



UNIVERSITÀ DI PAVIA

Dipartimento di Medicina Molecolare

COURSE REGULATION

(Art.12 -Ministerial Decree October 22nd 2004 n. 270)

Entering class academic year 2024/2025

SINGLE-CYCLE MASTER'S DEGREE COURSE
IN MEDICINE AND SURGERY
Class LM-41

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Part one- General provisions

Art. 1 – Name, class, location and duration

1. The single-cycle Master's Degree course in Medicine and Surgery, named Harvey, taught in English, set up by the Department of Molecular Medicine, coordinated by the Faculty of Medicine and Surgery of the University of Pavia, belongs to the class LM-41 – Master's Degrees (*LM: Lauree Magistrali*) in Medicine and Surgery, as stated by the Ministerial Decree March 16th, 2007.
2. The standard duration of the Master's Degree is six (6) years.

Art. 2 – Regulations of reference

1. In compliance with the freedom of teaching as well as rights and obligations for both professors and students, the teaching organisation and training activities in the frame of the Master's Degree in Medicine and Surgery are regulated by the current text, the University of Pavia Statutes, [the University's General Regulation](#), [the University Teaching Regulation](#), the [Students' Careers Regulation](#) and the [Department of Molecular Medicine Regulation](#).
2. For other issues not specifically stated in the present regulation, current law provisions apply.

Art. 3 – Body responsible for teaching and organisational coordination

1. The Master's Degree Course in Medicine and Surgery "Harvey" reports to the Department of Molecular Medicine. The body responsible for the teaching and organisational coordination is the Harvey Teaching Council (*Consiglio Didattico*). The President of the Harvey Teaching Council is responsible for the Course.
2. The quality management group, formed by decision of the Harvey Teaching Council, is composed of the professor responsible for the course, four professors and one student representative. Their names shall be listed in the Course of study annual degree report (*Scheda Unica Annuale del Corso di studio*).

Art. 4 – Administrative services of reference

1. The administrative services available for students are the following:
For questions related to the student's career, (enrollment, transfers etc.) the competent offices are UOC Carriere studenti, UOC Procedure di immatricolazione e informastudenti and UOC Admission office.
More information is available at the following links:
<https://portale.unipv.it/it/didattica/corsi-di-laurea/studiare>
<https://portale.unipv.it/it/didattica/corsi-di-laurea/offerta-formativa>
The Students Orientation Centre (COR) provides support to students during their academic career.
The reference website is: <https://orienta.unipv.it/>
Departmental secretaries and the Faculty Presidency (UOC Presidenza di Medicina) offer administrative support and coordination for the teaching activities of the Harvey Course.

Part two- Organisation of teaching activities

Art. 5 – Annual degree programme report (*Scheda Unica Annuale-SUA*)

1. The annual degree programme report for the Harvey Course is available for consultation at the following link: <https://sonl.unipv.it/ava/index.php/2023SUA04401.pdf>.

Art. 6 – Admission requirements

1. Candidates in possession of a secondary school diploma or equivalent foreign title as well as an English language certificate at B2 level may be admitted to the Master's Degree course in Medicine and Surgery. The B2 level knowledge of English requirement is deemed met with the passing of the admission test held in English.
2. The Course is *numerus clausus* (restricted access) as set by the law 264, 2nd August 1999. The entrance test is programmed at a national level. Currently, the Minister of Education MUR sets the quota according to the related availability of teaching staff, teaching and care facilities, in accordance with the recommendations of the Advisory Committee on Medical Training of the European Union, as well as the parameters and directives of the University of Pavia and the Faculty of Medicine.
3. The Ministry of University and Research is in charge of preparing the national admission test. All information is provided in the call for applicants published on the University of Pavia website (<https://portale.unipv.it/it>).
4. If a student proves to be eligible in the national ranking list with a score of less than 30 points, before taking any exams they need to compensate the score by following an online course with the same topics as in the admission test and pass a final test. To pass the test the student needs to give the correct answer to at least 50% of the questions; a failed test can be retaken after 30 days.

Art. 7 – Teaching organisation

1. A University Credit (CFU) is the unit of measurement of work students are required to undertake. A CFU corresponds to 25 hours including: hours of study, lectures, interactive teaching and practical training. Credits are classified as earned when the student, after attending the teaching activities, has passed the examination. For the Course of Medicine and Surgery 1 CFU corresponds to:
 - 8 hours of lectures and 17 hours of study;
 - 20 hours of practical traineeships and 5 hours of study;
 - 12 hours of lab activities and 13 hours of study;
 - 12 hours of practicals and 13 hours of study.

For some of the teachings offered, such as the courses on soft skills and on Sustainable Development Goals – SDG), as defined by the 2030 Agenda for Sustainable Development of the United Nations, by passing the exam, in addition to the credits, the student can earn an open badge, i.e., a digital certificate as a proof of the knowledge, competency and abilities gained during the course. The certificate will be issued automatically after the registration of the exam and will be sent to the student's University of Pavia email address.

2. To guarantee the efficiency of each teaching activity, professors are to provide students in advance with the teaching material later presented during lectures. Said teaching material must be integrated with: (i) key-points for each lecture, (ii) sources and potential reading lists relevant to the topic's understanding.

Besides the university parameters to evaluate teaching quality, the Harvey Course implements the following procedures to engage the professor in an efficient teaching performance:

- a) an inadequate teaching performance involves the professor's inability to meet the deadlines for lecture timetables or to provide exam results in a time period excessively long or a superficial, inaccurate or plagiarised presentation of data;
- b) It is the responsibility of the President of the Course to deal with professors presenting an unsatisfactory teaching performance. The President will : (i) inform the professor by written notice of the complaint received from the student representatives with an explanation of its content, (ii) evaluate the reasons for the complaint by interviewing both students and professor as well as by perusing teaching materials and exam results;

- c) The President of the Course has the authority to put an end to a complaint procedure without any additional actions if the professor resolves such complaint by appreciably and satisfactorily improving the teaching performance.
- d) In the event of a non-existent improvement in the following two weeks, the President of the Course has the obligation to bring the case to the attention of the HTC (Harvey Teaching Committee), which will examine the case and decide in an additional two weeks whether: (i) to produce a formal written reprimand to be later sent to the NUV (Board of Evaluation- *Nucleo di Valutazione*), specifying a deadline by which the lacking teaching performance must be resolved, or (ii) to suggest the removal of the professor from their position.
3. The Course is divided into 12 semesters with a minimum of 12 weeks of lectures each, including one or two weeks dedicated to seminars also held by students on topics set by lecturers. The last week of the semester is dedicated to revision of the lecture's topics. In addition, it is highly recommended the organisation of optional seminars by professors with the purpose of clarifying key concepts or for topics requiring an in-depth knowledge.
The two semesters are scheduled as follows:
The first semester starts on October 1st and ends on February 28th; the second semester begins on March 1st and ends on May 31st.
4. Exam sessions are scheduled as follows:
- February (winter session for first semester lectures): two sessions;
 - June (summer session for second semester lectures): two sessions;
 - First session for retakes: (for both first and second semester lectures) from July 20th onwards;
 - Second session for retakes (for both first and second semester lectures): the first week of September;
 - Third retake session: December (for both first and second semester lectures): from 10th to 17th December.
5. Thesis presentations will take place according to the academic calendar. They shall be suitably scheduled and published at the beginning of the academic year. The students who have completed their 5th year's exams by the September exam session can present a request to the Rector to apply for an anticipated graduation and participate in the February – March graduation sessions of the 6th year of the course
6. Timetables for lectures, exam sessions and thesis discussions are published on the university website (<https://medicineandsurgeryharvey.cdl.unipv.it/en/graduating/final-exams-schedule>) as well as on the Faculty website ((www-med.unipv.it)) and on the Department of Molecular Medicine website (<http://molecularmedicine.unipv.it>). Online publication is performed within the deadlines set in the annual degree programme report (*Scheda SUA*).
7. According to the Dual Career Programme for high level athlete students, as set by the Directive n. 198/2021 of the Academic Senate of 19/07/2021, athlete students can agree with professors personalized exam sessions in case of sports events (competitions, trainings, and correspondent travels) coherent with the exams as reported in the degree course calendar. At this webpage <https://orienta.unipv.it/dual-career-studenti-atleti> athlete students can find details about how to apply for this programme and peruse the allowed facilitations.

