



UNIVERSITÀ  
CATTOLICA  
del Sacro Cuore

*'AGOSTINO GEMELLI' FACULTY OF MEDICINE AND SURGERY*

# STUDENT GUIDEBOOK

2016/2017

Six-year single-cycle Master's Degree programme in  
**MEDICINE AND SURGERY**

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## Message from the Rector

In today's world, it is absolutely essential to choose the right university programme. It sets the direction towards the horizons you have fixed for your professional and private life, so it is a decision to be made with great care and passion. Your university studies are a major step in your life and will shape your future. You will have the opportunity to discover your true professional calling and to establish an important network of relationships.

With campuses in Milan, Brescia, Piacenza-Cremona and Rome (which is also home to the Agostino Gemelli teaching hospital), Università Cattolica del Sacro Cuore has developed a strong national presence and international identity in the years since its foundation in 1921. Through the academic offerings and scientific research of its twelve faculties, more than 80 undergraduate and graduate degree programmes, first- and second-level Specializing Masters' programmes, PhD programmes and seven Postgraduate Schools, the university is committed to offering the best possible conditions for studying, whether this be through close working relationships between professors and their students, through the range of services offered or through the constant intellectual vitality of the campuses fuelled by their inter-disciplinary character.

The Catholic nature of the university ensures that scientific research is approached with clear values and is reinforced by positive dialogue with people from all cultures, in the spirit of a genuine international community. With its long history, its recognized prestige, the quality of its academic and administrative staff and its close links with the business world, the university endeavours to empower its students by giving them a solid cultural foundation and the skills to understand our modern society and take responsible decisions about their actions.

This guide contains information about your faculty and your academic programme. Updated news and information can also be found on the university website: <http://roma.unicatt.it/>.

I trust that the valuable experience of studying at the university will play an important role in your development and will guide you towards achieving your greatest aspirations. I speak for the whole institution in warmly welcoming you to Università Cattolica.

Professor Franco Anelli  
**The Rector**

# The University and the Faculty of Medicine and Surgery

## Nature and Aims of Università Cattolica del Sacro Cuore

Article 1.2 of the Statutes of the University states that *“Università Cattolica is an academic community which facilitates the carrying out of studies, of scientific research and the training of young people for careers in research, teaching, public and private office, and in the liberal professions. Università Cattolica accomplishes these aims through dedicated higher education, and through teaching informed by Christian principles, which respect individual freedom to access all fields of knowledge, and are in accordance with the concept of science as being at the service of mankind, conducive to respectful coexistence, and conforming to the principles of Catholic doctrine, in line with the universal nature of Catholicism and its specific call for freedom”*<sup>1</sup>.

The Catholic nature of the University and its connection to the Catholic Church mean that research and teaching in all fields of knowledge, especially with respect to the great questions of our time, are approached with rigorous scientific method and intellectual depth. Research is carried out against a background of Christian values and towards human and Christian development of society. This has allowed the University to establish itself as a home for honest dialogue and lively debate with other cultures.

All those who wish freely to accept becoming part of Università Cattolica are expected to be aware of the scientific and educational aims of the University as set out above and to be committed to embracing them and putting them into practice. It is expected that such awareness will be translated into students’ personal conduct and into sincere, diligent collaboration with all of the University staff, thereby avoiding any conduct not conforming to the guiding values and principles of the University.

The University’s Code of Ethics was published on 1 November 2011, and was set down in order to reflect a sense of belonging, with the aim of strengthening fundamental values and principles, and defining effective rules and guidelines for the conduct of all those who work and study at the University — professors, academic staff, students, and technical, administrative and services staff. Compliance with the Code of Ethics is an essential part of the mission, the prestige and the

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<sup>1</sup> Article 1.2 of the Statutes, approved by Rectoral Decree dated 24 October 1996. The university was legally recognized by Royal Decree No. 1661 of 2 October 1924.

reputation of Università Cattolica. The Code of Ethics is available for reference on the University website at <http://www.unicatt.it/Codice-etico-nov.pdf> and on iCatt.

## **Governance - Academic**

### **Rector and Pro-Rectors**

The Rector is the University's highest academic authority and legally represents the institution. The Rector calls and chairs meetings of the Board of Directors, the Executive Committee, the Academic Senate and the Advisory Board. He encourages the convergence of the operations of all parts of the university community towards the aims of Università Cattolica. The Rector may appoint one or more Pro-Rectors, who may be delegated to specific functions, and one Pro-Rector may be appointed to deputise for the Rector. The Rector's mandate is for four years, renewable for no more than two consecutive terms.

The current Rector of the University is Prof. Franco Anelli, full professor of Private Law at the Faculty of Law.

The current Pro-Rectors are Prof. Francesco Botturi, full professor of Moral Philosophy for the Faculty of Arts and Philosophy (also Pro-Rector acting for the Rector) and Prof. Antonella Sciarrone Alibrandi, full professor of Law of Economics and of Financial and Agro-food Markets at the Faculty of Banking, Finance and Insurance Sciences.

### **Academic Senate**

The Academic Senate is made up of Faculty members and is chaired by the Rector. The Senate deliberates on issues involving scientific/academic matters which affect the university. The Senate may establish degree programmes and has overall responsibility for the planning and coordination of teaching and research activities.

## Faculty Dean

The Dean is selected by nomination and election. Full Professors in the faculty are eligible for nomination and all Full Professors in the faculty are eligible to vote. The Rector formally appoints the Dean. The term of office for Deans is four years, renewable for no more than two consecutive terms. The current Dean of the Faculty of Medicine and Surgery is Professor Rocco Bellantone.

## Faculty Board

The Faculty Board is made up of all Full Professors, Assistant Professors, representatives of course professors, researchers, and student representatives. The Board undertakes planning, organisation and supervision of teaching and proposes amendments to academic regulations, in accordance with the university Statutes.

## Governance - Administrative

### Board of Directors

The Board of Directors is vested with the broadest powers of ordinary and extraordinary administration of the University. The Board is made up of eighteen members: the Rector (who also acts as Chair); ten members appointed by the *Istituto Giuseppe Toniolo di Studi Superiori*; a representative of the *Holy See*; a representative of the *Italian Bishops' Conference*; a representative of the Italian government; a representative of the lay organisation *Azione Cattolica Italiana*; and three Full Professors from the University campuses elected by Full Professors and Associate Professors.

### General Manager

The General Manager is head of the University's offices and services, and directs and coordinates their activities. He oversees the direction, management and control of non-academic staff and personnel. Other responsibilities include ensuring compliance with legislation and university regulations, and implementing resolutions deliberated by University bodies in line with the



University statute. The appointment of the General Manager is confirmed by the Board of Directors following a proposal by the Rector. The current General Manager is Professor Marco Elefanti.

### **Campus Manager**

The Campus Manager is responsible for the management of local operations and achieving the objectives within the General Manager's overall planning and coordination of activities and as set down by the Board of Directors. Appointment of the Campus Manager is confirmed by the Rector following a resolution by the Board of Directors on the basis of a proposal put forward by the General Manager. The current Campus Manager for the Rome Campus is Dott. Fabrizio Vicentini.

## **Pastoral Services**

### **General Ecclesial Assistant**

Spiritual guidance and pastoral activity within the University community are coordinated by the General Ecclesial Assistant and undertaken with the support of staff who provide individual assistance for personal and spiritual growth. The General Ecclesial Assistant is also responsible for coordinating the activities of the University Pastoral Board and the organisation of Theology courses.

The current Ecclesial Assistant is H.E. Mons. Claudio Giuliadori.

### **University Pastoral Board**

The University Pastoral Board fulfils an advisory role and shares ecclesiastical responsibility for the proper implementation of the objectives of the campus ministry. With representatives from all parts of the University among its members, it ensures that the voice of the student and faculty community is heard.

## Board of Professors of Theology

Chaired by the Rector and coordinated by the General Ecclesial Assistant, this Board brings together all faculty members teaching Theology at Università Cattolica and has the task of streamlining the organization of theology courses, which are so important in the life of the University: by their very nature, the courses play “a particularly important role in the search for a synthesis of knowledge as well as in the dialogue between faith and reason.” (*Ex Corde Ecclesiae*, 19).

## Pastoral Centres

There are pastoral centres on all campuses which operate according to an educational approach based on the principles of Christian values and the centrality of the person. The centres manage the celebration of the Liturgy and provide a space for interaction, discussion, prayer and training. Pastoral assistants are available to meet with students and facilitate dialogue with them directed towards human and spiritual growth. Ecclesial associations and movements collaborate with the pastoral centres, as do prayer and voluntary groups: all bring their own charismatic nature which contributes to the shared commitment to educating, providing witness and to an evangelizing mission.

## Academic Programmes

### Bachelor's Degree Programmes (*Laurea Triennale*)

The three-year Bachelor's Degree programmes within the academic offering are established with reference to the 43 different degree subject categories set out by the Ministry of Education, Universities and Research (MIUR), with the addition of 4 categories related specifically to the health care professions.

These degree programmes are designed to provide both a solid foundation and specialised professional training. The degree qualification is awarded after earning 180 credits. Graduates can then either enter the job market directly or continue their studies by pursuing a Master's Degree.

### Master's Degree Programmes (*Laurea Magistrale*)

The two-year Master's Degree programmes within the academic offering are established with reference to 98 degree subject categories set out by MIUR, with the addition of 4 categories related specifically to the health care professions.

These degree programmes are designed to provide an advanced level of training to prepare students to be able to undertake specialised work in specific professions. The qualification is awarded after earning 120 credits.

The academic offering also includes single-cycle Master's Degree programmes lasting either 5 or 6 years for which qualifications are awarded after earning respectively 300 or 360 credits.

### Specialising Master's Programmes (*Master Universitario*)

These one-year programmes offer further study opportunities after a Bachelor's Degree (a pre-requisite for a first-level Specialising Master's programme) or after a Master's Degree (a pre-requisite for a second-level Specialising Master's programme). The programmes involve practical

training undertaken at participating partner organisations and qualifications are awarded after earning 60 credits.

### **Postgraduate Schools**

The aim of the postgraduate schools is to train doctors as specialists in the medical field: students completing a programme will be awarded the qualification of 'specialist' in their particular sector. Applications are open to graduates with academic qualifications in Medicine and Surgery. Applications for some study tracks are open to graduates of subjects other than medicine.

Postgraduate specialising programmes are delivered in line with local legislation or European Union regulations.

### **Doctoral Programmes (*Dottorato di Ricerca*)**

The aim of doctoral programmes is to provide candidates with the necessary skills to carry out research and cover high level positions in universities, and in public and private organisations.

Doctoral programmes last between three and four years. Only graduates holding a Master's Degree may apply. At the end of the programme candidates will be awarded the qualification of Doctor (PhD).

### **Degree Categories**

All degree programmes fall within degree categories established by the Ministry of Education, University and Research (MIUR) which set out the essential components that programmes must provide in each particular class. Universities may add their own distinguishing features to their programmes. Therefore, apart from the name that Università Cattolica may give to a degree programme, students should also refer to the category that the programmes belong to.

