

Medicine & Surgery



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UNIVERSITÀ
CATTOLICA
del Sacro Cuore

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Open new doors

Imagine studying at a *renowned university* that can offer you the chance of studying for a degree at an iconic Italian city. That is the opportunity which awaits students who choose Università Cattolica del Sacro Cuore, *affectionately known as Cattolica*.

Cattolica, a comprehensive university, offers an impressive range of innovative programs in the fields of Economics & Business, Accounting & Finance, Agriculture, Psychology and Linguistics, as well as Philosophy and the Arts. In the renowned QS World University Rankings by Subject 2015, Cattolica's ascendancy placed the University in formidable company, with every discipline ranked in the *top 200 in the world, or higher*.

Whilst at Cattolica we pride ourselves on our academic reputation, what truly distinguishes our University is the *campus diversity* and endless possibilities. You will be sure to choose a program and learning environment that is the best fit for you, one that will facilitate the growth of skills and competencies *towards your brighter future*.

But whichever your choice of location, you will remain part of one family. *The Cattolica family*.

A family whose networks touch every corner of the globe, whose care and commitment towards every student binds us as one. And ensures an *international study experience* like no other.



Policlinico Gemelli

A humanistic perspective

The School of Medicine and Surgery at Cattolica is one of the most renowned medical teaching environments in the world.

*50 years of health support,
generation after generation.*

We are a student, academic and clinical community committed to the person, where the full range of modern healthcare disciplines are taught within a highly conducive campus environment, close to the heart of one of the world's most iconic cities.

We are committed to creating new opportunities for our students.

Students build a portfolio of experiences, skills, and knowledge.

Throughout their academic career, our students are exposed to direct clinical practice at the A. Gemelli Hospital.

We turn hope into reality through our excellence in research.

And we're here to listen to your story.

The campus

An interactive, research focused,
and hands-on education

Campus highlights

- Academic excellence across 2 schools: Medicine and Surgery, Economics
- Home to Cattolica's internationally acclaimed School of Medicine and Surgery which started teaching in November 1961. The School is affiliated with the Policlinico Gemelli University Hospital, which opened in 1964
- Top Italian oncologic hospital for the number of patients treated
- 43 faculty members are listed among the top Italian Scientists
- Rome is home to 6,500 students
- Campus area: over 300,000 m²
- The campus offers sports facilities including a football field, volleyball, basketball, and 3 tennis courts

Our Rome campus is home to Cattolica's internationally acclaimed School of Medicine and Surgery which boasts an ideal affiliation with Policlinico Universitario "A.Gemelli."

At Cattolica, learning is highly interactive and practical, and extends beyond the classroom. At our Rome campus you can live and breathe the energy of Medicine and Surgery with the Policlinico Universitario A. Gemelli as part of the campus.

Cattolica's Medicine and Surgery students permeate their knowledge and create a positive scene as they line the corridors of the Hospital with their lab coats. A powerful and motivating image boasting the quality of our teaching and practice.

At Cattolica's Rome campus, students will feel at home. From our on campus dorms, to the accessibility of a wide range of facilities. At Cattolica, a sense of community is shaped. And if you want to break away from the studies for an afternoon, a 10 minute train ride will take you to Piazza San Pietro, located directly in front of La Basilica di San Pietro in the Vatican City - the smallest independent state in the world, located entirely within the city of Rome. After visiting the Vatican City, you can easily reach Rome's other attractions on foot.

Rome. There's no better place to study Medicine and Surgery.

Rome

Rome in the spotlight

- Italy's capital city
- The Province of Rome has 4,000,000 inhabitants making it the largest municipal area in Italy
- The Eternal City: founded in 753 B.C.
- Home to the Vatican City State, the smallest internationally recognized independent state in the world by both area and population
- A picturesque and historic bliss, containing many of the world's most breathtaking masterpieces, from Michelangelo's ceiling in *la Cappella Sistina*, to the beautiful attractions in *Piazza Navona*, *la Fontana di Trevi*, *il Vittoriano*, *il Colosseo*, and many more
- 30 km from the coast
- A popular set of Academy Award-winning movies: *The Great Beauty*, *La Dolce Vita*, and *Roman Holiday* among others

To study in Rome is to study in the heart of a cultural yet dynamic treasure. Italy's inspiring capital city blends the past with the present.

