

CALL FOR APPLICATIONS FOR THE ADMISSION OF EU AND EQUIPARATED STUDENTS IN THE 6 YEARS DEGREE COURSE IN MEDICINE AND SURGERY IN ENGLISH OF SAINT CAMILLUS INTERNATIONAL UNIVERSITY OF HEALTH SCIENCES (UNICAMILLUS) FOR THE ACADEMIC YEAR 2019/2020

Article 1 – Slots available and admission requirements

Saint Camillus International University of Health Sciences, hereunder referred to as UniCamillus, has published for the academic year 2019/2020 the public call for applications for the admission to the First Year of the Degree Course in Medicine and Surgery taught in English.

55 (fifty-five) slots are available to EU applicants as well as applicants from the categories as from art. 26 of Italian Law 30th July 2002, no. 189 and subsequent modifications and alterations.

The number of slots available are subject to change as a result of what will be established by Decree of the Ministry of Education, University and Research (M.I.U.R.), in accordance with the Law of 2 August 1999, n. 264. The MIUR Decree may provide for the confirmation, increase or decrease of the slots specified in this call for application.

In case the number of available slots is higher than 55, the University may decide whether to proceed with the admissions through the sliding of the ranking or publish another call for a further admission test that will take place in autumn 2019.

Citizens from Norway, Iceland, Liechtenstein, Switzerland and the Republic of San Marino are treated as EU candidates.

Candidates who, at the date of the admission test, are already in possession of a high school diploma and those who are enrolled in the last year of secondary school can take part in the selection process.

For the candidates who already have a foreign secondary school diploma or are enrolled in the last year of a secondary school pertaining to a foreign education system the qualifications are deemed valid, if obtained after at least 12 years of schooling; these qualifications must be accompanied by the Declaration of Value issued by the Italian diplomatic authorities.

In case the local education system provides for 11 or 10 years of schooling, the qualification is valid if it is integrated with one or two years of University studies, provided that all the exams scheduled for those academic years have been passed.

Candidates who do not possess or do not present the necessary documentation within the deadlines indicated by the university, according to current legislation, will lose the benefit to enrol or forfeit their enrolment if already admitted and have no right to the refund of the amount paid.

With reference to the recognition of foreign qualifications, the University will take into account the indications provided by the Ministry of Education, University and Research "Procedures for entry,

stay and matriculation of foreign / international students to courses of higher education in Italy for the academic year 2018-2019” and subsequent amendments (<http://www.studiare-in-italia.it/studentistranieri>).

Article 2 – Application submission

Registration for the admission test will be possible from January 9th, 2019 to April 18th, 2019.

In order to complete the registration for the admission test, each candidate needs to register on the web portal <http://www.unicamillus.org/admission-test>, and follow the instructions.

The candidate is responsible for the information given when completing the registration form in its entirety. The presence of false, incorrect or omitted information even in only one of its parts leads to the immediate exclusion from the test or, if the test is already passed, the cancellation from the lists of those admitted.

With the submission of the form for the registration to the test the candidate authorises UniCamillus to carry out checks at institutions and authorities that have issued or validated the qualifications attached to the application.

In case of difficulty in the registration procedure, an e-mail can be sent to admission@unicamillus.org for assistance.

For all candidates, the participation fee to the admission test of € 170,00, is not refundable for any reason.

The payment of the fee for the access to the admission test does not complete the registration procedure. The registration process must be completed in its entirety (under penalty of exclusion).

Article 3 – Support for candidates with disabilities or specific disorders

Candidates with disabilities or with specific learning disabilities (SLD), in relation to the specific difficulties medically certified, can make explicit request for aids and/or additional time with respect to those established for the general candidates, as well as further measures as to guarantee equal opportunities in carrying out the entry test. “Candidates with disabilities” shall mean: blind candidates, suffering from absolute blindness or with a visual residual not exceeding one tenth in both eyes; deaf candidates, suffering from deafness from birth or before learning the spoken language; candidates with a civil disability percentage equal to or greater than 66%; candidates in possession of the handicap certification as from Italian Law 104/92 as amended by Italian Law 17/99. These conditions must result from an appropriate medical certification issued by the competent health authorities. Certifications will be accepted only if produced in Italian or in English.