Art. 8 – Study plans

1. Study plans are standard for the whole study path, including elective credits required in certain course years. Students must confirm their study plans in their reserved area by the deadline set in the academic calendar.

2. EU students and NON-EU students residing in Italy with a study title obtained abroad must carry out an Italian language course at B1 level in the field of “further linguistic knowledge”. The following students are exempted: 1) students who obtained a study title at high school level or bachelor level in Italian language in Italy; 2) students who obtained an Italian study title abroad, 3) students having a B1 level knowledge certificate of Italian.
3. The training activity for the cohort of the current regulation can be found in the attached file (*Appendix I*).
4. Worthy students enrolled in the degree course in Medicine and Surgery taught in English will be able to be admitted in the excellence program MEET (Medicine enhanced by engineering technologies), by applying via a dedicated call. This excellence study path, performed in partnership with the Engineering Faculty, is set up in 4 years (from third to fourth year of the Medicine and Surgery Course Golgi), for a total of 60 CFUs of which 48 CFUs from lectures and laboratories, and 12 CFUs from practicals and dissertation activities.

Lectures related with single teachings will be taught outside teaching hours of the Harvey course, according to all teaching activities (lectures, traineeships, laboratories) of MEET students. At the end of each lecture there will be two exam sessions; by passing the exam, the student will obtain a judgment mark. Students simultaneously enrolled at the University and at the IUSS Institute will receive a grade out of 30. These marks do not interfere with the main study path to graduate in Medicine and Surgery.

After graduating in Medicine and Surgery, the students can enroll in the Master MEET and earn a second level Master’s degree in MEET either by the recognition of the 48 extra CFU or by passing new exams. The duration of the Master is one year, by which the students must conclude the exams needed and pass the final exam that consists of the presentation of the dissertation (12 CFU).

Shortening the duration of the studies, temporary interruption or transferring to other universities for similar Master’s degrees is not possible.

For any other details please peruse the call and the regulation of the MEET excellence program.

Art. 9 – Double-degree programs

1. For the time being, the Course does not include any double-degree programmes.

Art. 10 – Compulsory attendance and end-of-course assessments

1. Attendance to teaching activities (lectures and vocational traineeships) is mandatory.
2. The enrolment in the following academic year is allowed exclusively to students who, in compliance of the propaedeutics, have passed the exams listed in the following table by the end of the September exam session.

To be able to enroll in:	the student will have to have passed the following exams:
the 3 rd year	Structure of the body (506504) and Biochemistry (500458)
the 4 th year	Functions of the body (506512) and Biology of diseases (506516)

The students who have regular attendance of the courses in the study plan, but who by the end of the September exam session haven’t passed all the exams as shown in the above table will be enrolled as repeating students for the whole academic year, without attendance obligation. These students can take exams also outside the normal exam sessions.

To guarantee a progressive and balanced cultural growth of the student, there are further propaedeutics as listed in the table below:

To be able to take the exam(s):	the student will have to have passed the following exam(s):
Biochemistry (500458)	Basic science (506492)
Functions of the body (506512)	Biochemistry (500458), Structure of the body (506504)
Clinical Foundations (506524), Drug discovery and actions (506520), Systemic pathology (506519), Blood Diseases (508273), Disease of endocrine, system and metabolism (508272); Disease control and eradication (506528)	Functions of the body (506512) and Biology of disease (506516)
Blood diseases (508273), Diseases of the endocrine system and metabolism (508272); Disease control and eradication (506528)	Clinical Foundations (506524)
Kidney and urinary tract disease (511337), GI tract diseases (511338), Cardiovascular diseases (509629), Lung diseases (509630), Soft tissue diseases (506545), Sensory system diseases (506544), Neurological and psychiatric diseases (506542)	Clinical Foundations (506524) and Drug discovery and actions (506520)
Clinical pharmacology, genetics and pathology (506547), General surgery I (506554), General surgery II (506555), Woman and childhood health (506546)	Cardiovascular diseases (509629), GI tract diseases (511338), Kidney and urinary tract disease (511337), Lung diseases (509630)
Oncology e imaging (511339), Clinical Medicine (506556) Public Health (510128)	All the 4 th year's exams and Clinical Pharmacology, genetics and pathology (506547)

3. To guarantee a convenient level of learning during the vocational activities in contact with patients, it is recommended for students who don't speak Italian as their mother tongue to attend the following elective teachings:
 - 511340 - "APPROCCIO AL PAZIENTE ITALIANO 1 (HOW TO APPROACH AN ITALIAN PATIENT 1)";
 - 511341 - "APPROCCIO AL PAZIENTE ITALIANO 2 (HOW TO APPROACH AN ITALIAN PATIENT 2)".
4. Students will lose their position if they interrupt for 4 consecutive academic years their enrolment into the Course or if they did not comply with attendance obligations for 4 consecutive academic years or if they did not pass any exams for 4 consecutive academic years.
5. The limitations and propaedeutics for the students of the entering classes prior to the a.y. 2024/2025 are specified in the attachment **n. 2** and published on the website of the course.

Art. 11 – Electives

1. During the 6th year it is possible to include 8 CFUs of electives (as stated in art. 10 paragraph 5.a Ministerial Decree 270/2004- classification "TAF D"), or ADE (*Attività Didattiche Elettive*) in a student's study plan. Said activities do not require a grade but are no-mark exams.
2. Registration of additional elective credits will be performed once the student's attendance has been verified. Credit allocation is obtained by attending elective activities, which must be chosen from the following categories:
 - Elective internship in basic disciplines (1 CFU): attendance must not exceed 20 hours of research laboratories.

- Monographic courses (1 CFU): a monographic course is an in-depth analysis of interdisciplinary topics that aim to train the future doctors; this course includes 8 hours of lectures.
The electives for the Harvey Course are published on the Harvey Course website (<https://medicineandsurgeryharvey.cdl.unipv.it/it>) as well as on the Faculty of Medicine website (<http://www-med.unipv.it/>) and are updated each year. To obtain the signature or the certificate of attendance, it is necessary to attend no less than 75% of the scheduled meetings.
- 3. Within electives chosen by students, as stated in art.10 paragraph 5.a Ministerial Decree 270/2004-classification “TAF D”, it is allowed to include teachings belonging to *numerus clausus* (restricted access) Courses, organised either at local or national level, except for the teachings of the psychology area.
- 4. The student will not be allowed to choose teaching activities already attended during past academic experiences unless the student did obtain specific validations for those courses besides the necessary CFUs to be admitted to the final degree examination. Relevant offices will verify the rule has been correctly applied during the control phase of the preliminary career to be admitted to the final examination. In case the above-mentioned rule is breached, the student will not be admitted to the final examination and will be obliged to modify the study plan.
- 5. In addition to the courses necessary for the graduation, it is possible to include a maximum of 24 CFU of extra teachings to the study plan. The extra teachings can be selected from the bachelor’s and master’s degree courses offered, except for the psychology area, and it is important to respect possible propaedeutics of the course.

Art. 12 – Vocational traineeships

1. Vocational traineeships are mandatory training activities corresponding to 60 CFUs (1 200 hours of student’s work). Traineeships run from third to sixth year and will allow the student to acquire the expected professionalism. The student, under the direct control of a tutor professor, must carry out traineeship activities in person. A specific regulation applies for vocational traineeship activities.
2. The 15 CFUs devoted to the Vocational Traineeship (TPV - Tirocinio Pratico Valutativo), necessary in order to take the exam to practice medicine, as established by the Ministerial Decree 58 9-5-2018, are included in the 60 CFUs attributed to clinical traineeships. The mandatory Vocational Traineeship may be performed from the fifth year on condition that all exams up to the fourth year have been passed, including the traineeships of the third and fourth year, except for the elective activities.