## History of the Faculty of Medicine and Surgery

Established by Presidential Decree No. 754 dated 18 June 1958, the Faculty opened in the 1961-62 academic year. Its headquarters are in Rome, in accordance with the wish expressed by Pius XI in 1934 when donating the Monte Mario property to the Istituto Giuseppe Toniolo di Studi Superiori, the founding body and guarantor of Università Cattolica del Sacro Cuore. This wish was reiterated by Pope Pius XII in 1958 at the time of the mass celebrated to mark the fiftieth anniversary of the ordination and eightieth birthday of Father Agostino Gemelli, founder and first Rector of Università Cattolica, who from the beginning of the university aspired to include a Faculty of Medicine because:

*“Catholics are increasingly aware of the need for doctors who are informed by Christian values in the exercise of their profession, i.e. doctors with a spirit educated to observe Christian rules who thus see patients as unhappy brothers in need of help”. (Perché i cattolici italiani aspirano ad avere una Facoltà di Medicina, Vita e Pensiero, 1958).*

In line with the overall aim of Università Cattolica del Sacro Cuore, the Faculty of Medicine and Surgery seeks to produce scientifically and technically qualified graduates who are capable of applying a Christian anthropological dimension to their profession. The Faculty aims to achieve this by creating, through its academic offerings and structural organisation, an environment of work and study in which the scientific and religious views of the world merge cohesively, in the search for truth and in interpreting the human experience as a whole.

# Six-year Single-cycle Master's Degree Programme in Medicine and Surgery

## The Master's Degree Programme in Medicine and Surgery

The 2013/2014 academic year saw Università Cattolica del Sacro Cuore launch its six-year single-cycle Master's Degree programme in Medicine and Surgery, with an innovative curriculum and taught entirely in English.

The programme provides for full integration of teaching objectives and methods used in European and US curricula. It provides the scientific basis and the theoretical and practical training essential for the exercise of the medical profession internationally. Students receive top quality education which will allow them to develop all the technical competencies required to operate independently and responsibly in the medical sector. The overall objectives are pursued using a teaching approach designed to examine health issues in depth in a holistic manner, taking account of the influence of the surrounding chemical-physical, biological and social environment.

The aim of the single-cycle Master's Degree programme in Medicine and Surgery is to educate, help and support future medical practitioners with professional knowledge enriched by a multidisciplinary and integrated view of the most common issues related to health and illnesses. The scope of this programme is oriented towards the community and the regional area, with specific focus on prevention and wellbeing.

Skills and attributes that graduates will exhibit include the following:

- 1) communication skills;
- 2) continuing education and good self-assessment skills;
- 3) strong analytical and problem-solving skills for medical practice;
- 4) in-depth and focused clinical experience based upon scientific evidence;
- 5) continuing professional development and refreshment of medical knowledge;
- 6) wide-ranging and interdisciplinary education.

One outstanding feature of the programme is the complete integration of basic and clinical sciences. This is achieved through constant use of a multi-disciplinary approach and early involvement in patient management. In addition, not only is there an emphasis on medical anthropology and bioethics, there is also focus on fine-tuning communication skills to deal with patients and their families which is an essential part of the six years of teaching.

The programme provides a strong foundation as well as all-round theoretical and practical competence. Students also acquire skills for independent decision-making and are trained to deal effectively with health issues from the viewpoint of prevention, diagnosis, prognosis and treatment.

## Study Plan 2016/2017

To graduate from the Master's Degree programme, all students must follow the Study Plan set out for their particular degree programme, designed in compliance with teaching regulations and with Faculty Board directives. Students must attend all activities and obtain credits as listed in the study plan. Credits are gained by passing examinations or other specified forms of assessment.

Should new study regulations be activated or should study plan regulations be altered or revised by the Faculty, students studying outside the prescribed degree timeframe will have to adjust their study plan accordingly.

Students of Medicine and Surgery are required to attend all programmed instructional and professionalising activities in their study plan to complete 360 credits. Attendance will be carefully monitored by academic staff and recorded in line with regulations set down by the Master's Degree Programme Committee. Registration for examinations requires a certified attendance record for compulsory instructional and professionalising activities.

### STUDY PLAN (in line with Ministerial Decree n. 270) 2016/2017 academic year programmed instruction

YEAR 1		
COURSE	SECTOR	CREDITS
<b>1st Semester ML0001 INTRODUCTION COURSE TO MEDICINE</b>		<b>6</b>
MEDICAL AND HEALTH PSYCHOLOGY I: FOUNDATIONS	M-PSI/08	
BIOLOGY	BIO/13	
CLINICAL SYMPTOMATOLOGY	MED/09	
CLINICAL ANATOMY	BIO/16	
CHEMISTRY/BIOCHEMISTRY	BIO/10	
BIostatistics	MED/01	
INFORMATICS	INF/01	
ETHICAL PRINCIPLES FOR UNDERGRADUATE STUDENTS	MED/43	
DESCRIPTION OF STUDENTS EVALUATION AND EXAMINATION METHODS	BIO/17	
LABORATORY (SAFETY AND HEALTH)	BIO/10	
MEDICAL AND HEALTH PSYCHOLOGY I: FOUNDATIONS PRACTICALS	M-PSI/08	



DESCRIPTION OF THE OVERALL COURSE ORGANIZATION	MED/09	
PHYSICS I: INTRODUCTION	FIS/07	
LABORATORY (SAFETY AND HEALTH) PRACTICALS	BIO/10	
BIostatISTICS PRACTICALS	MED/01	
<b>1st Semester ML0043 MOLECULES AND CELLS</b>		<b>29</b>
CHEMISTRY/BIOCHEMISTRY	BIO/10	
CELLULAR BIOLOGY	BIO/13	
HUMAN GENETICS	MED/03	
MOLECULAR BIOLOGY	BIO/11	
CELLULAR BIOLOGY PRACTICALS	BIO/13	
PHYSICS III: THERMAL PHYSICS AND WAVES	FIS/07	
PHYSICS II: MECHANICS	FIS/07	
HISTOLOGY AND GENERAL EMBRYOLOGY	BIO/17	
HISTOLOGY AND GENERAL EMBRYOLOGY PRACTICALS	BIO/17	
CHEMISTRY/BIOCHEMISTRY PRACTICALS	BIO/10	
GENERAL MICROBIOLOGY	MED/07	
GENERAL MICROBIOLOGY PRACTICALS	MED/07	
ELECTRIC AND ELECTRONIC MEASURES PRACTICALS	ING-	
<b>2nd Semester ML0017 ELECTROMAGNETISM AND PHYSIOLOGY OF EXCITABLE</b>		<b>3</b>
CELL PHYSIOLOGY	BIO/09	
PHYSICS IV: ELECTROMAGNETISM	FIS/07	
CELL PHYSIOLOGY PRACTICALS	BIO/09	
<b>2nd Semester ML0021 ORGANIC AND FUNCTIONAL SYSTEMS I</b>		<b>16</b>
HEART: ANATOMY	BIO/16	
SKELETAL-MUSCLE SYSTEM: BIOCHEMISTRY PRACTICALS	BIO/10	
HEART: EMBRYOLOGY	BIO/17	
SKELETAL-MUSCLE SYSTEM: ANATOMY PRACTICALS	BIO/16	
SKELETAL-MUSCLE SYSTEM: PHYSIOLOGY	BIO/09	
HEART: ANATOMY PRACTICALS	BIO/16	
SKELETAL-MUSCLE SYSTEM: BIOCHEMISTRY	BIO/10	
SKELETAL-MUSCLE SYSTEM: HISTOLOGY	BIO/17	
HEART: PHYSIOLOGY PRACTICALS	BIO/09	
SKELETAL-MUSCLE SYSTEM: ANATOMY	BIO/16	
HEART: HISTOLOGY PRACTICALS	BIO/17	
SKELETAL-MUSCLE SYSTEM: EMBRYOLOGY	BIO/17	
SKELETAL-MUSCLE SYSTEM: PHYSIOLOGY PRACTICALS	BIO/09	
HEART: PHYSIOLOGY	BIO/09	
HEART: BIOCHEMISTRY	BIO/10	
SKELETAL-MUSCLE SYSTEM: HISTOLOGY PRACTICALS	BIO/17	
HEART:HISTOLOGY	BIO/17	

<b>2nd Semester ML0039 FIRST AID AND NURSING PRACTICE I</b>		<b>2</b>
FIRST AID I PRACTICALS	MED/41	
NURSING PRACTICE I	MED/45	
FIRST AID I	MED/41	
<b>2nd Semester ML1206 RESIDENCY IN HEALTH CENTER</b>		<b>1</b>
RISK MANAGEMENT, SAFETY AND HEALTH	MED/42	
<b>Annual ML0244 ITALIAN LANGUAGE</b>		<b>2</b>
ITALIAN LANGUAGE I	L-FIL-	
ITALIAN LANGUAGE II	L-FIL-	
<b>Annual ML0307 OPTIONAL PROJECT I</b>		<b>1</b>
RUST AND BONE (MOVIE)	BIO/17	
I AM SAM (MOVIE)	MED/03	
LORENZO'S OIL (MOVIE)	MED/03	
<b>Annual ML0308 VERTICAL DOMAIN I</b>		<b>1</b>
MISS EVERS BOYS (MOVIE)	MED/43	
<b>Annual ML1501 INTRODUCTION TO THEOLOGY AND QUESTIONS OF FUNDAMENTAL THEOLOGY</b>		
INTRODUCTION TO THEOLOGY AND QUESTIONS OF FUNDAMENTAL THEOLOGY		

YEAR 2		
COURSE	SECTOR	CREDITS
<b>1st Semester ML0057 ORGANIC AND FUNCTIONAL SYSTEMS II</b>		<b>17</b>
VASCULAR SYSTEM: PHYSIOLOGY PRACTICALS	BIO/09	
ENDOCRINE SYSTEM: PHYSIOLOGY	BIO/09	
URINARY SYSTEM: PHYSIOLOGY	BIO/09	
DIGESTIVE SYSTEM: PHYSIOLOGY	BIO/09	
RESPIRATORY SYSTEM: PHYSIOLOGY	BIO/09	
RESPIRATORY SYSTEM: PHYSIOLOGY PRACTICALS	BIO/09	
VASCULAR SYSTEM: PHYSIOLOGY	BIO/09	
ENDOCRINE SYSTEM: ANATOMY	BIO/16	
ENDOCRINE SYSTEM: ANATOMY PRACTICALS	BIO/16	
URINARY SYSTEM: ANATOMY	BIO/16	
URINARY SYSTEM: ANATOMY PRACTICALS	BIO/16	
ENDOCRINE SYSTEM: EMBRYOLOGY	BIO/17	
ENDOCRINE SYSTEM: HISTOLOGY	BIO/17	
VASCULAR SYSTEM: HISTOLOGY PRACTICALS	BIO/17	
ENDOCRINE SYSTEM: HISTOLOGY PRACTICALS	BIO/17	
VASCULAR SYSTEM: HISTOLOGY	BIO/17	
VASCULAR SYSTEM: EMBRYOLOGY	BIO/17	
DIGESTIVE SYSTEM: ANATOMY	BIO/16	
RESPIRATORY SYSTEM: ANATOMY	BIO/16	
RESPIRATORY SYSTEM: ANATOMY PRACTICALS	BIO/16	
DIGESTIVE SYSTEM: ANATOMY PRACTICALS	BIO/16	
VASCULAR SYSTEM: ANATOMY	BIO/16	
VASCULAR SYSTEM: ANATOMY PRACTICALS	BIO/16	
URINARY SYSTEM: EMBRYOLOGY	BIO/17	
URINARY SYSTEM: HISTOLOGY	BIO/17	
DIGESTIVE SYSTEM: HISTOLOGY PRACTICALS	BIO/17	
RESPIRATORY SYSTEM: HISTOLOGY PRACTICALS	BIO/17	
URINARY SYSTEM: HISTOLOGY PRACTICALS	BIO/17	
RESPIRATORY SYSTEM: HISTOLOGY	BIO/17	
RESPIRATORY SYSTEM: EMBRYOLOGY	BIO/17	
DIGESTIVE SYSTEM: HISTOLOGY	BIO/17	
DIGESTIVE SYSTEM: EMBRYOLOGY	BIO/17	