“Candidates with SLD” shall mean: candidates diagnosed with dyslexia, dysgraphia, dyscalculia, dysorthography, resulting from appropriate clinical certification, issued for no more than three years

by the National Health Service, by specialists or by accredited structures, if provided for by the Regions. The additional time allocated to candidates with DSA will be 30% more than the time set for admission tests, in accordance with Italian Ministerial Decree 5669/2011.

These requests must be specified when registering on the web portal www.unicamillus.org. The related medical certification must be sent through certified email to the address unicamillus@pec.it or alternatively via RR registered letter to the Registrars' Office - UniCamillus University - Via di Sant'Alessandro 8 – 00131 Roma, to be received by April 18th 2019.

Article 4 – Examination topics and admission criteria

The admission test consists of a multiple choice written test of 90 questions in English based on the programs outlined in the annex "A", divided as follows:

- 40 questions about logical reasoning, problem solving and reading comprehension;
- 30 questions on scientific topics (biology, chemistry, mathematics and physics);
- 20 questions about the specific humanitarian mission of the University.

The admission test will last 100 minutes.

For the evaluation of the test a maximum score of 90 (ninety) points is attributed according to the following criteria:

- 1 point for each correct answer;
- minus 0.25 points for each wrong answer;
- 0 points for each answer not given or multiple, or for all ambiguous responses.

Article 5 – UniCamillus Testing Procedures

The final list of the convocation to the written test will be published anonymously (but each candidate will be able to identify himself), on April 23rd, 2019 on www.unicamillus.org.

The written examination will take place on April 27th, 2019 at the location and time that will be indicated in the calls for the exam.

The University reserves the right to plan more than one session, change dates, times, locations of the admission test and publication dates of results if it is deemed necessary for organizational reasons.

On the day of the test candidates must submit a valid Identification Document (ID) pursuant to art. 35 of the D.P.R. December 28th 2000 n. 445.

During the tests it is absolutely forbidden the use of mobile phones, calculators, tablets, web-connecting devices and the consultation of printed books and / or manuscripts and notes. The use of pens or other unauthorized writing instruments is also forbidden.

Article 6 - Final ranking for admission

By May 7th, 2019 UniCamillus will publish the final ranking on the website www.unicamillus.org, guaranteeing the anonymity of the candidates.

Candidates scoring less than 30 points will not be admitted, regardless of ranking.

The winners are those who place themselves in a favourable position with reference to the number of available places as from Article 1 of this call. In the final ranking, in case of a tie, the younger candidate will prevail in the final ranking.

Article 7 – Enrolment and re-ordering procedure

Candidates who have ranked in a favourable position with regard to the enrolment and for the enrolment with reserve must follow the enrolment procedures as indicated on www.unicamillus.org starting from May 13th, 2019 and up to May 24th, 2019, as follows:

- candidates ranking from position 1 to position 55 will be able to enrol;
- candidates from position 56 to position 100 on the list will be able to enrol with reserve. This enrolment will be confirmed on the basis of placement in rankings, if places remain available due to the lack of enrolment of some of the candidates ranking from position 1 to position 55;
- by May 24th, 2019 candidates enrolled (ranking from position 1 to position 55) and candidates enrolled with reserve (from position 56 to position 100) are required to pay the first instalment of the university tuition of € 5,000, under penalty of exclusion from the ranking.

Any slot not covered will be managed according to the following reordering procedure:

- Publication on www.unicamillus.org of the number of available slots for missing enrolments or withdrawals (reopening of the ranking);
- Communication to the interested parties of slots available for missing enrolments or withdrawals;
- admitted candidates through the “reordering” procedure of the rankings will have to proceed with the payment of the first instalment by 6 p.m. of the second day following the reopening of the ranking;
- the reordering procedure will be reiterated until the available seats are filled.

Candidates who do not meet the deadlines indicated above will forfeit their slot and will lose the right to enrol.