The 15 CFUs are divided as follows:

5 CFUs in medical areas

5 CFUs in surgical areas

5 CFUs in GP offices - these ones must be performed during the sixth year and only after passing the exam of CLINICAL PHARMACOLOGY, GENETICS AND PATHOLOGY of the fifth year.

Differently from the normal clinical traineeships, Vocational Traineeships activities must be reported by the trainee in a specific online booklet - downloadable from the website only after passing all exams up to the fourth year- and they will also contain the evaluation of the tutor professor and the reference professor of the involved area. The detailed regulation is available on the Faculty website at this link: <http://www-med.unipv.it/>

3. It is not possible to anticipate to the year preceding the attendance to the set traineeship activities for each academic year.
4. The eligibility evaluation for the TPV is a necessary condition to obtain the permission to the practice of medical doctor within the set regulations for the Master’s Degree course and as established by the Ministerial Decree n.8 of 02 April 2020.

5. The vocational traineeships in medical and-or surgical areas performed during an international mobility programme and set in the Learning Agreement document may be recognised as TPV traineeships only prior to submitting the attendance certificate forms.

Art. 13 – Examinations and end-of course assessments

1. Teaching activities can be organised into integrated courses including modules, according to the logic of integrated teaching. The learning process is verified via an integrated examination. It is possible, for integrated courses taking place in different semesters, to assess knowledge via partial or ongoing evaluations. The overall number of examinations scheduled throughout the six years of study is 32.
2. Students have the obligation to sit all the examinations for the semester during one of the two alternative sessions scheduled for the end of the same semester. Exams for the overall integrated courses are indivisible and must be scheduled and sat as a single examination. The grade summarizes the obtained learning results and the specific extent of knowledge gained by the student during the teaching activity.
3. Basic, characterising, similar or supplementary training activities as well as activities independently chosen by the student are considered in the calculation of the number of exams or final evaluations. Those exams or final evaluations are counted as one unity (even when the allocated credits may result in one or more exams or final evaluations). When calculating the maximum limit of exams or final evaluations, training activities under points c), d), e) paragraph 5 art.10 Ministerial Decree 270/2004 must not be included. In any case, examinations of said activities cannot be more than 5, including the final evaluation for the degree title obtainment.
4. Knowledge can be assessed via:
 - idoneità* (no-mark exam), evaluating the strength of the learning and teaching process;
 - esami di profitto* (examinations), which evaluate and quantify with a grade the achievement of the integrated course objectives via exam modalities set and communicated by professors.Enrolment and registration in the student's career of examinations shall be performed exclusively online.
5. In case an exam is not passed, the student can re-sit the examination again during the scheduled retake sessions. The professors are not allowed to make students skip a session.
6. Based on the art. 30, comma 1 of the Students' Careers Regulation, it is necessary to register the evaluation of the exam even when it is negative.

Art. 14 – Final examination and degree awarding

1. Students who did perform the mandatory TPV and received their eligibility evaluation inside the MD course (see art.12 comma 4), the *Laurea Magistralis* diploma issued by the university will have double value as both academic title and title giving permission to practice medicine and surgery as set by the current provisions. This double value will be also reported on the *Laurea Magistralis* diploma as well as in additional replacement certificates released by the university upon request of its students.
2. 18 CFUs are dedicated to thesis preparation for each student. To carry out the thesis internship, the student must identify a professor as supervisor (*Relatore*). The two will then agree the topic of the thesis and the laboratory/clinic where the internship will be performed. If the request is accepted, the professor can possibly assign a tutor who will perform the role of co-supervisor (*Correlatore*) during the thesis presentation.
3. To be admitted to the final examination, the student must have earned all credits in the plan of study - excluding 18 CFUs dedicated to thesis preparation. The final examination consists of the presentation and discussion of a thesis written by the student in English with the guidance of a supervisor and

possibly a co-supervisor. No distinction is made according to the type of thesis (clinical case, experimental or summarising thesis). The supervisor and possible co-supervisor will present a short-signed report –indicatively one page- to be attached to the thesis, declaring the actual contribution of the student in the thesis preparation process.

4. The final grade is expressed in a score out of 110, from the result of the sum among **Baseline score**, **Final degree mark**, **Other scores**.
 - **Baseline score:** the baseline score is given by the average of the grades multiplied by 11 and divided by 3; criteria for the final grades average calculation are reported at the link <http://www-7.unipv.it/harveymedicine/rules-and-regulations/>
 - **Final degree mark:** this score is given according to the quality of work presented by the student as well as by the discussion in front of the Degree Committee.

The score includes 8 points:

- a maximum of 3 points awarded by the supervisor (2 points for content and 1 point for the quality of thesis exposition and discussion);
- a maximum of 3 points awarded by the Committee (same parameters as the previous point);
- a maximum of 2 points awarded by the outside examiner (*Controrelatore*).

- **Other scores :**

- 1 point is awarded for at least 3 grades with honours, 2 points for at least 5 grades with honours and 2 points for the students who graduate by the April session of their sixth year.

To graduate with honours (*con lode*), unanimously assigned by the Degree Committee, it is necessary to have a final exam score \geq to 112/110.

The **commendation** (*encomio*) is awarded to students with a final score \geq to 116/110.

5. The commission of professors for the final dissertation is formed according to the directions included in the University Teaching Regulations; in the commission a professional doctor is included belonging to the *ordine professionale* who will thus be able to check the regular performance of the final exam for the permission to practice medicine and surgery and also the consequent registration to the local *Albo professionale*.

Part three-Directives for student's careers

Art. 15 – Criteria to recognise duly certified extra-academic skills and knowledge

1. The Harvey Teaching Council (*Consiglio Didattico*) may validate duly certified extra-academic skills and knowledge for a maximum of 12 CFUs (art.14 Law 240/2010), by considering the cultural training and professional preparation of the degree Course.
2. Upon student's request, the following activities duly certified can be recognized as university credits in the frame of the electives of the study plan (TAF D), according to the criteria and modalities set by the Academic Senate:
 - Sport practiced at Olympic, world or European level: up to 6 CFU
 - Ranking in “medal zone” to the university championships or agonistic activities for the CUS sections of Pavia, including the competitions at regional and national level: up to 6 CFU
 - Sport practiced at Italian level and in intermediate categories: up to 3 CFU.

Art. 16 – Criteria to recognise credits

1. Incoming transfers
2. Admission into first year is managed by the Italian Ministry of Education, Universities and Research, and is made via a national merit ranking. For further details please peruse the correspondent Ministry Decrees and admission call. Transfer applicants from an EU or a non-EU

university are exempted from taking the admission test if they already have a sufficient number of credits for their admission into an upper year, as set by the current regulation. Post-first year admission is always regulated by a verification of the study path of the applicant requesting admission, especially related to the characteristics of the previous study course, taken exams, number of CFU and SSD, theoretical studies and practicals performed in the previous University, as well as the unavoidable number of places available for transfer fixed by our University for each year during the annual programming activities. Available places will be assigned according to a merit ranking, following the established criteria defined by an appointed Commission from the Teaching Council, and all information will be published in the dedicated post-first-year admissions call. Transfers from applicants who do not hold a regular current student status will not be accepted at the time of online applications. The annual available places for transfer will be issued within the summer by the Education Offer and Students' Careers office in charge, and they will also publish the correspondent call.

3. Students who passed the admission test in Pavia may ask validation for compatible exams they already sat in their previous academic career either in Italy or abroad, and the validations proposed by relevant lecturers are subject to the final decision of the Harvey Teaching Council. Possible post-first year passages will be evaluated by the Harvey Teaching Council.