<b>2nd Semester ML0090 ORGANIC AND FUNCTIONAL SYSTEMS III</b>		<b>13</b>
REPRODUCTIVE SYSTEM: EMBRYOLOGY	BIO/17	
NERVOUS SYSTEM: PHYSIOLOGY	BIO/09	
REPRODUCTIVE SYSTEM: PHYSIOLOGY	BIO/09	
NERVOUS SYSTEM: ANATOMY PRACTICALS	BIO/16	
NERVOUS SYSTEM: ANATOMY PRACTICALS	BIO/16	
REPRODUCTIVE SYSTEM: ANATOMY	BIO/16	
NERVOUS SYSTEM: ANATOMY	BIO/16	
REPRODUCTIVE SYSTEM: ANATOMY PRACTICALS	BIO/16	
NERVOUS SYSTEM: EMBRYOLOGY	BIO/17	
REPRODUCTIVE SYSTEM: HISTOLOGY	BIO/17	
NERVOUS SYSTEM: HISTOLOGY	BIO/17	
NERVOUS SYSTEM: HISTOLOGY PRACTICALS	BIO/17	
REPRODUCTIVE SYSTEM: HISTOLOGY PRACTICALS	BIO/17	
NERVOUS SYSTEM GENERAL PSYCHOLOGY	M-PSI/01	
NERVOUS SYSTEM: PHYSIOLOGY PRACTICALS	BIO/09	
<b>2nd Semester ML2501 QUESTIONS OF SPECULATIVE AND DOGMATIC THEOLOGY</b>		
QUESTIONS OF SPECULATIVE AND DOGMATIC THEOLOGY		
<b>Annual ML0105 FIRST AID AND NURSING PRACTICE II</b>		<b>3</b>
FIRST AID II PRACTICALS	MED/41	
FIRST AID II	MED/41	
NURSING PRACTICE II	MED/45	
<b>Annual ML0247 OPTIONAL PROJECT II</b>		<b>1</b>
SEMINARS, ROLE-PLAYING, THEATRICAL ACTIVITIES, MOVIES, ECT.	NP	
<b>Annual ML0248 VERTICAL DOMAIN II</b>		<b>2</b>
HORIZONTAL/VERTICAL MENTORING, CATHOLIC MORAL, BIOETHICS, E	NP	
<b>Annual ML2204 FAMILY, SOCIETY AND HEALTH</b>		<b>6</b>
MEDICAL ANTHROPOLOGY	M-DEA/01	
HISTORY OF MEDICINE	MED/04	
BIOETHICS AND MEDICAL HUMANITIES	MED/43	
<b>Annual ML2207 INFORMATICS</b>		<b>2</b>
INFORMATICS	INF/01	
<b>Annual ML2209 METHODOLOGY OF RESEARCH I</b>		<b>1</b>
METHODOLOGY OF RESEARCH I	MED/04	

YEAR 3		
COURSE	SECTOR	CREDITS
<b>1st Semester ML0109 BIOPATHOLOGY AND INTRODUCTION TO MEDICAL THERAPY</b>		<b>37</b>
PATHOLOGY I	MED/08	
MEDICAL GENETICS	MED/03	
GENERAL PRINCIPLES OF PHARMACOLOGY	BIO/14	
PHARMACOLOGY OF THE AUTONOMIC AND CENTRAL NERVOUS SYSTEM	BIO/14	
CHEMOTHERAPY OF NEOPLASTIC DISEASES	BIO/14	
PATHOLOGY I PRACTICALS	MED/08	
MEDICAL GENETICS PRACTICALS	MED/03	
CHEMOTHERAPY OF NEOPLASTIC DISEASES PRACTICALS	BIO/14	
CHEMOTHERAPY OF INFECTIOUS DISEASES	BIO/14	
CHEMOTHERAPY OF INFECTIOUS DISEASES PRACTICALS	BIO/14	
INFECTIOUS DISEASES I PRACTICALS	MED/17	
INFECTIOUS DISEASES I	MED/17	
MEDICAL MICROBIOLOGY	MED/07	
MEDICAL MICROBIOLOGY PRACTICALS	MED/07	
MOLECULAR PATHOLOGY, IMMUNOLOGY AND PATHOPHYSIOLOGY	MED/04	
MOLECULAR PATHOLOGY, IMMUNOLOGY AND PATHOPHYSIOLOGY	MED/04	
PET INFECTIOUS DISEASES: FROM ANIMALS TO HUMANS (ZOOSES)	VET/05	
<b>1st Semester ML0127 EPIDEMIOLOGY AND BIOSTATISTICS</b>		<b>3</b>
BIOSTATISTICS	MED/01	
EPIDEMIOLOGY	MED/42	
EPIDEMIOLOGY PRACTICALS	MED/42	
<b>1st Semester ML0131 INTRODUCTION TO CLINICAL MEDICINE</b>		<b>4</b>
MEDICAL AND HEALTH PSYCHOLOGY	M-PSI/08	
INTRODUCTION TO CLINICAL MEDICINE	MED/09	
INTRODUCTION TO CLINICAL MEDICINE PROFESSIONAL TRAINING	MED/09	
<b>1st Semester ML3201 PUBLIC HEALTH</b>		<b>2</b>
PUBLIC HEALTH I	MED/42	
<b>2nd Semester ML3501 QUESTIONS OF MORAL AND PRACTICAL THEOLOGY</b>		
QUESTIONS OF MORAL AND PRACTICAL THEOLOGY		
<b>Annual ML0251 OPTIONAL PROJECT III</b>		<b>1</b>
SEMINARS, ROLE-PLAYING, THEATRICAL ACTIVITIES, MOVIES, ECT.	NP	
<b>Annual ML0253 VERTICAL DOMAIN III</b>		<b>2</b>
HORIZONTAL/VERTICAL MENTORING, CATHOLIC MORAL, BIOETHICS, ET	NP	
<b>Annual ML0259 SCIENTIFIC ENGLISH</b>		<b>2</b>
SCIENTIFIC ENGLISH	L-LIN/12	
<b>Annual ML0261 ITALIAN LANGUAGE</b>		<b>3</b>
ITALIAN LANGUAGE III	L-FIL-	
<b>Annual ML3209 METHODOLOGY OF RESEARCH II</b>		<b>1</b>
METHODOLOGY OF RESEARCH II	MED/42	

YEAR 4		
COURSE	SECTOR	CREDITS
<b>1st Semester ML0135 CLINICAL CENTER RESIDENCY I</b>		<b>13</b>
INTERNAL MEDICINE II	MED/09	
INFECTIOUS DISEASES II	MED/17	
INFECTIOUS DISEASES PROFESSIONAL TRAINING	MED/17	
GENERAL SURGERY II	MED/18	
GENERAL SURGERY I	MED/18	
GENERAL SURGERY PROFESSIONAL TRAINING	MED/18	
OCCUPATIONAL PSYCHOLOGY	M-PSI/06	
MEDICAL AND SURGERY PHARMACOLOGY	BIO/14	
INTERNAL MEDICINE I	MED/09	
INTERNAL MEDICINE PROFESSIONAL TRAINING	MED/09	
<b>1st Semester ML0146 MEDICINE RESIDENCY I</b>		<b>13</b>
ENDOCRINE AND METABOLIC DISEASES	MED/13	
GASTROENTEROLOGY	MED/12	
HEMATOLOGY	MED/15	
HEMATOLOGY PROFESSIONAL TRAINING	MED/15	
GASTROENTEROLOGY PROFESSIONAL TRAINING	MED/12	
ENDOCRINE AND METABOLIC DISEASES PROFESSIONAL TRAINING	MED/13	
<b>1st Semester ML0153 MATERNAL AND CHILD HEALTH RESIDENCY</b>		<b>19</b>
CLINICAL GENETICS I	MED/03	
OBSTETRICS AND GYNECOLOGY	MED/40	
PEDIATRIC SURGERY	MED/20	
PEDIATRICS	MED/38	
PEDIATRIC NEUROPSYCHIATRY	MED/39	
EMBRYOLOGY	BIO/17	
PEDIATRICS PROFESSIONAL TRAINING	MED/38	
OBSTETRICS AND GYNECOLOGY PROFESSIONAL TRAINING	MED/40	
<b>2nd Semester ML0162 CLINICAL NEUROSCIENCES</b>		<b>12</b>
NEUROLOGY PROFESSIONAL TRAINING	MED/26	
NEUROSURGERY PROFESSIONAL TRAINING	MED/27	
GENERAL PRINCIPLES OF NEURORADIOLOGY PROFESSIONAL TRAINING	MED/37	
GENERAL PRINCIPLES OF NEURORADIOLOGY	MED/37	
CLINICAL PHYSIOLOGY I	BIO/09	
PSYCHIATRY	MED/25	
NEUROLOGY	MED/26	
NEUROSURGERY	MED/27	

<b>2nd Semester ML0171 FROM CLINICAL TO MOLECULAR BIOLOGY I</b>		<b>8</b>
PATHOLOGY PROFESSIONAL TRAINING	MED/08	
PHARMACOLOGY I	BIO/14	
PATHOLOGY II	MED/08	
MOLECULAR DIAGNOSTICS	BIO/12	
CLINICAL PATHOLOGY	MED/05	
CLINICAL IMMUNOLOGY	MED/04	
<b>Annual ML0255 OPTIONAL PROJECT IV</b>		<b>1</b>
SEMINARS, ROLE-PLAYING, THEATRICAL ACTIVITIES, MOVIES, ECT.	NP	
<b>Annual ML0257 VERTICAL DOMAIN IV</b>		<b>1</b>
HORIZONTAL/VERTICAL MENTORING, CATHOLIC MORAL, BIOETHICS, E	NP	
<b>Annual ML0263 ITALIAN LANGUAGE</b>		<b>2</b>
ITALIAN LANGUAGE IV	L-FIL-	
<b>Annual ML4501 THEOLOGY (SEMINAR)</b>		
Theology (Seminar)		