Rome is full of endless discoveries. A pleasant stroll through the picturesque streets of Rome is an adventurous playground, with a pearl ready to be found on every corner. *La Fontana di Trevi* is a perfect example. This breathtaking Baroque jewel is neatly nestled at the juncture of three roads, *tre vie*, in the city center.

You only need to step into the history of ancient Rome to be drawn by this Eternal City which spans over two and a half thousand years.

Rome is chaotic, yet characteristic. Home to the animated, good-humored Romans, who live to enjoy their culture and food.

Medicine & Surgery

Meet *Giorgia*
Born: *Lecco, Italy*
Educated: Singapore, Korea, Canada and Panama
Future goal: To become a doctor at Cattolica and work for Médecins Sans Frontières

A health precinct

Università Cattolica's internationally acclaimed School of Medicine and Surgery started teaching medicine in 1961. The School is aligned alongside the Agostino Gemelli University Hospital, which opened in November 1964.

Excellence in research




43 faculty members are listed among the Top Italian Scientists. The University Hospital is ranked first for the number of national non-profit clinical trials and third for non-profit drug experimentations performed. It is the first Italian oncologic hospital for the number of patients treated.

Innovative method

The program aims at integrating basic and clinical sciences through a multidisciplinary approach and an early involvement in patient management while addressing moral and ethical issues, as well as legal responsibilities.

Rome, the Eternal City

This majestic city is the essence of Italian culture, history, and society which contains world acclaimed historical monuments and is also a modern platform for education, creating the perfect location to begin your medical career.

-  **Program name**
International MD Program - Medicine and Surgery
-  **Program type**
Undergraduate 6-year Single-cycle Degree (B.Sc. + M.Sc.)
-  **School**
"A. Gemelli" School of Medicine and Surgery

-  **Campus**
Rome, Italy
-  **Duration**
September 2016 - September 2022 (6 years)
-  **Total ECTS**
360

Single-cycle Degree in Medicine and Surgery

The most qualifying features of our Medicine and Surgery Program are:

- a highly specialized problem-based learning method;
- the complete synergy between basic and clinical sciences;
- a strong international approach.

These qualities are achieved through a multidisciplinary approach and an early involvement in patient management, while also addressing ethical issues and legal responsibilities, which are at the basis of the profession. In addition, medical anthropology, bioethics and medical humanities are emphasized, as well as the ability to communicate with the patient and the family. The Program provides students with a strong scientific background, and theoretical and hands-on preparation in medical practice and methodology, as well as a high level of professional decision-making and operational independence in terms of ability to face and solve the main health problems from all points of view: preventive, diagnostic, prognostic and therapeutic.

Learning objectives

The program will provide a complete integration of learning objectives of European and US curricula. The curriculum is designed to help students prepare for the United States Medical Licensing Examination (USMLE) Step 1 and Step 2. Students will benefit from high quality teaching and learning designed to encourage active participation and support independent thinking. They will acquire the ability to identify the state of health or illness of individuals on the basis of the knowledge of bio-pathology and pathophysiology. In addition, they will develop skills and general experience in the fields of Internal Medicine, General Surgery, Pediatrics and Obstetrics, as well as Medical and Surgical specialties.

Career opportunities & professional recognition

The program is designed for students who wish to become qualified medical practitioners. A varied range of careers are open to medical graduates. Due to the innovative curriculum, students will be able to start a career in both basic and clinical scientific research.

Curriculum

In order to achieve formative goals, the Medicine and Surgery program is organized to offer a total number of 360 University Formative Credits, *Crediti Formativi Universitari* (CFU), spread over a 6-year course. 60 credits consist of activities aimed at acquiring specific professional skills. Each CFU corresponds to 12 hours of teaching. In case of professional training each credit corresponds to 17 hours.