Article 8 – Enrolment completion

From July 1st, 2019 to July 26th, 2019 candidates entitled to enrol for the first year of the course must send the following documentation:

- enrolment application, available online, addressed to the Rector, and acceptance of the UniCamillus Code of Ethics;
- Student's Contract, available online;
- two passport-sized photographs (please indicate name and surname on the back);
- photocopy of an identity document and photocopy of the fiscal code (foreigners legally residing in Italy must submit a valid residence permit and fiscal code);
- Certification of the High School Diploma or authenticated copy of the High School Diploma or, provisionally, self-certification.
- Proof of payment of the Regional Tax (to be paid directly to Lazio Region).

Italian and foreign students with qualifications obtained abroad, by September 15th 2019 (under penalty of exclusion) must send to the Registrar's Office the official legalised translation in Italian of the qualifications, accompanied by a Declaration of Value issued by the Italian Embassy or Italian General Consulate competent for the territory in the country where the qualification was issued.

It is also mandatory to deliver the following health certifications within 60 days of enrolment:

- tuberculin vaccination performed according to the Mantoux technique, according to the Agreement of February 7th, 2013 of the State-Regions Conference on "Prevention of tuberculosis in health care workers and subjects similar to them", and by the D.P.R. n. 465 of 7.11.2001, Regulation establishing the conditions under which vaccination against tuberculosis is mandatory, in accordance with article 93, paragraph 2, of the law of 23rd December 2000, no. 388; said test must be performed at a S.S.N. structure (National Health Service);
- certificate of vaccination against viral hepatitis B, pursuant to Law n. 165 of 27.5.1991.

All candidates are enrolled with reserve. For the final enrolment they must submit within 60 days from enrolment a "Certificate of suitability specific to their professional profile", issued by the local Health Authority. It is important to note that the certificate is mandatory both to be able to attend the theoretical teaching activity and to carry out the compulsory professionalizing activity for the purposes of qualification in the professional profile. The Certificate of suitability released must certify the ability of the student to perform all the specific professional activities required by the relevant professional profile for which the candidate is applying for. Failure to submit the certificate and any psychophysical inability will determine the impossibility of definitive enrolment in the degree course.

The University will provide useful information to fulfil these certifications.

The candidate who renounces or who, however, does not complete the enrolment procedure within the deadlines indicated in this call for applications, will not be reimbursed, under any circumstances, of the amount paid and will be considered automatically withdrawn.

Article 9 - First instalment reimbursement

The first instalment will be reimbursed only for those candidates enrolled with reserve, who will not be able to confirm the enrolment due to the covering of the available places by candidates ranking higher. The instalment will be reimbursed by August 9th 2019.

In all other cases, the first instalment cannot be reimbursed.

Article 10 – Waiver procedure following enrolment

Students who, after completing their enrolment, wish to renounce their studies, will have to submit their request and send it via R/R registered mail to: Saint Camillus International University of Health Sciences - Via di Sant'Alessandro 8 - 00131 Rome or via PEC at unicamillus@pec.it.

Article 11 – Summary table of deadlines and other important notices

Period of registration to the call for application	From January 9 th 2019 to April 18 th 2019
Deadline for submitting documentation for candidates with disabilities and/or with diagnosis of learning disabilities.	April 18 th 2019
Publication of the final list of convocations to the Written Examination	April 23 rd 2019
Written Examination	April 27 th 2019
Publication of final ranking	By May 7 th 2019
Enrolment (acceptance of placement and payment of First Instalment of Tuition Fees)	From May 13 th 2019 to May 24 th 2019
Enrolment Completion	From July 1 st 2019 to July 26 th 2019

The University reserves the right, in any stage of the procedure, to ascertain the truthfulness of the declarations made by the candidate, in accordance with current legislation. The candidate must therefore provide all the necessary elements to allow for the appropriate checks. In the event that the documentation submitted by the candidate contains false declarations, without prejudice to the penalties provided for by the penal code and by the special laws on the matter and the declarer's

exposure to the action for damages by the other parties, the enrolment will be cancelled, any benefits granted will be recovered and the tuition fees paid will be retained.

In case of waiver, at any stage, the amount paid for the university tuition fee is not refundable for any reason.