<b>YEAR 5</b>		
<b>COURSE</b>	<b>SECTOR</b>	<b>CREDITS</b>
<b>1st Semester ML0178 CLINICAL CENTER RESIDENCY II</b>		<b>9</b>
INTERNAL MEDICINE PROFESSIONAL TRAINING	MED/09	
GENERAL SURGERY PROFESSIONAL TRAINING	MED/18	
PHARMACOLOGY II	BIO/14	
GENERAL SURGERY III	MED/18	
ANESTHESIOLOGY AND EMERGENCY MEDICINE I	MED/41	
INTERNAL MEDICINE III	MED/09	
INTERNAL MEDICINE IV	MED/09	
<b>1st Semester ML0186 PUBLIC HEALTH RESIDENCY</b>		<b>9</b>
OCCUPATIONAL MEDICINE PROFESSIONAL TRAINING	MED/44	
FORENSIC MEDICINE PROFESSIONAL TRAINING	MED/43	
FORENSIC MEDICINE II	MED/43	
OCCUPATIONAL HEALTH	MED/44	
PUBLIC HEALTH II	MED/42	
FORENSIC MEDICINE I	MED/43	
BIOETHICS AND MEDICAL HUMANITIES	MED/43	
<b>1st Semester ML0194 MEDICINE RESIDENCY II</b>		<b>22</b>
CARDIOLOGY PROFESSIONAL TRAINING	MED/11	
PULMONARY PROFESSIONAL TRAINING	MED/10	
NEPHROLOGY PROFESSIONAL TRAINING	MED/14	
RHEUMATOLOGY PROFESSIONAL TRAINING	MED/16	
GERIATRICS PROFESSIONAL TRAINING	MED/09	
ONCOLOGY PROFESSIONAL TRAINING	MED/06	
INFECTIOUS DISEASES PROFESSIONAL TRAINING	MED/17	

DERMATOLOGY PROFESSIONAL TRAINING	MED/35	
ONCOLOGY	MED/06	
PNEUMOLOGY	MED/10	
CARDIOLOGY	MED/11	
NEPHROLOGY	MED/14	
RHEUMATOLOGY	MED/16	
CLINICAL GENETICS II	MED/03	
GERIATRICS	MED/09	
INFECTIOUS DISEASES III	MED/17	
DERMATOLOGY	MED/35	
<b>1st Semester ML0212 SURGERY RESIDENCY II</b>		<b>17</b>
GENERAL SURGERY PROFESSIONAL TRAINING	MED/18	
ORTHOPAEDICS AND ORTHOPAEDIC SURGERY PROFESSIONAL TRAINING	MED/33	
PHYSICAL MEDICINE AND REHABILITATION PROFESSIONAL TRAINING	MED/34	
THORACIC SURGERY PROFESSIONAL TRAINING	MED/21	
CARDIAC SURGERY PROFESSIONAL TRAINING	MED/23	
VASCULAR SURGERY PROFESSIONAL TRAINING	MED/22	
UROLOGY PROFESSIONAL TRAINING	MED/24	
CLINICAL PHYSIOLOGY II	BIO/09	
THORACIC SURGERY	MED/21	
VASCULAR SURGERY	MED/22	
CARDIAC SURGERY	MED/23	
UROLOGY	MED/24	
GENERAL SURGERY IV	MED/18	
GENERAL SURGERY V	MED/18	
ORTHOPAEDICS AND ORTHOPAEDIC SURGERY	MED/33	
PHYSICAL MEDICINE AND REHABILITATION	MED/34	
<b>1st Semester ML0297 SURGERY RESIDENCY I</b>		<b>10</b>
OTOLARYNGOLOGY PROFESSIONAL TRAINING	MED/31	
PLASTIC SURGERY PROFESSIONAL TRAINING	MED/19	
ODONTOSTOMATOLOGY AND MAXILLO - FACIAL SURGERY PROFESSIONAL	MED/28	
OPHTHALMOLOGY AND OPHTHALMOLOGY SURGERY PROFESSIONAL	MED/30	
MAXILLOFACIAL SURGERY	MED/28	
OPHTHALMOLOGY	MED/30	
OTOLARYNGOLOGY	MED/31	
PLASTIC SURGERY	MED/19	
<b>1st Semester ML5202 FROM CLINICAL TO MOLECULAR BIOLOGY II</b>		<b>2</b>
PATHOLOGY III	MED/08	
PHARMACOLOGY III	BIO/14	
<b>Annual ML0265 OPTIONAL PROJECT V</b>		<b>1</b>
SEMINARS, ROLE-PLAYING, THEATRICAL ACTIVITIES, MOVIES, ECT.	NP	
<b>Annual ML0267 VERTICAL DOMAIN V</b>		<b>1</b>
HORIZONTAL/VERTICAL MENTORING, CATHOLIC MORAL, BIOETHICS, ET	NP	



YEAR 6		
COURSE	SECTOR	CREDITS
<b>1st Semester ML0269 HEALTH CENTER RESIDENCY - FINAL TRAINING</b>		<b>16</b>
INTERNAL MEDICINE PROFESSIONAL TRAINING	MED/09	
ANESTHESIOLOGY AND EMERGENCY MEDICINE II PROFESSIONAL TRAINING	MED/41	
GENERAL SURGERY PROFESSIONAL TRAINING	MED/18	
INTERNAL MEDICINE V	MED/09	
GENERAL SURGERY VI	MED/18	
ANESTHESIOLOGY AND EMERGENCY MEDICINE II	MED/41	
<b>1st Semester ML0276 FROM CLINICAL TO MOLECULAR BIOLOGY III</b>		<b>5</b>
INFECTIOUS DISEASES PROFESSIONAL TRAINING	MED/17	
CLINICAL PHARMACOLOGY PROFESSIONAL TRAINING	BIO/14	
CLINICAL PHARMACOLOGY	BIO/14	
PATHOLOGY IV	MED/08	
INFECTIOUS DISEASES IV	MED/17	
<b>2nd Semester ML0282 HOSPITAL RESIDENCY - FINAL TRAINING</b>		<b>24</b>
RADIO DIAGNOSTICS AND RADIOTHERAPY PROFESSIONAL TRAINING	MED/36	
INTERNAL MEDICINE PROFESSIONAL TRAINING	MED/09	
GENERAL SURGERY PROFESSIONAL TRAINING	MED/18	
PHYSICS V: MODERN PHYSICS	FIS/07	
GENERAL SURGERY VII	MED/18	
RADIO DIAGNOSTICS AND RADIOTHERAPY	MED/36	
INTERNAL MEDICINE VI	MED/09	
INTERNAL MEDICINE VII: (SPORT MEDICINE)	MED/09	
<b>Annual ML0291 OPTIONAL PROJECT - FINAL PROJECT</b>		<b>1</b>
SEMINARS, ROLE-PLAYING, THEATRICAL ACTIVITIES, MOVIES ECT.	NP	
<b>Annual ML0293 COMMUNITY CARE AND GENERAL MEDICINE</b>		<b>2</b>
GENERAL PRACTITIONER: ORGANIZATION, MANAGEMENT, SAFETY AND	NP	
<b>Annual ML0295 FINAL TEST</b>		<b>18</b>
FINAL TEST	NP	

# Academic Calendar

## 2016-2017

### Medicine and Surgery (1st Year)

September 26th 2016 – October 14th 2016	- Introduction Course to Medicine (Lessons)
October 17th 2016 – October 21st 2016	- 1st Ordinary Exam Session 16/17
October 24th 2016 – February 10th 2017 October 31st 2016 – November 1st 2016	- Molecules and Cells (Lessons) - Classes are suspended
December 8 th /9th 2016	- Classes are suspended
December 19th 2016 – December 23rd 2016	- Classes are suspended - Extra Exam Session from December 19 th 2016 to December 23rd 2016
December 24th 2016 – January 6th 2017	- Christmas Holidays from December 24th 2016 to January 6th 2017
February 13th 2017 – February 24th 2017	- 2nd Ordinary Exam Session 16/17
February 27th 2017 – March 17th 2017	- Electromagnetism and Physiology of Excitable Cells (Lessons)
March 20th 2017 – March 24th 2017	- 3rd Ordinary Exam Session 16/17
March 27th 2017 – June 16th 2017 April 12 th 2017 - April 25th 2017 May 1st 2017 and June 2nd 2017	- Organic and Functional Systems I (Lessons) - Easter Holidays from April 12th 2017 to April 25th 2017 - Classes are suspended
June 19th 2017 – June 28th 2017	- 4th Ordinary Exam Session 16/17
June 29th /30th 2017	- Classes are suspended
July 3rd 2017 – July 14th 2017	- First Aid and Nursing Practice I (Lessons) - Residency in Health Center (Lessons)
July 17th 2017 – July 28th 2017	- 5th Ordinary Exam Session 16/17
August 28th 2017 – September 22nd 2017	- Extra Exam Autumn Session 16/17

### Medicine and Surgery (2nd Year)

September 26th 2016 – October 14th 2016	- Organic and Functional Systems II Vascular System & Endocrine System (Lessons)
October 17th 2016 – October 21st 2016	- Classes are suspended - Vascular System & Endocrine System, October 20th – 21st Intermediate Test
October 24th 2016 – November 11th 2016  October 31st 2016 – November 1st 2016	- Organic and Functional Systems II Respiratory System (Lessons) - Classes are suspended
November 14th 2016 – November 18th 2016	- Classes are suspended - Respiratory System, November 17th – 18th Intermediate Test
November 21st 2016 – December 7th 2016	- Organic and Functional Systems II Digestive System (Lessons)
December 8th/9th 2016	- Classes are suspended
December 12th 2016 – December 16th 2016	- Classes are suspended - Digestive System, December 15 th /16th Intermediate Test
December 19th 2016 – December 23rd 2016	- Classes are suspended - Extra Exam Session from December 19 th 2016 to December 23rd 2016
December 24th 2016 – January 6th 2017	- Christmas Holidays from December 24th 2016 to January 6th 2017
January 9th 2017 – January 20th 2017	- Organic and Functional Systems II Urinary System (Lessons)
January 23rd 2017 – January 27th 2017	- Classes are suspended - Urinary System, January 26th - 27th Intermediate Test
January 30th 2017 – February 10th 2017	- 1st Ordinary Exam Session 16/17
February 13th 2017 – February 24th 2017	- Organic and Functional Systems III Reproductive System (Lessons)
February 27th 2017 – March 3rd 2017	- Classes are suspended - Reproductive System, March 2nd – 3rd Intermediate Test
March 6th 2017 - April 11th 2017	- Organic and Functional Systems III Nervous System (Lessons)

April 12th 2017– April 25th 2017	- Easter Holidays from April 12th 2017 to April 25th 2017
April 26th 2017 – April 28th 2017	- Classes are suspended - Nervous System, April 27 th -28 th Intermediate Test
May 1st 2017	- Classes are suspended
May 2nd 2017 – May 12th 2017	- 2nd Ordinary Exam Session 16/17
May 15th 2017 – June 9th 2017	- Family, Society and Health (Lessons)
June 2nd 2017	- Classes are suspended
June 12th 2017 – June 16th 2017	- 3rd Ordinary Exam Session 16/17
June 19th 2017 – July 7th 2017	- First Aid and Nursing Practice II (Lessons) - Informatics (Lessons)
June 29 th /30th 2017	- Methodology of Research I (Lessons) - Classes are suspended
July 10th 2017 – July 28th 2017	- 4th Ordinary Exam Session 16/17
August 28th 2017 – September 22nd 2017	- Extra Exam Autumn Session 16/17