First year courses

- Introduction Course to Medicine
- Molecules and Cells

- Electromagnetism and Physiology of Excitable Cells
- Organic and Functional Systems I
- First Aid and Nursing Practice I
- Residency in Health Center
- Introduction to Theology and questions of fundamental Theology
- Optional project I
- Vertical domain I/Electives I
- Italian Language

Second year courses

- Organic and Functional Systems II
- First Aid and Nursing Practice II
- Methodology of Research I
- Organic and Functional Systems III
- Family, Society and Health
- Questions of Speculative and Dogmatic Theology
- Informatics
- Optional Project II
- Vertical Domain II/Electives II

Third year courses

- Bio-pathology and Introduction to Medical Therapy
- Epidemiology and Biostatistics
- Public Health
- Introduction to Clinical Medicine
- Methodology of Research II
- Questions of Moral and Practical Theology
- Scientific English
- Italian Language
- Optional Project III
- Vertical Domain III/Electives III

Fourth year courses

- Clinical Center Residency I
- Medicine Residency I
- Maternal and Child Health Residency
- Clinical Neurosciences
- From Clinical to Molecular Biology I
- Italian Language
- Optional Project IV
- Vertical Domain IV/Electives IV

Fifth year courses

- Clinical Center Residency II
- Public Health Residency
- Medicine Residency II
- Surgery Residency I
- Surgery Residency II
- From Clinical to Molecular Biology II
- Optional Project V
- Vertical Domain V/Electives V

Sixth year courses

- Health Center Residency - Final Training
- From Clinical to Molecular Biology III
- Hospital Residency - Final Training

- Community Care and General Medicine
- Optional Project - Final Project
- Final Dissertation

Faculty/Professors

Classes are taught by faculty (professors, lecturers) with a strong academic, research and professional background, most of whom have had teaching and research experience in some of the world's best universities.

Notable alumni

- Ignazio Marino, Transplant Surgeon and Mayor of Rome
- Giuseppe Fioroni, Former Italian Minister of Education
- Prof. Francesco Crucitti, Operated on Pope John Paul II
- Cécile Kyenge, Former Minister for Integration

Can I learn Italian while studying?

The Medicine and Surgery curriculum is designed to help students learn Italian, in order to be more confident once they start interacting with patients during the second triennium. The Italian language course is scheduled starting from the first year course.

Furthermore, students of the Medicine and Surgery program are involved in seminars and conferences organized by the University, taught entirely in Italian.

Italian language course:

- 1st year 24 hours (2 ECTS)
- 3rd year 36 hours (3 ECTS)
- 4th year 24 hours (2 ECTS)

Academic Eligibility, *Idoneità Accademica*

If in the candidate's home country admission to university-level studies is subject to a special exam (e.g. Selectividad in Spain; Prova de Aferição or Prova Geral de Acesso ao Ensino Superior in Portugal; Matura Shteterore in Albania), the candidate must give evidence to have passed such selection with the required scores.

Qualifications obtained after 11 or 10 years of global schooling - these qualifications do not allow access to Italian universities, unless:

- you attended one (in case of 11 years) or two (in case of 10 years) years at any university and took all the exams included in the relevant study plan; or
- you can give evidence that you attended a pre-school year (this usually applies to some Latin American countries). The pre-school year can be taken into consideration only if its attendance was compulsory, and its syllabus included development of reading and writing skills in the mother tongue.

Language requirements

All admitted candidates are required to provide English language proficiency.

For applicants whose first language is not English, they will be required to provide the following English Language Certificates:

- TOEFL iBT overall score of at least 80; or Academic IELTS overall score of at least 6.0; or a TOEFL Computer Based of at least 213; or a TOEFL Paper Based of at least 550; or a Cambridge ESOL FCE Grade B; or
- Have attended an English taught high school.

The English Language Certificate (if applicable) will not be required at the time of the application, as well as the admission test, but it will be required upon enrollment in September 2016.

Admission test

General requirements for admission to the test:

High School Diploma

The candidates' high school qualification has to:

- be conferred after min. 12 years of previous global schooling
- satisfy the requirements for access to university in the awarding country

High School qualifications that need to satisfy additional criteria:

American High School Diploma (HSD)

Students holding an American HSD must additionally have earned at least 3 Advanced Placements (APs) in as many subjects related to the degree course of their choice.

British qualifications

The British high school qualifications allow access to Italian universities if they certify at least 6 "passes" in different subjects, 3 of which must be A-level and relevant to the chosen degree course.

Greek qualification "Apolyrion"

Allows entry to Italian Universities with a score of 10 out of 20. Additionally, students must have passed the *Veveossi Prosvassis*, unless they graduated before 1999 and can prove that they lived in Italy from 1999 to 2001.