The University reserves the right to change dates, times, testing location and publication dates of results, internship locations, both in the Region and out of the Region, and teaching methods, if it is deemed necessary for organizational reasons. The participation in the call for application implies the full and unquestionable acceptance of the provisions contained therein. For juridical and interpretative purposes, the Italian Call for Application approved with Rector's Decree n. 10 of February 5th, 2019, filed at the Academic Office and written in Italian, shall prevail. Regarding matters not addressed in this Call, the Statute and the Regulations which govern the University's activities must be referred to.

Article 12 – Supervisory Committee for the regularity of the competition

With a specific decision, a Committee will be appointed to ensure the regular and proper performance of the operative procedures of the competition.

The Committee, made up of at least three effective members, during the tests, may avail itself of the assistance of teaching and administrative staff and of qualified external professionals.

Vittorino Testa, director of student services - UniCamillus University, is responsible for the procedure.

Annex A

Programs related to the questions of the admission test to the degree course in Medicine and Surgery and the degree courses in health professions.

Logical reasoning, problem solving and reading comprehension

Assessment of the ability to use correctly the Italian language and logically complete a reasoning, in a coherent way with the conditions, which are expressed in a symbolic or verbal way through multiple choice questions also formulated with short propositions, discarding the wrong, arbitrary or less probable conclusions.

Analysis of cases or problems, even of an abstract nature, whose solution requires the adoption of different forms of logical reasoning.

Biology

The Chemistry of the living organisms.

The biological importance of the weak interactions.

The organic molecules present in the organisms and their respective functions. The role of the enzymes.

The cells as the basis of life.

Cell theory. Cellular dimensions. The prokaryotic and eukaryotic cell, animal and vegetable. Viruses.

The cellular membrane: structure and functions – the transport through the membrane. Cellular structures and their specific functions.

The cellular cycle and the cellular reproduction: mitosis and meiosis – chromosome set and chromosome maps.

Bioenergetic.

Cellular energetic value: the ATP.

Oxidation – reduction reactions of living organisms.

The energetic processes: photosynthesis, glycolysis, aerobic respiration and fermentation.

Reproduction and hereditariness.

Life-cycles. Sexual and asexual reproduction.

Mendelian genetics. Mendel laws and their application.

Classic genetics: hereditariness chromosome theory - hereditariness models.

Molecular genetics: structure and duplication of the DNA, genetics code, protein synthesis. The prokaryotic DNA. The eukaryotic chromosome structures. The gene and the regulation of the genetic expressions.

Human genetics: transmission of the mono – polyfactorial characters; autosomal heritable diseases related to X chromosome.

The biotechnologies: recombinant DNA technology and its applications.

Hereditariness and environment.

Mutation. Natural and artificial selection. Theory of evolution. The genetic basis of evolution.

Animal and human Anatomy and Physiology.

Animal tissues.

Anatomy and physiology of the human systems and apparatus and related interactions.

Homeostasis.

Chemistry

The structure of the matter: states of matter aggregation; heterogeneous systems and homogenous systems; compounds and elements.

Ideal gas laws.

The atom structure: elementary particles; atomic number and mass number, isotopes, electronic structure of the atom of various elements.

The periodic system of the elements: groups and periods, transition elements. Periodic properties of the elements: atomic radius, ionization potential, electronic affinity, metallic character. Relations between the electronic structure, position in the periodic system and elements property.

The chemical connection: ionic connection, covalent and metallic bond. Bond energy. Bond polarity.

Electronegativity. Intermolecular connections.

Fundamentals of inorganic chemistry, nomenclature and main characteristics of the inorganic compounds, oxides, hydroxides, acids, salts.

The chemical reaction and the stoichiometry, atomic and molecular mass, Avogadro number, concept of mole and its applications, elementary stoichiometric calculations, balancing of the simple reactions, different type of chemical reactions.

The solutions: solvent properties of the water, solubility, main ways to express the concentration of solutions.

Balance in the water-based solutions.

Kinetics chemical and catalysis elements.

Oxidation and reduction: oxidation number, concepts of oxidant and reducing agents.

Balance of simple reactions.

