiples and submultiples (names and values).
- Kinematics: kinematic quantities, various motions with particular regard to uniform and uniformly accelerated rectilinear motion; uniform circular motion; harmonic motion (for all motions: definition and relations between the connected kinematic quantities).
- Dynamics: vectors and operations. Forces, moments of forces with respect to a point. Moment of a pair of forces. Vector composition of forces. Definitions of mass and weight. Gravity acceleration. Density and specific weight. Law of universal gravitation, 1st, 2nd and 3rd principle of dynamics. Work, kinetic energy, potential energies. Energy conservation principle. Impulse and momentum. Momentum conservation principle.
- Mechanics of pressure fluids, and its units of measurement (not only in the SI system). Principle of Archimedes. Pascal's principle. Stevino's law
- Thermology, thermodynamics: thermometry and calorimetry. Thermal capacity and specific heat. Heat propagation mode. State changes and latent heats. Read about perfect gases. First and second law of thermodynamics.
- Electrostatics and electrodynamics: Coulomb's law. Field and electric potential. Dielectric constant. Capacitors. Capacitors in series and in parallel. Direct current. Ohm's law. Kirchhoff's principles. Electrical resistance and resistivity. Electrical resistors in series and in parallel. Work, Power. Joule effect. Generators. Electromagnetic induction and alternating currents. Effects of electric currents (thermal, chemical and magnetic).

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ANNEX B*

Classroom Regulations

Candidates must arrive at the entrance of the testing site in accordance with the instructions related to the time and place of arrival that will be published on the university website in a timely manner.

Candidates will be permitted to take the test only if they show:

- an original valid identification document in compliance with Italian law DPR 445/2000 (preferably the same document they used when they registered for the test);
- the test payment receipt;
- the receipt for the online registration for the test.

Candidates with disability certificates according to Italian Law n. 104 of 1992 or with specific learning disabilities (DSA) according to Italian Law n. 170 of 2010 can be admitted to the test with the medical certification they have, even if it is not recently updated due to the limitation of NHS activities due to the Covid-19. The University reserves the right to request an updated document if necessary.

Candidates without their identification document in its original form cannot be identified and they will not be admitted to the test.

The identity of the candidates will be checked at the moment of entry into the testing room. Every candidate sign the register at the moment they show their identification.

The test at UniME will start at 12:00 with adjustment of the aforementioned time to the time zones of the countries abroad where the admission test takes place as per table A attached to the Ministerial Decree 7 August 2023, no. 1082 and will last 100 minutes.

Candidates will be distributed in rooms according to age, except for twins.

Candidates are not allowed to communicate with each other verbally or relate to others, except with the supervisors or with the members of the examining commission. Candidates are allowed to bring only one 500 ml bottle of water.

They cannot keep bags or backpacks, paper, calculators, mobile phones, PDAs, smart phones, smart watches, tablets, earphones or other similar equipment as well as bringing/and or using pens, pencils, stationery (or any instrument suitable for writing) and bringing/using manuals, school texts, as well as even partial reproductions of them, handwritten notes on blank sheets and reference material are not allowed; those in possession must deposit them at the Commission counter before the start of the test. The candidate found in possession of the aforementioned items will be excluded from the test. During the performance of the test, supervisory personnel will be present in the classroom with the task of ensuring compliance with the aforementioned standards and the examination rooms will be subjected to monitoring of the radio spectrum with the shielding of cellular telephone frequencies and wi-fi connections, in collaboration with the Ministry of Economic Development-General Directorate for Territorial Activities.

The admission test will be carried out even if the number of applications received by the deadline set by the notice is lower or equal to the available places. Similarly, the test will take place even if the number of candidates present on the day of the test is less than or equal to the available places.

Candidates will receive along with the "instruction sheet to complete the answer form" an individual envelope, prepared by CINECA, which contains:

- 1) a form for personal data that the candidate must fill in, without any kind of identification code;
- 2) the **admission test questions** with the identification code of the envelope and two sheets to be used for drafting answers (scratch copy);
- 3) a **test answer sheet** with the same identification code as the envelope;
- 4) a **sheet** on which the identification code of the package is affixed, as well as the name of the university and the degree course to which the test refers.