International Baccalaureate (IB)

IB diplomas allow direct enrolment in Italian universities if:

- they are issued by one of the schools listed in the document called "Allegato 2" published by the Italian Ministry for Education (MIUR); and
- students followed the study plan described in the "Allegato A" annexed to the *Decreto Ministeriale (DM)* which is written next to the name of each school in the above mentioned list

Before IB results are released, candidates can request to have their transcript of grades sent to Università Cattolica free of charge. More information can be found at

> www.ibo.org/informationfor/alumni/transcripts. In this case, Università Cattolica does not require legalization of diploma by the Italian Embassy in Geneva.

In case requirements a) and b) are not satisfied, the IB is considered a foreign credential. If requirement a) is not satisfied, students will have to request the legalization of their diploma and the issuing of its *Dichiarazione di valore* to the Italian Embassy in Geneva.

Statement of Validity, *Dichiarazione di Valore (DV)*

The *Dichiarazione di Valore (DV)* is an official document which provides a short description of the candidate's qualifications, its validity in the awarding country to academic and/or professional ends, and the legal status of the awarding institution.

Please note: The DV is issued by the Embassy of the country educational system that awarded the qualification. For example, if the candidate lives in Ghana but has studied at a British school, he/she should refer to the Italian Embassy in the UK.

Life at Cattolica

The housing solution

Living abroad, far away from family can be very difficult at times. This is why our aim is to make every student's campus living experience significant and positive throughout the six years.

On campus dorms:

The on campus dorms have shared rooms, shared living room space, and a kitchen on each floor. With easy access to classes, campus facilities and internet access, students benefit from the wonderful living and social environment of a residential campus community.

Off campus dorms:

EDUCatt also offers a selection of dorms located off campus which are easy to reach from the University.

Student services

International Students Union

Segretariato Italiano Studenti di Medicina (SISM) is a nonprofit association of medical students founded in 1970; today it is present in 34 Italian universities and is affiliated with the International Federation of Medical Students' Associations (IFMSA), an association of medical students that counts members worldwide.

Library

The Rome campus Library was founded in 1961 in order to fulfill the educational and scientific needs of the new-born Medical School. Today, it holds around 253,560 volumes and 8,450 periodicals (100 of which are current). The total reading area covers 2,600 m² and offers more than 400 available seating places distributed in five reading rooms.

Sport facilities

The campus offers students:

- A football field
- 3 tennis courts
- A volleyball court
- A basketball court
- A 5-a-side field

Students can enjoy leisure and recreational facilities accessible on campus. Several sport events are held on campus such as football, basketball and volleyball tournaments between teams made up of University students, doctors and staff.

Health center

The Università Cattolica Health Center provides all enrolled students medical care. Every Monday from 1.30pm to 4.30pm a doctor is available to all students at the Nuovo Joanneum dorm. **Feature:** Visits are free but you are advised to book an appointment ahead of time.

Study & Work Abroad

Università Cattolica gives you the opportunity to enhance your university studies by taking part in an international experience during your degree. Students at Università Cattolica can study abroad for 1 or 2 semesters, and can take part into a language course or or a volunteer experience abroad.

EDUCatt

What is EDUCatt?

A non-profit foundation, ensuring that students receive equal access to different services at Cattolica. EDUCatt manages scholarships, financial support, and residency/dormitory accommodation.

For details please visit > educattunicatt.it
@: info.rm.dsu@educatt.it

Medical Insurance

EU Citizens

If you are a national from either a EU Member State or an EEA country or you are of Swiss nationality, you should have a European Health Insurance Card (EHIC, Italian acronym: TeAM) obtained in your home country from your national healthcare authority. The European Health Insurance Card (EHIC) allows you to receive medical treatment in another member state for free, or at a reduced cost. A patient contribution is required for prescriptions, medical examinations, oral and dental care.

Non-EU Citizens

If you are a non-EU citizen, you must take out an International Health Insurance which covers costs related to medical treatment and admission to hospital. If allowed by the Embassy/Consulate, you can also buy an Italian national Health Insurance upon arrival.

Local transportation

Getting around Rome is very easy and accessible. In Rome, the bus network is run by *Azienda per la mobilità (ATAC)*. All tickets can be purchased at newsstands, from the tabacchi (tobacconist stores marked with a large "T"), or at the metro stations. The rechargeable transportation pass costs €35 per month.