Art. 17 – Criteria to recognise training activities performed during study periods in foreign universities

1. Training activities performed in foreign universities are recognised if carried out in the frame of the following projects: EU Erasmus + exchange programmes and International Mobility programmes recognized by the University via international agreements, as well as exchange agreements undersigned by the Faculty of Medicine and Surgery with other foreign universities.
2. The Learning Agreement or the Training Agreement are the documents describing the training activities abroad, as well as the replaceable activities of the degree Course. The possibility of credits recognition during the study period abroad is set previously by the Learning Agreement or the Training Agreement. These documents are signed for approval by the professor designated by the Department as Delegate for International Mobility Agreements and by the student for teaching and training activities. The Delegate is responsible for determining whether there is coherence between the educational objectives of the Harvey Course and the Learning Agreement or the Training Agreement.
3. The responsible professor must approve the equivalent didactic programme of study abroad and any scheduled teaching activities of the Course by written communication.
4. At the end of the study period abroad, the student will bring to the Harvey Teaching Committee the certificate of performed activities together with the programmes for each activity certified by the foreign university for credits recognition. The Harvey Teaching Committee will then proceed to grades conversion and possible integrations.
5. For other aspects not present in this current regulation please refer to article 22 of the Students' Careers Regulation and the International Mobility Regulations.

Art. 18 – Post-first year admission

1. Rules for post-first year admissions are listed in article 10, comma 2.

Art. 19 – Certificates

1. Linguistic certificates or other types of certificates cannot be accepted.

ATTACHMENT 2

LIMITATIONS AND PROPAEDEUTICS – entering classes 2023/2024 and 2022/2023

The enrolment in the following academic year is allowed exclusively to students who, in compliance of the propaedeutics, have passed the exams listed in the following table by the end of the September exam session.

To be able to enroll in:	the student will have to have passed the following exams:
the 3 rd year	Structure of the body (506504) and Biochemistry (500458)
the 4 th year	Functions of the body (506512) and Biology of diseases (506516)

The students who have regular attendance of the courses in the study plan, but who by the end of the September exam session haven't passed all the exams as shown in the above table will be enrolled as repeating students for the whole academic year, without attendance obligation. These students can take exams also outside the normal exam sessions.

To guarantee a progressive and balanced cultural growth of the student, there are further propaedeutics as listed in the table below:

To be able to take the exam(s):	the student will have to have passed the following exam(s):
Living Molecules (506497)	Basic science (506492)
Functions of the body (506512)	Living Molecules (506497), Structure of the body (506504)
Clinical Foundations (506524), Drug discovery and actions (506520), Systemic pathology (506519), Blood Diseases (508273), Disease of endocrine, system and metabolism (508272); Disease control and eradication (506528)	Functions of the body (506512) and Biology of disease (506516)
Blood diseases (508273), Diseases of the endocrine system and metabolism (508272); Disease control and eradication (506528)	Clinical Foundations (506524)
GI and urinary tracts (506540), Cardiovascular diseases (509629), Lung diseases (509630), Soft tissue diseases (506545), Sensory system diseases (506544), Neurological and psychiatric diseases (506542)	Clinical Foundations (506524) and Drug discovery and actions (506520)
Clinical pharmacology, genetics and pathology (506547), General surgery I (506554), General surgery II (506555), Woman and childhood health (506546)	Cardiovascular diseases (509629), GI and urinary tract (506540), Lung diseases (509630)
Clinical Medicine (506556) Public Health (510128)	All the 4 th year's exams and Clinical Pharmacology, genetics and pathology (506547)

N.B. Earning the 5 CFUs of Vocational Traineeship (TPV - Tirocinio Pratico Valutativo) in GP offices programmed for the sixth year is possible only after passing the exam of CLINICAL PHARMACOLOGY, GENETICS AND PATHOLOGY (506547) of the fifth year.

LIMITATIONS AND PROPAEDEUTICS – entering class 2021/2022

The enrolment in the following academic year is allowed exclusively to students who, in compliance of the propaedeutics, have passed the exams listed in the following table by the end of the September exam session.

To be able to enroll in:	the student will have to have passed the following exams:
the 3 rd year	Structure of the body (506504) and Living Molecules (506497)
the 4 th year	Functions of the body (506512) and Biology of diseases (506516)

The students who have regular attendance of the courses in the study plan, but who by the end of the September exam session haven't passed all the exams as shown in the above table will be enrolled as repeating students for the whole academic year, without attendance obligation. These students can take exams also outside the normal exam sessions.

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Functions of the body (506512)	Living Molecules (506497), Structure of the body (506504)
Clinical Foundations (506524), Drug discovery and actions (506520), Systemic pathology (506519), Blood Diseases (508273), Disease of endocrine, system and metabolism (508272); Disease control and eradication (506528)	Functions of the body (506512) and Biology of disease (506516)
Blood diseases (508273), Diseases of the endocrine system and metabolism (508272); Disease control and eradication (506528)	Clinical Foundations (506524)
GI and urinary tracts (506540), Cardiovascular diseases (509629), Lung diseases (509630), Soft tissue diseases (506545), Sensory system diseases (506544), Neurological and psychiatric diseases (506542)	Clinical Foundations (506524) and Drug discovery and actions (506520)
Clinical pharmacology, genetics and pathology (506547), General surgery I (506554), General surgery II (506555), Woman and childhood health (506546)	Cardiovascular diseases (509629), GI and urinary tract (506540), Lung diseases (509630)
Clinical Medicine (506556)	All the 4 th year's exams and Clinical Pharmacology, genetics and pathology (506547)

N.B. Earning the 5 CFUs of Vocational Traineeship (TPV - Tirocinio Pratico Valutativo) in GP offices programmed for the sixth year is possible only after passing the exam of CLINICAL PHARMACOLOGY, GENETICS AND PATHOLOGY (506547) of the fifth year.

LIMITATIONS AND PROPAEDEUTICS – entering classes 2020/2021 and 2019/2020

The enrolment in the following academic year is allowed exclusively to students who, in compliance of the propaedeutics, have passed the exams listed in the following table by the end of the September exam session.

To be able to enroll in:	the student will have to have passed the following exams:
the 3 rd year	Structure of the body (506504) and Living Molecules (506497)
the 4 th year	Functions of the body (506512) and Biology of diseases (506516)

The students who have regular attendance of the courses in the study plan, but who by the end of the September exam session haven't passed all the exams as shown in the above table will be enrolled as repeating students for the whole academic year, without attendance obligation. These students can take exams also outside the normal exam sessions.

To guarantee a progressive and balanced cultural growth of the student, there are further propaedeutics as listed in the table below:

To be able to take the exam(s):	the student will have to have passed the following exam(s):
Living Molecules (506497)	Basic science (506492)
Functions of the body (506512)	Living Molecules (506497), Structure of the body (506504)
Clinical Foundations (506524), Drug discovery and actions (506520), Systemic pathology (506519), Blood Diseases (508273), Disease of endocrine, system and metabolism (508272); Disease control and eradication (506528)	Functions of the body (506512) and Biology of disease (506516)
Blood diseases (508273), Diseases of the endocrine system and metabolism (508272); Disease control and eradication (506528)	Clinical Foundations (506524)
GI and urinary tracts (506540), Heart and Lungs (506538), Soft tissue diseases (506545), Sensory system diseases (506544), Neurological and psychiatric diseases (506542)	Clinical Foundations (506524) and Drug discovery and actions (506520)
Clinical pharmacology, genetics and pathology (506547), General surgery I (506554), General surgery II (506555), Woman and childhood health (506546)	Heart and Lungs (506538), GI and urinary tract (506540)
Clinical Medicine (506556)	All the 4 th year's exams and Clinical Pharmacology, genetics and pathology (506547)

N.B. Earning the 5 CFUs of Vocational Traineeship (TPV - Tirocinio Pratico Valutativo) in GP offices programmed for the sixth year is possible only after passing the exam of CLINICAL PHARMACOLOGY, GENETICS AND PATHOLOGY (506547) of the fifth year.