If it is necessary to replace only one of the documents indicated in points 2 and 3, the envelope will be completely replaced because these documents are identified by the same identification code of the package.

Any corrections or signs made by the candidate on the personal data form does not constitute replacement. The replacement of the personal data sheet is carried out only where the signs or corrections made by the candidates make it difficult to identify the candidate: in that case, the Commission replaces the registry file by taking it

from one of the backup packages and reports this action in the test report. The replacement of the master data sheet never entails the replacement of the entire package.

It should also be noted that:

- a) A black pen provided by the University must be used to complete the answer form;
- b) The candidate must complete the personal data sheet and sign it to attest to the correspondence of the data referred to in letter e) at the time of collection of the paper;
- c) The candidate marks the chosen answer by putting the "X" sign in the corresponding box (tracing the diagonals in the square of the answer). The possibility of correcting one and only one is offered once the answer has already been given to a question, taking care to completely black out the box previously marked with the sign "X", choosing another one: there must be a mark with the sign "X" in only one of the five boxes for the score to be assigned;
- d) The answer form provides a small circular figure on each question that the candidate must cross to indicate that he/she does not want to answer it. This indication cannot be changed. If the candidate does not sign in the response box, even if the circular figure is not shown, the answer is still considered not given.
- e) At the end of the test, the candidate is invited to go to a dedicated area equipped with a specific pen, placed at a reasonable distance from the Commission, where there are the following items:
 - a box to hand in the registration card, where on one side the facsimile of the registry card is printed;
 - The pairs of adhesive labels showing the bar codes.
- f) Each candidate must choose a pair of identical adhesive labels present there and affix one of the two labels on the data sheet and the other on the answer form. The affixing of the labels is the responsibility of the candidate who must check the correspondence of the alphanumeric codes present on the labels of the chosen pair. The candidate must sign the declaration of truthfulness of the personal data and the correspondence of the codes of the labels applied to the personal data sheet and answer form at the bottom of the data sheet. At the end of these operations, the candidate must insert the registry card in the sealed container present in the dedicated station and go to the location of the Commission where he/she inserts the answer form in a special closed container provided for this purpose.

Any information on how the test should be performed and the length of time spent in the classroom will be announced in a subsequent announcement, or with the information provided in the examining room to the candidates by the Commission, following the guidelines from the MUR.

Reasons for annulment of the test:

- 1) Performance of the test in an examination room other than the one the candidate is registered in according to the list, unless the change was authorized by the Commission and recorded in the minutes;
- 2) Introduction and use in the examination room of mobile phones, PDAs, smart phones, smart watches, tablets, earphones, webcams or other similar instrumentation, manuals, textbooks and or even partial reproductions of them, handwritten notes and reference material;
- 3) Affixing on the answer form (both on the front and on the back) of the signature or stamps of the candidate or a member of the Commission;
- 4) The interaction between candidates and/or copying attempts and/or attempts to exchange any material, including the exchange of personal data and/or reply forms, in the possession of the candidates.
- 5) The use of pen, pencil or any other writing instrument by the candidate to make changes, additions or corrections to the answer sheet at the moment of inserting the answer sheet and personal data card into the designated container.

The cancellation of the test is ordered by the Commission. In the cases referred to in numbers 1), 2), 3), 4), and 5) the CINECA does not score the canceled test.

Furthermore, at the end of the test, the candidate, under penalty of cancellation, is obliged to immediately interrupt any activity of filling out the answer form and must deliver the received pen.

For anything not expressly indicated regarding the admission test procedure as referred to in this announcement, please refer to the provisions of Annex n. 1 to the Ministerial Decree 7 August 2023, no. 1082 and subsequent modifications.

^{*} This document summarises the main elements of the 2023/24 call for applications for the Single-Cycle Degree Programme in Medicine and Surgery (taught in English) at the University of Messina. Please note that the official call for applications is written in Italian.

To the extent any translated part or element of this document conflicts with the Italian version, the Italian version controls and will prevail in case of legal controversies.