Living expenses per annum

Accommodation (not including meals)* From €5,000 to €8,000

Personal expenses From €2,400 to €4,800

Books €600

Local transportation €420

Food From €1,500 to €2,000

Travelling and extra-curricular activities From €1,000 to €2,000

* The cost may vary depending on the area, the kind of room (single or double), utilities, etc.

Admission requirements & procedures

Save the Date*

Medicine and Surgery

- Publication of the competition call: October 5, 2015
- Opening of the applications: October 5, 2015
- Closure of the applications: January 15, 2016
- Admission test date: January 28, 2016

For details and updated information please visit
› www.ucscinternational.it

Test locations

Admission to the 6-year program in Medicine and Surgery is subject to the evaluation of the written test that will take place on January 28, 2016. The minimum score required to pass the test is 35 points out of 100. Candidates may choose to sit the test in Rome or in one of the international test centers across the world that will be indicated in the competition call. Visit our website to view the list of test centers
› www.ucscinternational.it

Admission test application

In order to be admitted to the test, from October 5, 2015 to January 15, 2016 applicants must comply with the procedures indicated below:

- Access › www.ucscinternational.it and read the "Application Guide" carefully following all the instructions
- Apply online › www.ucscinternational.it
- After submission, in order to finalize their application candidates must pay a non-refundable examination registration fee of €160 (through an online credit card payment) no later than January 20, 2016.

- On the day of the test, candidates must bring their payment receipt and one identification document among the following:
 - Passport (compulsory for non-EU candidates)
 - Identity card
 - Driving license

Admission test content

The written test consists of 100 multiple choice questions divided as follows:

- 95 questions on psycho-attitudinal subjects (logic, visual space reasoning, text understanding, attention and precision, numerical reasoning, problem solving)
- 5 questions on religious and ethical culture (Please visit › www.ucscinternational.it for further information)

Candidates have 100 minutes to complete the test.

Evaluation follows the criteria indicated below:

- 1 point for each correct answer
- minus 0.25 point for each wrong answer
- no points for no answer

Please visit › www.ucscinternational.it for further information

Admission feedback

The program has a maximum capacity of 50 places divided as follows:

- 20 places reserved to Italian and EU citizens residing anywhere, and to non-EU citizens legally residing in Italy
- 30 places reserved to non-EU citizens residing abroad

Please be aware that the number of places available may change in accordance with the Decree of the Ministry of Edu-

cation, University and Research (MIUR), Law no.264, August 2 1999.

Candidates will receive admission feedback on February 8, 2016. Two final rankings will be produced:

- one for EU and non-EU candidates living in Italy;
- one for non-EU candidates living abroad

For details please visit › www.ucscinternational.it

In both final rankings, in case of a tie the youngest candidate will prevail.

Admitted candidates will be asked to pay the first installment to secure their place in the program within 2 weeks from the admission results publication. The aforementioned sum will be deducted from the A.Y. 2016/2017 tuition fees. Should the admitted candidates not pay the deposit by the deadline, they shall be considered 'withdrawn,' vacant places shall be made available to other candidates according to the merit ranking.

What is a competition call?

A competition call is the official document that regulates the admission test, divided into Articles, signed by the Rector, which provides all the appropriate information about the admission test (application procedure, dates, deadlines, requirements, documentation etc.).

In order to apply, candidates must exclusively comply with what is written in the competition call.

Articles of the competition call:

- Number of places available and requirements for the admission
- Date and venues of the admission test
- Admission to the test
- Written test and contents
- Results of the written test

- Requirements for admitted candidates
- Enrollment procedures for admitted candidates

Tuition fees & scholarships opportunities

EU residents (or non-EU residents with an EU generated income)

Tuition ranges from €7,000 to €16,000 per annum (varies according to the financial background of the student or student's family if dependent).

EU residents may apply for regular financial aid and additional scholarships provided by EDUcatt.

For details please refer to › educatt.unicatt.it

Non-EU residents

Tuition is €15,600 per annum

All non EU applicants will be subject to automatic scholarship consideration based on their admission test result.



Milano
Piacenza-Cremona
Brescia
Roma

› www.ucscinternational.it

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