UNIVERSITÀ DI PAVIA

FACOLTA' DI MEDICINA E CHIRURGIA

DIPARTIMENTO DI MEDICINA MOLECOLARE

LM - 41 - Classe delle lauree magistrali in Medicina e Chirurgia

Corso di Studio: 04424 - MEDICINE AND SURGERY

Ordinamento: 2024/2025 - Regolamento: 2024/2025

Percorso: 00 - PERCORSO COMUNE

<https://portale.unipv.it/it>

<https://medicineandsurgeryharvey.cdl.unipv.it/en>

PIANO DI STUDI PER GLI STUDENTI IMMATRICOLATI NELL'ANNO ACCADEMICO: 2024/2025

1° Anno (70 CFU)

Attività Formativa	CFU	Settore	TAF/Ambito	Tipo insegnamento
506492 - BASIC SCIENCE	10			Obbligatorio
Unità Didattiche				
500438 - CHEMISTRY	5	BIO/10	Base / Struttura, funzione e metabolismo delle molecole d'interesse biologico	Obbligatorio
506493 - MEDICAL PHYSICS	5	FIS/07	Base / Discipline generali per la formazione del medico	Obbligatorio
500458 - BIOCHEMISTRY	13			Obbligatorio
Unità Didattiche				
500461 - MOLECULAR BIOLOGY	2	BIO/11	Base / Struttura, funzione e metabolismo delle molecole d'interesse biologico	Obbligatorio
500462 - CELLULAR BIOCHEMISTRY	2	BIO/10	Base / Struttura, funzione e metabolismo delle molecole d'interesse biologico	Obbligatorio
506498 - GENERAL BIOCHEMISTRY A	7	BIO/10	Base / Struttura, funzione e metabolismo delle molecole d'interesse biologico	Obbligatorio
506499 - GENERAL BIOCHEMISTRY B	2	BIO/10	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
506497 - LIVING MOLECULES	6			Obbligatorio
Unità Didattiche				
500454 - GENERAL BIOLOGY	2	BIO/13	Base / Discipline generali per la formazione del medico	Obbligatorio
500455 - HUMAN GENETICS	2	MED/03	Base / Discipline generali per la formazione del medico	Obbligatorio
501561 - MOLECULAR GENETICS	1	BIO/13	Base / Discipline generali per la formazione del medico	Obbligatorio
508086 - LABORATORY OF HUMAN GENETICS	1	MED/03	Base / Discipline generali per la formazione del medico	Obbligatorio
506504 - STRUCTURE OF THE BODY	20			Obbligatorio
Unità Didattiche				

	500466 - CYTOLOGY	2	BIO/17	Base / Morfologia umana	Obbligatorio
	500469 - TOPOGRAPHIC ANATOMY	2	BIO/16	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
	504899 - HUMAN ANATOMY A	6	BIO/16	Base / Morfologia umana	Obbligatorio
	504900 - HUMAN ANATOMY B	5	BIO/16	Base / Morfologia umana	Obbligatorio
	506505 - HISTOLOGY	2	BIO/17	Base / Morfologia umana	Obbligatorio
	506506 - EMBRYOLOGY	1	BIO/17	Base / Morfologia umana	Obbligatorio
	508090 - LABORATORY OF TOPOGRAPHIC ANATOMY	2	BIO/16	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
510124 - DETERMINANTS OF HEALTH		3	MED/42	Caratterizzante / Scienze umane, politiche della salute e management sanitario	Obbligatorio
506496 - SCIENTIFIC FOUNDATIONS OF MEDICINE		6			Obbligatorio
	Unità Didattiche				
	500445 - HISTORY OF MEDICINE	1	MED/02	Caratterizzante / Inglese scientifico e abilità linguistiche, informatiche e relazionali, pedagogia medica, tecnologie avanzate e a distanza di informazione e comunicazione	Obbligatorio
	501847 - EPIDEMIOLOGY	1	MED/01	Caratterizzante / Inglese scientifico e abilità linguistiche, informatiche e relazionali, pedagogia medica, tecnologie avanzate e a distanza di informazione e comunicazione	Obbligatorio
	502609 - STATISTICS A	1	MED/01	Caratterizzante / Inglese scientifico e abilità linguistiche, informatiche e relazionali, pedagogia medica, tecnologie avanzate e a distanza di informazione e comunicazione	Obbligatorio
	502610 - STATISTICS B	2	MED/01	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
	508088 - LABORATORY OF STATISTICS B	1	MED/01	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
511340 - APPROCCIO AL PAZIENTE ITALIANO 1 (HOW TO APPROACH AN ITALIAN PATIENT 1)		1	MED/09	A scelta dello studente / A scelta dello studente	
OPTIONAL TEACHING ACTIVITIES (OTA)		11		THE STUDENT MUST CHOOSE 8 CREDITS AMONG THE COURSES SUGGESTED DURING THE 6 YEARS OF THE COURSE	
511380 - BASIC LIFE SUPPORT		1	MED/09	A scelta dello studente / A scelta dello studente	
506495 - ESSAY WRITING TECHNIQUE		1	NN	A scelta dello studente / A scelta dello studente	
508089 - LABORATORY OF HISTOLOGY		1	BIO/17	A scelta dello studente / A scelta dello studente	
506494 - MATHEMATICS		1	NN	A scelta dello studente / A scelta dello studente	
510749 - STEM CELL MEDICINE		3	MED/04	A scelta dello studente / A scelta dello studente	
508271 - THE DISABLED PERSON		2	MED/02	A scelta dello studente / A scelta dello studente	
508270 - ULTRASOUND LABORATORY		1	BIO/16	A scelta dello studente / A scelta dello studente	
511381 - WOUND MANAGEMENT		1	MED/18	A scelta dello studente / A scelta dello studente	
2° Anno (62 CFU)					
Attività Formativa		CFU	Settore	TAF/Ambito	Tipo insegnamento
506512 - FUNCTIONS OF THE BODY		20			Obbligatorio
	Unità Didattiche				
	501703 - RESPIRATORY PHYSIOLOGY	2	BIO/09	Base / Funzioni biologiche integrate di organi, sistemi e apparati umani	Obbligatorio
	501704 - NERVOUS SYSTEM PHYSIOLOGY	4	BIO/09	Base / Funzioni biologiche integrate di organi, sistemi e apparati umani	Obbligatorio