#### Medicine and Surgery (3rd Year)

September 26th 2016 – December 16th 2016	- Biopathology and Introduction to Medical Therapy (Lessons) - Introduction to Clinical Medicine (Lessons)
October 31st 2016 – November 1st 2016	- Classes are suspended
December 8th/9th 2016	- Classes are suspended
December 19th 2016 – December 23rd 2016	- Classes are suspended - Extra Exam Session from December 19 th 2016 to December 23rd 2016
December 24th 2016 – January 6th 2017	- Christmas Holidays from December 24th 2016 to January 6th 2017
January 9th 2017	- Classes are suspended - Biopathology and Introduction to Medical Therapy - Intermediate test I
January 10th 2017 – March 3rd 2017	- Biopathology and Introduction to Medical Therapy (Lessons) - Introduction to Clinical Medicine (Lessons)
March 6th 2017	- Classes are suspended

	<ul style="list-style-type: none"> <li>- Biopathology and Introduction to Medical Therapy</li> <li>- Intermediate test II</li> </ul>
March 7th 2017 – April 11th 2017	<ul style="list-style-type: none"> <li>- Biopathology and Introduction to Medical Therapy (Lessons)</li> <li>- Introduction to Clinical Medicine (Lessons)</li> </ul>
April 12th 2017 – April 25th 2017	<ul style="list-style-type: none"> <li>- Easter Holidays from April 12 th 2017 to April 25 th 2017</li> </ul>
April 26th 2017 – May 12th 2017 May 1st 2017	<ul style="list-style-type: none"> <li>- Biopathology and Introduction to Medical Therapy (Lessons)</li> <li>- Introduction to Clinical Medicine (Lessons)</li> <li>Classes are suspended</li> </ul>
May 15th 2017 – May 26th 2017	<ul style="list-style-type: none"> <li>- 1st Ordinary Exam Session 16/17</li> <li>- Biopathology and Introduction to Medical Therapy</li> <li>- Intermediate test III</li> </ul>
May 29th 2017 – June 23rd 2017 June 2nd 2017	<ul style="list-style-type: none"> <li>- Epidemiology and Biostatistics (Lessons)</li> <li>- Public Health Lessons (Lessons)</li> <li>- Methodology of Research II (Lessons)</li> <li>Classes suspended</li> </ul>
June 26th 2017 – July 21st 2017 June 29 th /30th 2017	<ul style="list-style-type: none"> <li>- 2nd Ordinary Exam Session 16/17</li> <li>- Classes suspended</li> </ul>
August 28th 2017 – September 22nd 2017	<ul style="list-style-type: none"> <li>- Extra Exam Autumn Session 16/17</li> </ul>

#### Medicine and Surgery (4th Year)

September 26th 2016 – December 7th 2016	<ul style="list-style-type: none"> <li>- Clinical Center Residency I (Lessons)</li> <li>- Medicine Residency I (Lessons)</li> <li>- Classes are suspended</li> </ul>
October 31st 2016 – November 1st 2016	
December 8th/9th 2016	<ul style="list-style-type: none"> <li>- Classes are suspended</li> </ul>

December 12th 2016 - December 16th 2016	- 1st Ordinary Exam Session 16/17
December 19th 2016 – December 23rd 2016	- Classes are suspended - Extra Exam Session from December 19 th 2016 to December 23rd 2016
December 24th 2016 – January 6th 2017	- Christmas Holidays from December 24th 2016 to January 6th 2017
January 9th 2017- January 13th 2017	- 2nd Ordinary Exam Session 16/17
January 16th 2017 – March 31st 2017	- Clinical Neurosciences (Lessons) - From Clinical to Molecular Biology I (Lessons)
April 3rd 2017- April 28th 2017 April 12th 2017 – April 25th 2017	- 3rd & 4th Ordinary Exam Session 16/17 - Easter Holidays from April 12 th 2017 to April 25 th 2017
May 1st 2017	- Classes are suspended
May 2nd 2017 – June 28th 2017 June 2nd 2017	- Maternal and Child Health Residency (Lessons) - Classes suspended
June 29 th /30th 2017	- Classes suspended
July 3rd 2017 – July 21st 2017	- 5th Ordinary Exam Session 16/17
August 28th 2017 – September 22nd 2017	- Extra Exam Autumn Session 16/17

## Programme Structure and General Information

### Integrated courses

The Medicine and Surgery Master's Degree programme consists of a series of integrated courses, each one focusing on a specific area of scientific skills and dealing with specific notions.

The key features of the teaching in the programme are:

- horizontal and vertical integration of knowledge;
- teaching methods based on a solid foundation in the pre-clinical area, and using a problem-based approach;
- early contact with patients;
- acquisition of clinical skills as well as development of strong communication skills.

The highly integrated and flexible teaching method is kept constantly updated and is designed to help students learn from a wide, comprehensive, interdisciplinary perspective providing constant stimulation to acquire new competencies.

### **Credits (*Crediti Formativi Universitari*)**

Credits measure both individual study workload and classwork. One credit is valued at 25 hours of study and students are expected to accumulate around 60 credits in an academic year.

Credits are not awarded until examinations are passed for the relevant course. Examination grades measure performance while credits quantify progress within the programme.

The Italian credit system (*crediti formative universitari – CFU*) uses the same unit measure as the European Credit Transfer System (ECTS).

### **First Triennium**

At the end of the first triennium students will be expected to have acquired the following:

- knowledge of molecular science and molecular transformations through the application of scientific methodology; an understanding of biologically relevant phenomena on a molecular level and the fundamentals of chemical-physical analytical procedures;
- knowledge of structure-function relationships of the main biological molecules and essential biochemical mechanisms leading to proper metabolic functionality;
- ability to interpret natural phenomena through the relationships between physical dimensions;
- ability to measure some of these dimensions;

- knowledge of the various levels of organisation of living matter and of the constructive logic of basic biological structures;
- knowledge of the organisation of cells and of main cellular functions;
- knowledge of the organisation, expression and transmission of genetic information;
- knowledge of the principles of genetic engineering and the transgenic models relating to human pathologies;
- knowledge of the principles regulating cellular differentiation and knowledge of the fundamentals necessary for the understanding of molecular and cytogenetic techniques and their clinical application; knowledge of the fundamental mechanisms of histogenesis, tissue repair and regeneration;
- knowledge of the relation between cells, their relationship with extracellular components and their morpho-functional correlations in the context of different organs;
- knowledge of the basic phases of human development, starting from fecundation, with specific reference to the control mechanisms of genomic and phenotypic expression and their main alterations;
- knowledge of the structure of the human body;
- knowledge of the structure and functions of bacteria and of bacterial genome plasticity;
- knowledge of the structure of viruses and fungi.

### **Second Triennium**

In the context of clinical learning, students will acquire specific skills pertaining to Internal Medicine, General Surgery, Paediatrics, Obstetrics and Gynaecology, as well as to medical-surgical specialisations. Students undertake professional training for specific time periods in specific health facilities designated by the Faculty Board valued at a minimum of 60 credits. The professional training allows students to acquire the necessary practical and professionalising skills.



Clinical skills acquired through professionalising activities are assigned grades via the final examination of the programme or via specific exams. Professional training can be totally or partially undertaken at medical facilities outside the university approved by the Master's Programme Committee (*CCLM – Consiglio del Corso di Laurea Magistrale*) after prior assessment and approval of the particular facility's teaching skills.

## Optional Project and Vertical Domain

Optional Project and Vertical Domain courses cover two different categories of additional credit-bearing activities. The activities are coordinated by a faculty member and participation may take different forms.

Optional Projects are elective academic courses which include additional interdisciplinary content. Activities within project options may range from seminars to single-focus courses, debates, events, congresses, films and so on.

Vertical Domain activities are transversally-related courses that complement students' clinical education with highly specialised and current notions and content on medical research and parallel documentation.

Students are required to accumulate 8 credits for these activities (either through Optional Projects or Vertical Domains) by the end of the sixth year of the Medicine and Surgery Degree Programme.

The Master's Programme Committee (CCLM – *Consiglio del Corso di Laurea Magistrale*) approves the annual optional activities offering on the basis of proposals put forward by faculty members.

Attendance is an essential requirement for credits to be awarded for Optional Project and Vertical Domain activities. The activities may take place at any time during the year, including outside the normal academic calendar year. The calendar for all Optional Project and Vertical Domain activities is published at the beginning of each academic year.

## Theology Requirement

### Objectives

All students enrolled on Degree Programmes at Università Cattolica are required to attend Theology courses, in addition to activities set down in their study plan. Theology courses are not credit-bearing but grades obtained on these courses will be taken into account the final examination for the degree programme.

Theology courses are a distinguishing feature of Università Cattolica. They complement curricular content with a critical development of thorough reasoned knowledge of Catholic values which can be applied to an educational and professional path.

### Theology Courses

36-hour semester Theology courses cover three years of study at undergraduate level and one 30-hour semester course is programmed at graduate level.

### Programme

Year 1: Introduction to Theology and questions of fundamental Theology;

Year 2: Questions of speculative and dogmatic Theology;

Year 3: Questions of moral and practical Theology;

Year 4 (graduate level): Course on Bioethical issues (either seminars or a single-focus course).

The 30-hour graduate level semester course is held by Professor Robert Cheaib either as seminars or as a monographic single-focus course. The focus of the course will be decided by the Faculty and the General Ecclesial Assistant.

### Professors and Course Programmes

Information about Theology courses and professors/instructors is available on faculty personal online pages.

## Examinations – Regulations for Pre-requisites

The Master's Degree Programme Committee (*Consiglio di Corso di Laurea Magistrale – CCLM*) for Medicine and Surgery stipulates that students are required to sit all examinations in their study plan for a particular year before taking examinations in the subsequent year. This rule applies to all years of the programme.

Apart from this general rule, some examinations may not be taken unless other specific preparatory examinations have been previously passed. Details of the relevant rules in force for each year are listed below.

Year One	<i>Molecules and Cells</i> must be taken before <i>Electromagnetism and Physiology of Excitable Cells</i> and <i>Organic and Functional Systems I</i> .
Year Two	Although not compulsory, it is recommended that <i>Organic and Functional Systems II</i> should be taken before <i>Organic and Functional Systems III</i> .
Year Three	Although not compulsory, it is recommended that <i>Biopathology and Introduction to Medical Therapy</i> should be taken before <i>Introduction to Clinical Medicine</i> .
Year Four	<i>Clinical Centre Residency I</i> must be taken before <i>Medicine Residency I</i> , <i>Maternal and Child Health Residency</i> and <i>Clinical Neurosciences</i> .
Year Five	<i>Clinical Centre Residency II</i> must be taken before <i>Medicine Residency II</i> , <i>Surgery Residency I</i> and <i>Surgery Residency II</i> .
Year Six	<i>Health Centre Residency – Final Training</i> must be taken before <i>Hospital Residency – Final Training</i> .

Students enrolled on Year Two onwards can only sit examinations from the previous years during the extra examination sessions. Furthermore should the regular sessions of different years overlap totally or even partially students will have the possibility to sit examinations of previous years during the above-mentioned sessions. It is not guaranteed that all the exams will be scheduled.