Acids and bases: acid and base concept. Acidity, neutrality and basicity of the water-based solutions. The pH. Hydrolysis. Buffer solutions.

Basics of organic chemistry: bonds between carbon atoms, rough and structure formulas, concept of isomerism. Aliphatic, alicyclic and aromatic hydrocarbons. Functional groups: alcohols, ethers, amines, aldehydes, ketones, carboxylic acids, esters, amides. Basics of nomenclature.

Physics

The measures: direct and indirect measures, fundamental and derivate quantities, physical dimensions of the quantities, knowledge of the decimal metric system and of the Unit Measure System CGS, Technical (or Practical) (ST) and International (SI), units of measurement (names and relations between fundamentals and derivate units) multiples and submultiples (names and values).

Kinematics: kinematic quantities, various motions with particular regard to the uniform rectilinear motion uniformly accelerated, uniform circular motion, harmonic motion (for all motions: definitions and relations between connected kinematic amounts).

Dynamics: vector and vector operations. Forces, moments of forces compared to a point. Moment to a torque of forces. Vectorial composition of the forces. Definition of mass and weight. Gravity acceleration. Density and specific weight. Universal gravitation law, 1st, 2nd e 3rd principles of dynamics. Work, kinetic energy, potential energy. Energetic conservation principles. Impulse and quantity motion. Conservation principle of the motion quantity.

Fluid mechanics: pression and its measurement units (not only in the SI system). Archimede principles.

Pascal principles. Stevino laws.

Terminology, thermodynamics: thermometry and calorimetry, specific heat, thermic capacity. Mechanisms of heat propagation. Change of status and latent heat. Ideal gas laws. First and second principle of thermodynamics.

Electrostatics and electrodynamics: Coulomb laws. Field and electrical potential. Dielectric constant. Capacitors. Capacitors in series and parallel. Direct current. Ohm laws. Kirchhoff principles. Electrical resistance and resistivity, resistance in series and parallel. Work, Power, Joule effects. Generators. Electromagnetic induction and alternating currents. Electric current effects (thermic, chemical, magnetic).

Mathematic

Numerical sets and algebra. Natural, whole, rational, real numbers. Order and comparison; order of magnitude and scientific notification. Operations and their properties. Proportions and percentages. Power with external exponent, rational and their properties. Radicals and their proprieties. Logarithms (on the bases 10 and on the bases e) and their properties. Essentials of combinatorics. Algebraic expressions,

polynomials. Special products, Nth power of a binomial, polynomials factor dissolution. Algebraical fraction. Equations and algebraical inequalities first and second degree. Equations system.

Functions: basic notions about functions and their graphical representations (domain, codomain, sign, maximums and minimal, growth and decreasing, etc.). Elementary functions: whole and fractional algebraic, exponential, logarithmic, goniometric. Multiple functions and inverse functions. Equations and goniometric inequalities.

Geometry: polygons and their properties. Circumference and circle. Measurements of lengths, surfaces and volumes. Isometries, similitudes and equivalences in the plan. Geometric locus. Measure of the angles in degrees e radians. Sine, cosine, the tangent of an angle and their special products. Goniometric formulas. Resolution of the triangles. Cartesian reference system in the plane. Distance of two points and average point of a segment. Equation of the line. Parallelism and perpendicularity conditions. Distance of a point from a line. Equation of the circumference, of the parabola, of the hyperbola, of the ellipse and their representation in the Cartesian plane. Pythagorean theorem. Euclid theorems (first and second).

Probability and statistics: distributions of the frequencies according to the type of character and main graphic representations. Concept of random experiment and event. Probability and frequency.

Specific humanitarian mission of the University

The specific humanitarian mission of the University will focus on issues related to the lack of healthcare professionals in many developing countries, pathologies spread in these countries, international bodies tasked with facing humanitarian problems, leading figures who have contributed to these fields and inherent topics. The required competence on these issues is not specific: a mere knowledge deriving from reading newspapers and other media which provide updated news on these topics will be sufficient.

In other words these questions will be aimed to bring to light the interest of the candidates towards the above mentioned topics; where such interest exists, the candidates will probably have read and delve into these issues, although on an informative and not specialized basis.