	501705 - KIDNEY PHYSIOLOGY	2	BIO/09	Base / Funzioni biologiche integrate di organi, sistemi e apparati umani	Obbligatorio
	501706 - GASTROENTEROLOGIC PHYSIOLOGY	2	BIO/09	Base / Funzioni biologiche integrate di organi, sistemi e apparati umani	Obbligatorio
	501717 - MUSCLE PHYSIOLOGY	1	BIO/09	Base / Funzioni biologiche integrate di organi, sistemi e apparati umani	Obbligatorio
	501718 - CELL PHYSIOLOGY	3	BIO/09	Base / Funzioni biologiche integrate di organi, sistemi e apparati umani	Obbligatorio
	501719 - CARDIOVASCULAR PHYSIOLOGY	3	BIO/09	Base / Funzioni biologiche integrate di organi, sistemi e apparati umani	Obbligatorio
	501720 - ENDOCRINE PHYSIOLOGY	2	BIO/09	Base / Funzioni biologiche integrate di organi, sistemi e apparati umani	Obbligatorio
	509627 - PHYSIOLOGY LABORATORY	1	BIO/09	Base / Funzioni biologiche integrate di organi, sistemi e apparati umani	Obbligatorio
506708 - LABORATORY MEDICINE		6			Obbligatorio
	Unità Didattiche				
	501722 - CLINICAL BIOCHEMISTRY	5	BIO/12	Caratterizzante / Medicina di laboratorio e diagnostica integrata	Obbligatorio
	508094 - LABORATORY OF CLINICAL GENETICS	1	MED/03	Base / Discipline generali per la formazione del medico	Obbligatorio
506516 - BIOLOGY OF DISEASE		14			Obbligatorio
	Unità Didattiche				
	501708 - IMMUNOLOGY	4	MED/04	Caratterizzante / Patologia generale e molecolare, immunopatologia, fisiopatologia generale, microbiologia e parassitologia	Obbligatorio
	501709 - GENERAL PATHOLOGY	5	MED/04	Caratterizzante / Patologia generale e molecolare, immunopatologia, fisiopatologia generale, microbiologia e parassitologia	Obbligatorio
	506518 - GENERAL PATHOPHYSIOLOGY	2	MED/04	Caratterizzante / Formazione clinica interdisciplinare e medicina basata sulle evidenze	Obbligatorio
	508092 - LABORATORY OF IMMUNOLOGY A	1	MED/04	Caratterizzante / Patologia generale e molecolare, immunopatologia, fisiopatologia generale, microbiologia e parassitologia	Obbligatorio
	508093 - LABORATORY OF GENERAL PATHOLOGY A	1	MED/04	Caratterizzante / Patologia generale e molecolare, immunopatologia, fisiopatologia generale, microbiologia e parassitologia	Obbligatorio
	509628 - LABORATORY HISTOPATHOLOGY	1	MED/04	Caratterizzante / Patologia generale e molecolare, immunopatologia, fisiopatologia generale, microbiologia e parassitologia	Obbligatorio
506508 - ETHICS AND SOCIETY		7			Obbligatorio
	Unità Didattiche				
	506509 - ETHICS AND MEDICINE (BIOETHICS)	4	MED/02	Caratterizzante / Inglese scientifico e abilità linguistiche, informatiche e relazionali, pedagogia medica, tecnologie avanzate e a distanza di informazione e comunicazione	Obbligatorio
	506510 - THE PUBLIC STRUCTURE OF HEALTH (FORENSIC MEDICINE)	2	MED/43	Caratterizzante / Medicina e sanità pubblica e degli ambienti di lavoro e scienze medico legali	Obbligatorio
	506511 - PATIENT AND DOCTOR RELATIONSHIP	1	MED/25	Caratterizzante / Clinica psichiatrica e discipline del comportamento	Obbligatorio
501710 - MICROBIOLOGY		8			Obbligatorio
	Unità Didattiche				
	504495 - VIROLOGY A	1	MED/07	Caratterizzante / Patologia generale e molecolare, immunopatologia, fisiopatologia generale, microbiologia e parassitologia	Obbligatorio

	504496 - VIROLOGY B	1	MED/07	Caratterizzante / Medicina di laboratorio e diagnostica integrata	Obbligatorio
	506513 - CLINICAL MICROBIOLOGY A	1	MED/07	Caratterizzante / Medicina di laboratorio e diagnostica integrata	Obbligatorio
	506514 - CLINICAL MICROBIOLOGY B	1	MED/07	Caratterizzante / Patologia generale e molecolare, immunopatologia, fisiopatologia generale, microbiologia e parassitologia	Obbligatorio
	506517 - BACTERIOLOGY AND PARASITOLOGY	4	MED/07	Caratterizzante / Patologia generale e molecolare, immunopatologia, fisiopatologia generale, microbiologia e parassitologia	Obbligatorio
OPTIONAL TEACHING ACTIVITIES (OTA)		7		THE STUDENT MUST CHOOSE 8 CREDITS AMONG THE COURSES SUGGESTED DURING THE 6 YEARS OF THE COURSE	
	511452 - DATA SCIENCE IN EVERYDAY PRACTICE	3	BIO/11	A scelta dello studente / A scelta dello studente	
	511341 - APPROCCIO AL PAZIENTE ITALIANO 2 (HOW TO APPROACH AN ITALIAN PATIENT 2)	1	MED/09	A scelta dello studente / A scelta dello studente	
	508606 - APPROFONDIMENTI DI FISIOLOGIA UMANA	1	BIO/09	A scelta dello studente / A scelta dello studente	
	508905 - FORMARE CON L'ECOGRAFIA ALLE SCIENZE DI BASE	2	MED/36	A scelta dello studente / A scelta dello studente	
3° Anno (71 CFU)					
	Attività Formativa	CFU	Settore	TAF/Ambito	Tipo insegnamento
	508273 - BLOOD DISEASES	5			Obbligatorio
	Unità Didattiche				
	501855 - HAEMATOLOGY	3	MED/15	Caratterizzante / Formazione clinica interdisciplinare e medicina basata sulle evidenze	Obbligatorio
	501856 - HAEMATOLOGIC ONCOLOGY	1	MED/15	Caratterizzante / Formazione clinica interdisciplinare e medicina basata sulle evidenze	Obbligatorio
	506548 - PATHOLOGICAL ANATOMY IN HAEMATOLOGY	1	MED/08	Caratterizzante / Clinica delle specialità medico-chirurgiche	Obbligatorio
	506524 - CLINICAL FOUNDATIONS	10			Obbligatorio
	Unità Didattiche				
	501849 - GENERAL SURGERY	4	MED/18	Caratterizzante / Fisiopatologia, metodologia clinica, propedeutica clinica e sistematica medico-chirurgica	Obbligatorio
	508097 - TRAINEESHIP IN MEDICAL SEMEIOTICS A	2	MED/09	Caratterizzante / Fisiopatologia, metodologia clinica, propedeutica clinica e sistematica medico-chirurgica	Obbligatorio
	508098 - TRAINEESHIP IN MEDICAL SEMEIOTICS B	2	MED/09	Caratterizzante / Clinica generale medica e chirurgica	Obbligatorio
	508099 - TRAINEESHIP IN RADIOLOGY	2	MED/36	Caratterizzante / Medicina di laboratorio e diagnostica integrata	Obbligatorio
	506528 - DISEASE CONTROL AND ERADICATION	11			Obbligatorio
	Unità Didattiche				
	506529 - INFECTIOUS DISEASES A	3	MED/17	Caratterizzante / Medicina di comunità	Obbligatorio
	506530 - INFECTIOUS DISEASES B	2	MED/17	Caratterizzante / Clinica delle specialità medico-chirurgiche	Obbligatorio
	506531 - THE SCIENCE OF DISEASE CONTROL AND ERADICATION	4	MED/17	Caratterizzante / Clinica delle specialità medico-chirurgiche	Obbligatorio
	506532 - CLINICAL EPIDEMIOLOGY	2	MED/01	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
	508272 - DISEASE OF THE ENDOCRINE SYSTEM AND METABOLISM	5			Obbligatorio