Example according to Academic Calendar 2016/2017 - Regular examination sessions:

July 2017 first and second year regular sessions overlap partially;

July 2017 third and fourth year regular sessions overlap totally.

## Year-to-year Progression Rules

The following rules stipulate restrictions on year-to-year progression through the programme. Students are advised to comply with the rules and deadlines listed below in order to avoid their student status being affected and to ensure that they can be accepted for enrolment on subsequent years.

To enrol on Year Three and on Year Five, students must have passed all examinations except two by the end of the September examination session. However, these last two examinations must be passed by the end of the following December extra examination session. Theology and Italian Language examinations are exempt from this regulation.

Passing from Year 1 to Year 2	No restrictions on enrolment on Year 2
Passing from Year 2 to Year 3	All previous examinations must be passed by the end of the September session with the exception of two examinations, which must, however, be passed by the end of the following December extra examination session. Exceptions: Theology and Italian Language examinations.

Passing from Year 4 to Year 5	<p>Italian Language examinations from Year One and Year Three must be passed. International Foundation of Medicine (IFOM) examination must be taken.</p> <p>All previous examinations must be passed by the end of the September examination session with the exception of two examinations, which must, however, be passed by the end of the following December extra examination session.</p> <p>Exceptions: Theology examinations.</p>
Passing from Year 5 to Year 6	<p>All Theology examinations from the first triennium must have been passed.</p>

Students who do not satisfy these requirements will be enrolled on the subsequent year with the status of *fuori corso*/'outside prescribed programme duration'. This status allows students to take any outstanding examinations during regular and extra examination sessions and also during dedicated sessions for students with *fuori corso*/'outside prescribed programme duration' status. However, this status does not permit attendance at courses or registration for exams pertaining to the year of enrolment. Course attendance and exam registration will be allowed once student status has been returned to 'regular'.

## Student Status

There are four student status categories which are assigned on the basis of students' academic standing and fulfilment of degree programme requirements.

- **Status: 'regular' (*in corso*)**

This status applies to students who have satisfied attendance and examination requirements for their Degree programme.

Students enjoying 'regular' status can take examinations in the current year of enrolment during the programmed ordinary examination sessions. Outstanding examinations may be taken during the extra examination sessions during the same year.

- **Status: 'regular on probation' (*in corso sotto condizione*)**

The status of 'regular on probation' (*in corso sotto condizione*) is applied to students who have two examinations outstanding upon enrolment on Year Three or Year Five. Students holding this status may attend classes normally and take the two outstanding examinations from the previous programme years until 31 December. They may not, however, register for examinations pertaining to the current enrolment year. If at 31 December the outstanding examinations have not been passed, any attendance recorded for courses on the current year up to that point will be cancelled.

If the two outstanding examinations are passed by the end of the December examination session, students will be able to continue attending classes and take exams for the new programme year. If the two outstanding examinations are not passed by the due time, students will be enrolled on the previous year of the programme with the status of 'outside prescribed programme duration' (*fuori corso*).

- **Status: 'outside prescribed programme duration' (*fuori corso*)**

This status category applies to:

- students enrolled on Year Three or Year Five with the status of 'regular on probation' (*in corso sotto condizione*) who have not passed their two remaining outstanding examinations by the end of the relative December examination session;
- students who at enrolment on Year Four have not passed the Italian Language examinations from Year One and Year Three by the end of the relative December examination session and/or have not taken the International Foundation of Medicine (IFOM) examination;
- students who at enrolment on Year Six have not passed the Theology examinations of the first triennium;

Students who are assigned this category may not attend courses for subsequent programme years but can take outstanding examinations during ordinary, extra and sessions dedicated to 'outside prescribed programme duration' (*fuori corso*) students.

- **Status: 'repeating' (*ripetente*)**

This status applies to students who have not met the minimum attendance requirement of 65% for a particular course; in this case the course will have to be repeated during the following year.



## Renewal of Enrolment

The first instalment of annual tuition and university fees must be paid before enrolment can be renewed. Until payment of the required fees has been received, students will not be able to undertake instructional activities, register for credit-bearing exams or register for their final exam. Student records will be updated and enrolment will be effected when the outstanding fees have been paid, together with payment of any penalty fees due.

Enrolment for the academic year is automatic upon receipt of payment of the first instalment of tuition and university fees. The first instalment is non-refundable and enrolment may not be cancelled (see Art. 4, Paragraph 8, of Title I "General rules" of the University Academic Regulations and Art. 27 of the Students Regulations, approved by Rector's Decree No. 1269 dated 4 June 1938).

Information regarding tuition and university fees is available in the "Tuition and university fee regulations" documentation: <http://www.unicatt.it/iscriversi-tasse-e-contributi>.

In line with the regulations, students who are not up to date with payment of their tuition and university fees may not:

- enrol on any programme year;
- be admitted to exams;
- obtain transfer to another degree programme or specialisation diploma programme;
- obtain transfer to another university;
- obtain enrolment certificates.

Students resuming their studies after for a break of one or more academic years are required to pay tuition and university fees for the academic year in which they resume their studies, while a deferral fee will be due for each deferred year of studies.

Students resuming their studies at the beginning of an academic year and request registration for scheduled exam sessions for previous academic years are required to pay an additional fee.

## Final Examination

The final examination for the award of a degree takes the form of the defence of a thesis written on a subject previously agreed with the supervising faculty.

### Calculation of final grade

Assessment of the final examination is given on a scale of 1 to 110. The pass grade is 66/110.

If maximum points are assigned, the Final Examination Panel may, if unanimous, award an honours recognition.

Determination of the final grade for graduation is based on the grade point average of curricular exams taken throughout the programme (weighted against credits accumulated).

The grade point average is multiplied by 11 and divided by 3 (30 with honours is counted as 31).

The following scores (A to E) are then added to the sum calculated above:

Score A:

Theology examination: the grade average for Theology is given a score as follows:

- 18 to 24 → + 0.1 points;
- 25 to 27 → + 0.2 points;
- 28 to cum laude → + 0.3 points;

Score B:

Up to a maximum of 4 points will be assigned on the basis of IFOM examination results, based on quartile distribution;

## Score C:

Curricular activities undertaken outside Italy:

Activities undertaken outside Italy	Points
2-3 months full-time practical training programme (pre-approved, certified and assessed)	+ 0.5
6 to 12-month training programme outside Italy (one or two semesters) with successful completion of a minimum of two thirds of the practical and theory activities set out in the Learning Agreement	+ 1

## Score D:

Thesis work

Thesis work	Points (max. 10)
Originality and effort	max. 4
Mastery of the topic	max. 3
Quality of the presentation of the thesis	max. 3

## Score E:

Published work

Published work	Points
Work published or officially accepted by journals with an 'impact factor', where the name of the candidate appears among the authors.	max. 2

## Final Examination Panel

Members of Final Examination Panels are appointed by the Faculty Dean or by the Chair of the Master's Degree Programme Committee. Each panel is made up of Professors, Associate Professors, Researchers and Teaching Assistants. Scholars, scientific experts and full professors from other universities, whether in or outside Italy, may also be called to serve on the panel. Those serving on the panel may also be assigned duties as supervisor or co-supervisor, in line with the criteria set down by the Masters' Degree Programme Committee.

The Final Examination Panels for single-cycle Master's Degree Programmes are made up of a minimum of seven members, of which at least four must be undertaking teaching within the Faculty. For the Panel to function properly, a minimum of five panel members must be present, of which at least three must be undertaking teaching within the Faculty.

The Final Examination Panels are presided over by the Dean, who may be deputized by the Chair of the Degree Programme Committee, or by the professor in a particular Panel holding the highest qualification and with the longest period of service, or by another delegated tenured professor.

## Administrative Regulations

## Admission and Enrolment

### Required Qualifications

Applicants holding the following qualifications are eligible to enrol on Bachelor Degree programmes offered by Università Cattolica del Sacro Cuore (see Article 6 of Ministerial Decree No. 270/2004):

- an Italian upper secondary school leaving qualification (qualification awarded on completion of education programmes for upper high schools, after a five-year or four-year cycle). Applicants with qualifications awarded after a four-year cycle will be required to compensate for the lack of a fifth year of high school education by the end of the first year of their degree programme. This does not apply to applicants coming from *licei artistici* whose integrated courses will be accepted.
- a qualification awarded outside Italy considered acceptable for admission to Italian Universities in line with regulations issued for each academic year by the Ministry for Universities and Research (MIUR) together with the Ministry of Foreign Affairs and the Ministry of Home Affairs. Applicants holding an international qualification who wish to enrol should contact the International Admissions Office.

As of 4 July 2016, all pre-enrolled students are required to finalise their enrolment in the Medicine and Surgery Degree Programme (A.Y. 2016-2017) by completing the procedure and submitting all the following documentation no later than 9 September 2016.

Pre-enrolled students who do not comply with the terms set out in this guide will not be permitted to enrol on the Programme.

### Official University documentation

- 1) Request for Enrolment addressed to the Rector
- 2) Statement of Acceptance of the Code of Ethics
- 3) Family income form

Applicants with Italian High School qualifications can download the above documents directly from their online application page, after putting in their High School Diploma grade and uploading a photo.

Applicants with non-Italian High School qualifications will receive the above documents via email after completing pre-enrolment.

### High School documentation

Applicants with Italian High School qualifications must submit either a photocopy of their original High School Diploma or a substitute self-declaration of the qualification.

Applicants with non-Italian High School qualifications must submit a photocopy of their High School qualification. The original of the qualification must be shown to the International Admissions Office before they can be officially enrolled.

Depending on relevant University and state regulations, a Statement of Validity (*Dichiarazione di Valore*) issued by the Italian Embassy or Consulate in the country where the qualification was awarded must be submitted together with the high school diploma qualification.

NB: A Statement of Validity is an official document providing a short description of a qualification, its validity in the awarding country for academic and/or professional purposes, and the legal status of the awarding institution. It is issued by the Italian Embassy or Consulate within the country of the educational system that awarded the qualification. We strongly suggest that international students apply for the document as soon as they complete pre-enrolment.

### Additional documentation

- 1) Receipt of payment of pre-enrolment fee for the programme.
- 2) Photocopy of ID document or passport.
- 3) Photocopy of tax number (*Codice Fiscale*). International students can apply for a tax number at the Italian Embassy or Consulate in their home country<sup>2</sup>. We recommend applying for it soon after completing pre-enrolment.
- 4) Non-EU applicants residing in Italy at the time of applying are required to submit a photocopy of a valid residence permit.
- 5) Non-EU applicants living outside Italy at the time of applying are required to submit either a valid visa for study purposes issued by an Italian Embassy a Consulate or a valid residence permit. Application for a study visa should be submitted immediately after pre-enrolment.
- 6) Two passport-size photos (with first name and surname on the back).
- 7) Catholic applicants are required to produce a Christening or Baptism certificate. Applicants not producing a certificate will be invited to an interview with the General Ecclesial Assistant.
- 8) Valid English Language certification, satisfying the following minimum scores:

Certificate	Minimum Score
ACADEMIC IELTS	6.0
TOEFL iBT	80
TOEFL (Computer Based)	213

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<sup>2</sup> The *Codice Fiscale* is an official Italian document, consisting of a 16-character alphanumeric code, issued free of charge in order to identify both Italian nationals and foreign residents and allow any financial operations.



TOEFL (Paper Based)	550
CAMBRIDGE ENGLISH: FIRST (FCE)	Grade B

NB: Applicants who undertook the entirety of their High School studies in English may be exempt from submitting an English Language certificate. They must, however, submit evidence of the language used during their high school studies.

### Health documentation

- 1) Hepatitis B vaccination certificate.
- 2) Certificate showing results of a Mantoux Tuberculin skin test (TST) performed no more than 3 months previously, as established in the Guidelines for the Control of Tuberculosis (State-Region Conference regulation no. 17712/1998).

Students enrolled on the Medicine and Surgery Degree Programme (A.Y. 2016-2017) are also required to undergo a physical and psychological health check with the Health Service to ensure that they are fit for clinical functions to be carried out during the programme.

To complete the enrolment procedure, all documentation listed in this section of the Student Guidebook must be submitted either in person or via recorded delivery to Student Services (*Polo Servizio Carriera Studenti*) at the Rome campus of the university by 9 September 2016. Address: Polo Servizio Carriera Studenti, Università Cattolica del Sacro Cuore, Largo Francesco Vito 1, 00168 Rome (Italy).

## Examination Regulations

### General Rules

It is the responsibility of each student to make sure that they are aware of the rules and regulations relating to the study plan of their degree programme. Each student is personally responsible for the cancellation of the results of any examinations taken that fail to comply with rules and regulations.

Students are reminded that cancellation of examination results can be avoided by complying with the rules of year-to-year progression and by ensuring that they have passed the relevant prerequisite exams before progressing to subsequent exams. Results for exams not taken in the correct order will be cancelled and those exams will have to be taken again.

Grades awarded by examination panels are final and cannot be changed. Once a pass grade has been registered in student records, that particular exam cannot be re-taken (see Article 6.6, Part I – ‘General Rules’ of the University Academic Regulations). The Faculty has the prerogative to stipulate that a failed examination may not be taken again before a specified time period not exceeding four weeks.

Students may leave an examination before it has finished. Students given a pass grade have the right to refuse that grade until it is registered in student records. If a fail grade is given, the information will be retained for statistical purposes only and will not be recorded in the student’s grade book or in the student’s academic records.

Students are required to present the following documentation at exam sessions:

- student grade book;
- exam registration confirmation form;
- valid ID document.

## Procedures and conditions

Students may only take exams if they:

- a) are up to date with payment of tuition and university fees;
- b) have registered for the examination in line with relevant regulations.

### Examination panels for curricular exams

Members of examination panels for curricular exams are nominated by the Faculty Dean. Each panel is made up of a minimum of two members: the official professor for the course who acts as Chair, and one other official faculty member, researcher, teaching assistant or expert on the subject. Should the Chair of a panel be absent for any reason, the position will be taken by another faculty member appointed by the Dean of the Faculty or by the Chair of the Degree Programme Committee.

The Chair of an examination panel may divide the panel into sub-panels to ensure that the exam is run properly and efficiently. Should any student request to be examined by the Chair him/herself, every effort will be made to satisfy this request.

## Transfer Conditions

### Transferring to another university

Enrolled students may request transfer to another university. After a proper check of the study rules and regulations of the potential destination university, application for transfer can be submitted to Student Services between 15 July and 13 October. Please note that if the deadline for the other university is earlier than 31 October, application will have to be made earlier to allow for sufficient processing time.

Transfer applications submitted after 31 October and before 31 December will be subject to a late application fee based on submission date. Transfer may not take place without prior acceptance by the destination university.

Before applying for transfer:

- check your academic records at a UC Point (clicking on 'view student records') and inform the student office of any errors or missing information;
- print a transcript of records at a UC Point.

Your application must bear a revenue stamp to the value set down by legislation in force.

The application must be submitted together with:

- Student grade book (*libretto*);
- Student ID card (*tesserino/badge*);
- Transcript of records printed out at a UC Point;
- Statement that you do not have books on loan from the University Library or from the Educatt Book Loan Service and that you do not have outstanding sums owed to the Educatt Student Assistance Office e.g. dormitory fees, fee repayments, study grants, loans etc.;
- Receipt of payment of application fee.

Students may not take any further examinations after submission of an application for transfer. Students who transfer to another university may not transfer back to Università Cattolica before one year of the date of transfer. Students who are readmitted to Università Cattolica are admitted to a particular year based on passed exams and not on their previous enrolment year. They may

also be required by the Faculty Board to pass further examinations to bring their studies up to the level of the Università Cattolica students.

### **Transferring to Università Cattolica from another university**

Admission procedures after year one for programmes with limited numbers of places are decided by the relevant university bodies, in line with university regulations. These procedures are determined on the basis of the number of places available each given year, and take into account compliance with the selection criteria as stated in the call for admissions and the admission rules.

An Evaluation Committee appointed by the Chair of the Master's Degree Programme Committee rules on recognition of previous studies carried out at other universities.

### **Withdrawal/Intermitting**

Students have the right to withdraw from their programme without the need to settle further tuition and university fees. Students wishing to withdraw are required to submit a clear written declaration with no added terms or conditions. If requested, certificates will be issued for the studies undertaken up to the point of withdrawal.

The following categories of students may not enrol on a new academic year and will therefore no longer be considered as students:

- those who have not enrolled for five consecutive years;
- those who, at the end of prescribed programme duration, have not passed any examinations for five consecutive academic years.

This does not apply to students whose only outstanding examination is their final exam, i.e. those students who have accumulated all necessary credits apart from those for the final examination.

Enrolled students have the right to submit application to intermit, i.e. to suspend studies temporarily for the purpose of enrolling on and attending a specialising master's programme, a specialty training programme, or a doctoral programme. At completion of intermission students may go back to their original study programme provided it is still being offered.

## Teaching Evaluation

The Ministry of Education, of University and Research (MIUR), has issued directives that universities must carry out assessment of course teaching for every Integrated Course.

Students will be required to complete an assessment questionnaire in order to register for an examination.

## Academic Services and Useful Information

## Online Services

### Students' personal online page (iCatt)

All students have a personal iCatt page on Blackboard which provides access to administrative services and information about courses, e.g. timetables, exam sessions, announcements etc. The online registrar section provides access to students' Study Plans and to their current exam situation (exams already taken and outstanding exams). It also allows students to register for exams and update their income and tax information. The iCatt homepage will show communications from Student Services via an online notice board.

Students can access iCatt by going to <http://icatt.unicatt.it> and by entering their personal login and password.

Students can write to [gestion.iam@unicatt.it](mailto:gestion.iam@unicatt.it) for assistance in accessing iCatt.

### Faculty personal online pages

Faculty have their own online page giving relevant information such as email addresses, office hours, courses and syllabi. Access is via <http://docenti.unicatt.it>.

## Useful information

### Faculty office hours

Faculty office hours provide an important opportunity for faculty and students to meet outside of class. During these meetings students can clear up doubts about course content as well as get advice on how best to manage their studies. Office hours are published on Faculty personal online pages.



### Personal injury on Campus

First aid kits are available around the campus to treat small injuries. For serious injuries, students should go to the A&E department of the University Hospital.

The A&E department of the A. Gemelli University Hospital is located in the DEA building and is clearly signposted within the campus. Procedures are in place to record accidents to staff external to the university.

### Theft or assault

In the unlikely event of theft or assault security services should be called:

- 3373 from a university phone
- 06 3015 3373 from other phones

### Other Useful University Services

<b>Main university number</b>	06-3015 (add extension numbers below)
<b>Health and Safety Service</b>	5265 – 5266
<b>Fire Safety Unit</b>	5311 – 4683
<b>Security Services</b>	4288 – 4669
<b>Maintenance Service</b>	5000
<b>Accident and Emergency</b>	4030 – 4031 – 4034
<b>Health Centre</b>	4997 – 4772

### University Staff

Università Cattolica staff are at the service of those who use the university. The staff ensures that suitable conditions exist for university services and offices to be used to the full. Staff from Student Services, the library and the logistics office are authorised to enforce regulations regarding the proper use of offices and spaces in the university.

University staff, and security staff in particular, may take measures to prevent or limit any disruption occurring on university premises (Article 47 of Royal Decree 1269/1938). The reports that they file on such events will carry the same validity as a police report.

Università Cattolica staff have specific instructions not to submit documentation on behalf of others or to act on behalf of students for any other procedures at Student Services.

### **Guarantee of Essential Services**

*Legislation on the exercise of the right to strike within essential public services and on the protection of personal rights as guaranteed by the constitution – Law No. 146/1990 and Law No. 83/2000 and later changes and additions thereto.*

The University guarantees continuity of the following essential services for university education, in line with the values and rights guaranteed by the constitution:

- registration and enrolment on university programmes and courses;
- final examinations, final degree examinations and public examinations;
- examinations for annual and semester courses;
- certification to take part in competitive examinations (*concorsi*) where documented urgency exists of imminent competition deadlines.

## Student Services

In addition to the quality and rigour of the education it offers, and in line with a tradition of prioritising the individual, the University provides an ever-growing array of services, and cultural and recreational opportunities. This means that students have access to suitable support during their university life, in particular when they are facing personal and academic challenges.

Information about the following services can be found online at <http://roma.unicatt.it/>:

- Library;
- Advising and Tutoring;
- Internships and Placement Service;
- Global Engagement and International Education (international student mobility programmes);
- ILAB – Centre for innovation and development of university teaching and technologies (ICT courses and Blackboard);
- SeLdA – University Language Service (language courses);
- Student Support Services - Disability and Learning Differences (at the Student Services Centre – *Polo Studenti*, regular office hours)
- Public Relations Office
- EDUCatt – Università Cattolica del Sacro Cuore organisation for the right to academic education (health service, student cafeterias, housing solutions, book loans);
- Pastoral Centre;
- On-campus Student Work;
- Cultural and Recreational Activities;
- Psychological Counselling Service;
- Youth Health - Front Office.

## EDUCatt

*Università Cattolica del Sacro Cuore organisation for the right to education*

EDUCatt is a non-profit foundation which Università Cattolica has engaged to support students with regard to access to study, attendance and compliance with academic rules by managing services related to the right to university education.

EDUCatt is active on Università Cattolica campuses in Milan, Brescia, Piacenza-Cremona and Rome, offering a series of services designed to facilitate and enhance the study experience:

- assistance to newcomers, financial aid, scholarships, supplementary financial support, student loans and other financial solutions;
- accommodation, student housing and University residences, and private advertisements for housing;
- meals catered to university users, available in facilities directly managed or sub-contracted;
- books – solutions and resources, distribution of EDUCatt editions specifically for university courses, free book loans and facility for the sale of used books;
- health care and psychological assessment and counselling, infirmary, general and specialist appointments;
- travel and study-holiday opportunities, special offers by CTS (student travel agent and EDUCatt partner);
- student support for cultural activities;
- direct communication with EDUCatt for enquiries and information about the services available.

## Student Records and Academic Support Services

The Student Records and Academic Support Services manage academic records and oversee the organisation of the Faculty of Medicine and Surgery's Degree Programme.