	Unità Didattiche				
	501877 - ENDOCRINOLOGY	3	MED/13	Caratterizzante / Fisiopatologia, metodologia clinica, propedeutica clinica e sistematica medico-chirurgica	Obbligatorio
	501878 - ENDOCRINE SURGERY	1	MED/18	Caratterizzante / Clinica generale medica e chirurgica	Obbligatorio
	510385 - METABOLIC DISEASE	1	MED/09	Caratterizzante / Clinica generale medica e chirurgica	Obbligatorio
506520 - DRUG DISCOVERY AND ACTIONS		6			Obbligatorio
	Unità Didattiche				
	504866 - CHEMOTHERAPY	1	BIO/14	Caratterizzante / Farmacologia, tossicologia e principi di terapia medica	Obbligatorio
	506521 - GENERAL PHARMACOLOGY AND PHARMACODYNAMICS	2	BIO/14	Caratterizzante / Farmacologia, tossicologia e principi di terapia medica	Obbligatorio
	506522 - PHARMACOKINETICS AND THERAPEUTIC DRUG MONITORING	2	BIO/14	Caratterizzante / Farmacologia, tossicologia e principi di terapia medica	Obbligatorio
	506523 - DRUG DISCOVERY AND DRUG DEVELOPMENT	1	BIO/14	Caratterizzante / Farmacologia, tossicologia e principi di terapia medica	Obbligatorio
506519 - SYSTEMIC PATHOLOGY		6			Obbligatorio
	Unità Didattiche				
	502675 - PATHOLOGICAL ANATOMY A	2	MED/08	Caratterizzante / Discipline anatomo-patologiche e correlazioni anatomo-cliniche	Obbligatorio
	502676 - PATHOLOGICAL ANATOMY B	3	MED/08	Caratterizzante / Fisiopatologia, metodologia clinica, propedeutica clinica e sistematica medico-chirurgica	Obbligatorio
	508095 - LABORATORY OF PATHOLOGICAL ANATOMY A	1	MED/08	Caratterizzante / Discipline anatomo-patologiche e correlazioni anatomo-cliniche	Obbligatorio
OPTIONAL TEACHING ACTIVITIES (OTA)		13		THE STUDENT MUST CHOOSE 8 CREDITS AMONG THE COURSES SUGGESTED DURING THE 6 YEARS OF THE COURSE	
506533 - EVOLUTION AND MEDICINE		4			
	Unità Didattiche				
	501929 - MEDICAL GENETICS	2	MED/03	A scelta dello studente / A scelta dello studente	
	506534 - GENETICS	2	BIO/18	A scelta dello studente / A scelta dello studente	
510750 - GENOMIC MEDICINE		3	BIO/13	A scelta dello studente / A scelta dello studente	
508276 - NANOTECHNOLOGIES IN MEDICINE		1	BIO/10	A scelta dello studente / A scelta dello studente	
508274 - PRECISION MEDICINE		3	NN	A scelta dello studente / A scelta dello studente	
508275 - THE DISABLE PATIENT		2	MED/02	A scelta dello studente / A scelta dello studente	
510687 - 3rd YEAR TRAINEESHIP 1		5	NN	Altro / Tirocini formativi e di orientamento	Obbligatorio
510688 - 3rd YEAR TRAINEESHIP 2		5	NN	Altro / Tirocini formativi e di orientamento	Obbligatorio
510690 - 3rd YEAR TRAINEESHIP 3		5	NN	Altro / Tirocini formativi e di orientamento	Obbligatorio
4° Anno (67 CFU)					
Attività Formativa		CFU	Settore	TAF/Ambito	Tipo insegnamento
509629 - CARDIOVASCULAR DISEASE		6			Obbligatorio
	Unità Didattiche				
	501863 - CARDIOLOGY	4	MED/11	Caratterizzante / Clinica delle specialità medico-chirurgiche	Obbligatorio
	501864 - HEART SURGERY	1	MED/23	Caratterizzante / Clinica delle specialità medico-chirurgiche	Obbligatorio

	501865 - VASCULAR SURGERY	1	MED/22	Caratterizzante / Clinica delle specialità medico-chirurgiche	Obbligatorio
511338 - GI TRACT DISEASES		5			Obbligatorio
	Unità Didattiche				
	501881 - GASTROINTESTINAL SURGERY	1	MED/18	Caratterizzante / Clinica generale medica e chirurgica	Obbligatorio
	501882 - HUMAN NUTRITION	1	MED/49	Caratterizzante / Formazione clinica interdisciplinare e medicina basata sulle evidenze	Obbligatorio
	504483 - GASTROENTEROLOGY A	2	MED/12	Caratterizzante / Formazione clinica interdisciplinare e medicina basata sulle evidenze	Obbligatorio
	504484 - GASTROENTEROLOGY B	1	MED/12	Caratterizzante / Clinica delle specialità medico-chirurgiche	Obbligatorio
511337 - KIDNEY AND URINARY TRACT DISEASE		6			Obbligatorio
	Unità Didattiche				
	501869 - NEPHROLOGY	4	MED/14	Caratterizzante / Formazione clinica interdisciplinare e medicina basata sulle evidenze	Obbligatorio
	501870 - UROLOGY	2	MED/24	Caratterizzante / Clinica delle specialità medico-chirurgiche	Obbligatorio
509630 - LUNG DISEASE		5			Obbligatorio
	Unità Didattiche				
	501867 - THORACIC SURGERY	1	MED/21	Caratterizzante / Clinica delle specialità medico-chirurgiche	Obbligatorio
	502667 - RESPIRATORY DISEASES A	2	MED/10	Caratterizzante / Formazione clinica interdisciplinare e medicina basata sulle evidenze	Obbligatorio
	502668 - RESPIRATORY DISEASES B	2	MED/10	Caratterizzante / Medicina delle attività motorie e del benessere	Obbligatorio
506542 - NEUROLOGICAL AND PSYCHIATRIC DISEASES		11			Obbligatorio
	Unità Didattiche				
	501899 - NEUROLOGY	5	MED/26	Caratterizzante / Discipline neurologiche	Obbligatorio
	501900 - NEUROSURGERY	1	MED/27	Caratterizzante / Discipline neurologiche	Obbligatorio
	502750 - ELEMENTS OF PSYCHIATRY	3	MED/25	Caratterizzante / Clinica psichiatrica e discipline del comportamento	Obbligatorio
	506543 - PSYCHOLOGICAL MEDICINE	2	MED/25	Caratterizzante / Clinica psichiatrica e discipline del comportamento	Obbligatorio
506544 - SENSORY SYSTEM DISEASES		8			Obbligatorio
	Unità Didattiche				
	501892 - OPHTHALMOLOGY	3	MED/30	Caratterizzante / Clinica medico-chirurgica degli organi di senso	Obbligatorio
	501893 - OTORHINOLARYNGOLOGY	2	MED/31	Caratterizzante / Clinica medico-chirurgica degli organi di senso	Obbligatorio
	501894 - AUDIOLOGY	1	MED/32	Caratterizzante / Clinica medico-chirurgica degli organi di senso	Obbligatorio
	501895 - DENTISTRY	1	MED/28	Caratterizzante / Clinica medico-chirurgica degli organi di senso	Obbligatorio
	501896 - MAXILLO-FACIAL SURGERY	1	MED/29	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
506545 - SOFT TISSUE DISEASES		6			Obbligatorio
	Unità Didattiche				
	501852 - RHEUMATOLOGY	3	MED/16	Caratterizzante / Formazione clinica interdisciplinare e medicina basata sulle evidenze	Obbligatorio
	501853 - CLINICAL IMMUNOLOGY	1	MED/09	Caratterizzante / Formazione clinica interdisciplinare e medicina basata sulle evidenze	Obbligatorio

	501889 - DERMATOLOGY	2	MED/35	Caratterizzante / Clinica delle specialità medico-chirurgiche	Obbligatorio
OPTIONAL TEACHING ACTIVITIES (OTA)		5		THE STUDENT MUST CHOOSE 8 CREDITS AMONG THE COURSES SUGGESTED DURING THE 6 YEARS OF THE COURSE	
510238 - ABILITA' NEL COMUNICARE LE CATTIVE NOTIZIE NEL MONDO SANITARIO		1	MED/09	A scelta dello studente / A scelta dello studente	
509347 - AGGIORNAMENTI IN CARDIOLOGIA		1	MED/11	A scelta dello studente / A scelta dello studente	
508612 - APPROFONDIMENTI IN ECG		1	MED/11	A scelta dello studente / A scelta dello studente	
508917 - APPROFONDIMENTO IN CHIRURGIA: CHIRURGIA ROBOTICA E SPECIALISTICA		1	MED/40	A scelta dello studente / A scelta dello studente	
508608 - INSUFFICIENZA RENALE ACUTA E CRONICA: CASI CLINICI IN NEFROLOGIA		1	MED/14	A scelta dello studente / A scelta dello studente	
510692 - 4th YEAR TRAINEESHIP 1		5	NN	Altro / Tirocini formativi e di orientamento	Obbligatorio
510693 - 4th YEAR TRAINEESHIP 2		5	NN	Altro / Tirocini formativi e di orientamento	Obbligatorio
510694 - 4th YEAR TRAINEESHIP 3		5	NN	Altro / Tirocini formativi e di orientamento	Obbligatorio
5° Anno (54 CFU)					
Attività Formativa		CFU	Settore	TAF/Ambito	Tipo insegnamento
506547 - CLINICAL PHARMACOLOGY, GENETICS AND PATHOLOGY		10			Obbligatorio
	Unità Didattiche				
	501715 - PATHOLOGICAL ANATOMY	3	MED/08	Caratterizzante / Discipline anatomo-patologiche e correlazioni anatomo-cliniche	Obbligatorio
	506549 - CLINICAL PHARMACOLOGY AND THERAPEUTICS	4	BIO/14	Caratterizzante / Farmacologia, tossicologia e principi di terapia medica	Obbligatorio
	506550 - MEDICAL TOXICOLOGY	1	BIO/14	Caratterizzante / Farmacologia, tossicologia e principi di terapia medica	Obbligatorio
	508628 - MEDICAL GENETICS A	2	MED/03	Base / Discipline generali per la formazione del medico	Obbligatorio
506546 - CHILDHOOD AND WOMAN HEALTH		12			Obbligatorio
	Unità Didattiche				
	501909 - PAEDIATRIC SURGERY	1	MED/20	Caratterizzante / Discipline pediatriche	Obbligatorio
	501910 - CHILDHOOD NEUROPSYCHIATRY	1	MED/39	Caratterizzante / Discipline pediatriche	Obbligatorio
	501928 - GYNAECOLOGY AND OBSTETRICS	5	MED/40	Caratterizzante / Discipline ostetrico-ginecologiche, medicina della riproduzione e sessuologia medica	Obbligatorio
	502679 - GENERAL PAEDIATRICS	5	MED/38	Caratterizzante / Discipline pediatriche	Obbligatorio
506554 - GENERAL SURGERY I		11			Obbligatorio
	Unità Didattiche				
	501924 - EMERGENCY MEDICINE	2	MED/09	Caratterizzante / Emergenze medico-chirurgiche	Obbligatorio
	501925 - SURGICAL EMERGENCY	1	MED/18	Caratterizzante / Emergenze medico-chirurgiche	Obbligatorio
	501926 - INTENSIVE CARE	2	MED/41	Caratterizzante / Emergenze medico-chirurgiche	Obbligatorio
	502686 - SURGERY	6	MED/18	Caratterizzante / Clinica generale medica e chirurgica	Obbligatorio

506555 - GENERAL SURGERY II		6			Obbligatorio
	Unità Didattiche				
	501872 - ORTHOPAEDICS	2	MED/33	Caratterizzante / Clinica medico-chirurgica dell'apparato locomotore	Obbligatorio
	501873 - REHABILITATION	2	MED/34	Caratterizzante / Clinica medico-chirurgica dell'apparato locomotore	Obbligatorio
	501890 - PLASTIC AND RECONSTRUCTIVE SURGERY	2	MED/19	Caratterizzante / Clinica delle specialità medico-chirurgiche	Obbligatorio
510695 - 5th YEAR TRAINEESHIP 1		5	NN	Altro / Tirocini formativi e di orientamento	Obbligatorio
508998 - PRACTICAL EVALUATIVE TRAINEESHIP IN MEDICAL AREA		5	NN	Per stages e tirocini / Tirocinio pratico-valutativo TPV (15 CFU)	Obbligatorio
508999 - PRACTICAL EVALUATIVE TRAINEESHIP IN SURGICAL AREA		5	NN	Per stages e tirocini / Tirocinio pratico-valutativo TPV (15 CFU)	Obbligatorio
6° Anno (77 CFU)					
Attività Formativa		CFU	Settore	TAF/Ambito	Tipo insegnamento
506556 - CLINICAL MEDICINE		9			Obbligatorio
	Unità Didattiche				
	501921 - GERIATRICS	2	MED/09	Caratterizzante / Clinica generale medica e chirurgica	Obbligatorio
	502682 - INTERNAL MEDICINE A	3	MED/09	Caratterizzante / Clinica generale medica e chirurgica	Obbligatorio
	502683 - INTERNAL MEDICINE B	1	MED/09	Caratterizzante / Formazione clinica interdisciplinare e medicina basata sulle evidenze	Obbligatorio
	502690 - INTERNAL MEDICINE C	1	MED/11	Caratterizzante / Medicina delle attività motorie e del benessere	Obbligatorio
	504485 - FAMILY MEDICINE	2	MED/09	Caratterizzante / Clinica generale medica e chirurgica	Obbligatorio
511339 - ONCOLOGY AND IMAGING		6			Obbligatorio
	Unità Didattiche				
	501884 - RADIOLOGY	2	MED/36	Caratterizzante / Discipline radiologiche e radioterapiche	Obbligatorio
	501885 - RADIOTHERAPY	1	MED/36	Caratterizzante / Discipline radiologiche e radioterapiche	Obbligatorio
	501886 - NEURORADIOLOGY	1	MED/37	Caratterizzante / Discipline radiologiche e radioterapiche	Obbligatorio
	501887 - ONCOLOGY	2	MED/06	Caratterizzante / Discipline radiologiche e radioterapiche	Obbligatorio
510128 - PUBLIC HEALTH		10			Obbligatorio
	Unità Didattiche				
	501933 - FORENSIC MEDICINE	2	MED/43	Caratterizzante / Medicina e sanità pubblica e degli ambienti di lavoro e scienze medico legali	Obbligatorio
	506557 - OCCUPATIONAL MEDICINE	3	MED/44	Caratterizzante / Medicina e sanità pubblica e degli ambienti di lavoro e scienze medico legali	Obbligatorio
	506641 - HEALTH ECONOMICS	1	SECS-P/07	Caratterizzante / Scienze umane, politiche della salute e management sanitario	Obbligatorio
	510121 - HEALTH POLICY AND MANAGEMENT	2	MED/42	Caratterizzante / Fisiopatologia, metodologia clinica, propedeutica clinica e sistematica medico-chirurgica	Obbligatorio
	510122 - HEALTH POLICY AND MANAGEMENT A	1	MED/42	Caratterizzante / Medicina e sanità pubblica e degli ambienti di lavoro e scienze medico legali	Obbligatorio
	510123 - HEALTH POLICY AND MANAGEMENT B	1	MED/42	Caratterizzante / Scienze umane, politiche della salute e management sanitario	Obbligatorio

OPTIONAL TEACHING ACTIVITIES (OTA)		3		THE STUDENT MUST CHOOSE 8 CREDITS AMONG THE COURSES SUGGESTED DURING THE 6 YEARS OF THE COURSE	
510674 - APPROFONDIMENTI DI NEUROLOGIA: LA SCLEROSI MULTIPLA		1	MED/09	A scelta dello studente / A scelta dello studente	
510242 - CORSO AVANZATO DI ACUTE CARE SURGERY AND TRAUMA I (BASIC TRAUMA LIFE SUPPORT)		1	MED/18	A scelta dello studente / A scelta dello studente	
510243 - CORSO AVANZATO DI ACUTE CARE SURGERY AND TRAUMA II (LA SEPSI CHIRURGICA)		1	MED/18	A scelta dello studente / A scelta dello studente	
506560 - DEGREE THESIS		18	PROFIN_S	Lingua/Prova Finale / Per la prova finale	Obbligatorio
510696 - 6th YEAR TRAINEESHIP 1		5	NN	Altro / Tirocini formativi e di orientamento	Obbligatorio
510697 - 6th YEAR TRAINEESHIP 2		5	NN	Altro / Tirocini formativi e di orientamento	Obbligatorio
509000 - PRACTICAL EVALUATIVE TRAINEESHIP IN GENERAL PRACTICE		5	NN	Per stages e tirocini / Tirocinio pratico-valutativo TPV (15 CFU)	Obbligatorio
		8		FOREIGN STUDENTS WHO ARE NOT IN POSSESSION OF AN ITALIAN LANGUAGE CERTIFICATE AT B1 LEVEL, MUST CHOOSE THE ITALIAN LANGUAGE TEACHING AS AN ALTERNATIVE OF "STUDENTS PRESENTATION OF SCIENTIFIC PAPERS"	
510387 - LINGUA ITALIANA PER LA MEDICINA		8	L-FIL-LET/12	Altro / Ulteriori conoscenze linguistiche	
506562 - STUDENTS PRESENTATION OF SCIENTIFIC PAPERS		8	L-LIN/12	Altro / Ulteriori conoscenze linguistiche	