### Contact information

Location: Largo Francesco Vito, 1 – 00168 Roma (Istituti Biologici)

Officer in charge: Dott.ssa Francesca Mencarelli

## STUDENT SERVICES CENTRE (*POLO STUDENTI*)

The Student Services Centre is the point of reference for all students enrolled on a degree programme. It is where you can get general information regarding enrolment, tuition and university fees, academic records, exam registration and final exam details.

The Student Services Centre is open as follows:

Monday	9.30 am – 3.00 pm
Tuesday	9.30 am – 3.00 pm
Wednesday	9.30 am – 3.00 pm
Thursday	1.00 pm – 4.00 pm
Friday	9.30 am – 12.00 pm

Location: the Student Services Centre (*Polo Studenti*) is located in the Giovanni XXIII Building, Largo Francesco Vito 1 - 00168 Roma.

Contact number: 199.151.129 (service charge will apply)

It is also possible to get information by filling in an 'information request' on your iCatt homepage.

## CODE OF CONDUCT

### General Rules

University regulations require that students conduct themselves without infringing the personal dignity and honour of others and in line with the spiritual values of the University.

Disciplinary sanctions may be applied to anyone not adhering to the code of conduct. Sanctions will vary depending on how serious the breach of the code of conduct is (see Title I General Rules, 18bis – Disciplinary responsibilities regarding students, in the University academic regulations).

Sanctions are decided by the relevant academic bodies in line with procedures which guarantee the individual's right to defence, and in line with current relevant general criteria.

### Health, Safety and the Environment

As set out in its mission, the University's strategic objective regarding health, safety and the environment is directed towards the protection of employees, teaching staff, researchers, specialising students, doctoral candidates, interns, scholarship students, students and visitors, as well as the protection of the environment and of anything that is used to carry out university work.

Teaching staff, students and administrative personnel are all expected to be involved in working towards this objective regarding health, safety and the environment, by carrying out regular checks that health and safety measures are being enforced in the workplace and that procedures are communicated adequately and being properly applied. It is everyone's responsibility to inform the relevant authorities of any shortcoming in safety measures or lack of training or information, and to work together with the relevant services for the stipulation and continuous improvement of methods and procedures for carrying out university work.

Students can also contribute to the improvement of safety measures (see Legislative Decree 81/08 and subsequent changes and additions), with regard to the following:

- Compliance with rules and instructions given for personal safety and the protection of others;
- The correct use of machinery, equipment, apparatus, substances and safety devices;

- The correct use of available means of protection;
- Immediate reporting to relevant personnel regarding any inadequate tools and equipment as well as any hazardous conditions observed;
- Taking action in an emergency, as far as competencies permit, in order to eliminate or reduce any inadequacy or danger;
- No unauthorised removal or alteration of any safety device, checking device or alarm;
- No unauthorised actions which may put yourself or others in danger;
- Undertaking medical check-ups when necessary;
- Contributing to the compliance of all health and safety rules;
- No conduct which may cause danger to yourself or to others.

### Examples of safe conduct

- *in corridors, on the stairs and in lobbies*: do not run; do not leave objects where they might block passageways; leave passageways and emergency exits clear;
- *in institutes, laboratories and libraries*: carefully follow all instructions given by those in charge before using any equipment, apparatus etc.; read the rules and instructions for use and safety instructions; do not use personal equipment or apparatus without specific approval from those in charge; do not carry out unauthorised activities or activities not connected with educational objectives;
- *in spaces where there is specific signage*: do not smoke, do not use naked flames, and do not enter where there is a no entry sign;
- *if buildings have to be evacuated* (a warning message will be heard via loudspeaker): keep calm, immediately inform those present of the emergency and/or call the relevant phone numbers, listen to the instructions given by those in charge, do not use lifts/elevators, follow specific emergency signs to outside spaces, move quickly to the nearest assembly point (shown in the emergency plans displayed in the building), check that all those who were with you have managed to reach safety, inform the emergency team if anyone is missing, and use fire-fighting equipment only if you are reasonably sure that you can put a fire out (and only in the case of small fires) and that there is a safe and practicable way out.

## Emergencies

The University Safety and Fire-fighting unit is on duty 24 hours a day, including at weekends and during university closure. The unit is in charge of coordinating actions to contain emergency situations such as fires, flooding, gas leaks and hazardous situations caused by any type of accidental breakage.

All personnel must do as instructed by the coordinator dealing with the emergency. The unit can be contacted on extension 4000 from a fixed line in the university or on 06 3015 4000 from any other phone.

Plans showing emergency exit routes are posted in all passageways with instructions of what to do in an emergency.

## Smoking not permitted

There is a no-smoking regulation in force in all work spaces on University premises. The head of the University Security Services is responsible for the enforcement of this rule and operates with the support of the security guards.

Tel: 06 3015 4288

## HEALTH MONITORING

In line with Legislative Decree 81/2008, students from Year Three onwards will be subject to annual health monitoring carried out by assigned university medical staff if they are deemed to be at risk. The health monitoring protocol includes general medical check-ups, blood tests, and Mantoux skin tests. The assigned medical staff can call for additional diagnostic tests if deemed necessary. The assigned medical staff may also administer vaccinations if necessary.

Since students who go beyond the expected duration of a degree programme (*fuori corso*) conduct work activities even though they have completed the academic part of their programme, the health monitoring will continue on the same annual check-up basis. Health monitoring is compulsory and normal attendance will not be allowed without it: students refusing or failing to undergo scheduled



check-ups will not be permitted to carry out clinical activities. A certificate issued by the assigned medical staff is a prerequisite for students to carry out clinical activities.

## **PROTECTION OF PERSONAL DATA**

Università Cattolica has adopted appropriate structural, logical and organisational measures regarding the delivery of its services to ensure respect for patients' rights, fundamental freedom and dignity, as well as patients' confidentiality. One of the specific organisational measures taken is the setting down of a code of conduct to ensure that patient data is kept confidential. This code of conduct applies to both healthcare professionals and University Cattolica staff that handle data/personal information. Students are expected to respect and adopt this code in all academic and professional activities. The most important rules to follow are the following:

1. all data that comes into your possession should be considered as confidential and, as such, according to law, subject to professional secrecy. Therefore, the code of conduct must be adhered to for each individual work phase so that data is not lost or accessed by unauthorized individuals;
2. data must only be used for the purposes for which they were collected i.e. prevention, diagnosis and treatment, and generally for the protection of the health of the patient;
3. conduct during consultations with patients should be carried out in such a manner that no information which may reveal their state of health comes to the knowledge of a third party;
4. to protect patients' interests, medical records, medical reports and any other documentation that includes health information must be stored in a safe place and in any event in a location that ensures that the information remains confidential. To this end, the information pertaining to the health status of a patient may be disclosed only to the patient or to persons specifically named by the patient;
5. data regarding genetic identity must be handled exclusively within protected spaces accessible only to those dealing with the treatment and to those specifically authorized to access them;
6. the greatest care must be taken with regard to bone marrow donors who, under Law No. 52 dated 6 March 2001, have the right and duty to remain anonymous both to the receiver of the transplant and to third parties.

### **Personal Data Protection Legislation (Legislative Decree No. 196, 30 June 2003)**

This section gives general information about legislation regarding the protection of personal data as set out in Legislative Decree No. 196 of 30 June 2003, 'Personal Data Protection Regulations'. It is a guide for students who come into contact with information about the state of health and the sexual life of a patient while carrying out their studies. This information is usually considered to be the most private and sensitive of personal data since it exposes the individual and may document weaknesses, which may lead to a real risk of social discrimination.

Considering this critical aspect and given all the regulations governing data protection, when students come into contact with sensitive information during the course of their studies they are required to adhere to the code of conduct set out for University healthcare staff responsible for the handling of data.

To ensure that the purpose and aim of the legislation are fully understood, the main points of the regulations are described below.

### **Purpose of the data protection legislation**

The life of an individual can be contained in a cluster of information which on the one hand can identify the person, but on the other hand, if not properly protected, can expose the person to risk of discrimination because of their particular opinions, religious beliefs or state of health. It is for this reason that the right to privacy is essential in an equal society.

The dynamic changes in technology and culture, and the interconnections between various sectors of today's society e.g. health, finance, telecommunications, politics, business and so on, mean that the concept of privacy has evolved, leading to the emergence of a strong connection between privacy and the right to liberty, equality, dignity, and democracy as guaranteed by the Constitution. The concept has developed to the point that the traditional definition of privacy as 'the right to be left alone' has been superseded.

Article 1 of the data protection legislation establishes in fact that every person has the right to the protection of their personal data. This right is recognised as a new form a personal liberty, or rather the freedom to have control over the dissemination of one's personal data. In the system of protection foreseen by the legislation, therefore, individuals have the right of control over their personal information, the right to confidentiality and the right to a private life — all being expressions of the right to privacy.

## What is personal data?

The basic concept on which the legislation is based is the concept of ‘personal data’ (Article 4, (b), of Legislative Decree No. 196/2003): personal data is any information pertaining to a person, a legal entity, organisation or association, identified or identifiable, even indirectly through reference to any other information, including a personal ID number.

A further aspect of this concept is that of ‘sensitive data’, which is information pertaining to the utmost personal sphere of an individual, defined in the legislation as personal data which may reveal racial and ethnic origin, religious, philosophical or other beliefs, political opinions, membership of political parties, unions, associations or religious, philosophical, political or union organisations as well as personal data that may reveal an individual’s state of health and sexual life.

Of particular interest here are the regulations for handling sensitive data in healthcare situations and the related civil and legal responsibility.

## What does ‘handling personal data’ mean?

In the legislation (Article 4, No. 1, (b)), ‘handling personal data’ is defined as any operation or group of operations undertaken with or without the use of a computer or an automated procedure, which concern the operations involved in the gathering, recording, organisation, archiving, consultation, processing, alteration, selection, extraction, comparison, use, interconnecting, blocking, communication, dissemination, cancellation and destruction of data even if such data are not recorded on a database.

‘Handling personal data’ therefore refers to all operations which form part of the life cycle of a piece of information, from gathering to destruction. It is pointed out that even a simple viewing of data comes within the activity of ‘handling personal data’.

## Responsibilities

Those involved in dealing with personal data as set out in the legislation are as follows:

- The sole holder of ultimate responsibility for handling data, i.e. Università Cattolica del Sacro Cuore, statutory body with no shareholders, whose functions in this regard are

performed by the director of the Rome Campus for the Rome Campus and by the director of the A. Gemelli University Hospital for the A. Gemelli University Hospital and all connected facilities;

- Data controllers i.e. the directors of the various departments and institutes who have been given the responsibility of dealing with personal data by the Campus Director and the Director of the university hospital;
- Authorised data processors i.e. all personnel who actually handle personal information whilst carrying out the work.

### **Sanctions**

The legislation provides for the application of severe sanctions for any breach of the regulations, and sets out legal sanctions and a specific set of norms for civil responsibility, as well as specific administrative sanctions.

### **Legislation on Conscientious Objection to Animal Experimentation (Law No. 413, 12 October 1993)**

This legislation provides for University students, as well as medical and health personnel, to register their conscientious objection towards any activity connected with animal experimentation.

Students wishing to register their objection should submit their statement of conscientious objection to the faculty teaching the course in question. The relevant form is available at the Centre for Experimental Research (*Centro Ricerche Sperimentali*).