



UNIVERSITÀ DI PAVIA

Dipartimento di Scienze Clinico Chirurgiche, Diagnostiche e Pediatriche

Department of Clinical-Surgical, Diagnostic and Pediatric Sciences

Didactic regulations (art. 12 - D.M. 22 October 2004 n. 270)

**INTERNATIONAL INTER-UNIVERSITY MASTER'S DEGREE COURSE in
LIFELONG WELL-BEING AND HEALTHY AGING (LIFELINE)**

Entering class A.Y. 2025/2026

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FIRST PART-GENERAL PROVISIONS

Art. 1 - Name, class of affiliation, headquarters and period

1. The inter-university, international master's degree program in English in Lifelong well-being and Healthy aging (LIFELINE) is activated by the University of Pavia (by the Department of Clinical, Surgical, Diagnostic and Pediatric Sciences) with six European Universities. (University of Coimbra, University of Iași, University of Jena, University of Poitiers, University of Salamanca, University of Turku), members of the EC2U Alliance (EC2U Alliance) within the European Project European Campus of City-Universities (EC2U, Grant Agreement n.101004065-EC2U), core project of the European Union within the EPLUS2020AG action of the EPP-EUR-Topic UNIV-2020 of the ERASMUS + Program, coordinated by the University of Poitiers, to promote university education in Europe by establishing a European macro-campus of seven consortium universities.
2. The master's degree program belongs to the LM-9 class of master's degrees in medical, veterinary, and pharmaceutical biotechnologies, referred to MD of 16 March 2007.
3. The period of the master's degree course is two years and provides a six-month mobility of the student.

Art. 2 - Reference regulatory texts

1. In compliance with the freedom of teaching and the rights and duties of the teachers and the students, the educational organization, and the performance of the training activities for the international master's degree course are regulated by Supplement no. 4 to EC2U Consortium Agreement Establishment of Master Program (available at the following webpages: <https://clinico-chirurgiche.dip.unipv.it/it>, <https://lifeline.cdl.unipv.it/en>, <https://portale.unipv.it/it/didattica/corsi-di-laurea/corsi-di-laurea-magistrale/lifelong-well-being-andhealthy-aging>).
2. Students, who decide to attend a semester at the University of Pavia, the provisions of this text, the Statute of the University of Pavia, the General Regulations of the University are applied too (available at the webpage: <https://portale.unipv.it/it/ateneo/organizzazione/statuto-eregolamenti>), as well as the University Didactic Regulations, the Students Career Regulation (available at the page: <https://portale.unipv.it/it/ateneo/organizzazione/statuto-e-regolamenti>) and the Regulations of the Department of Clinical, Surgical, Diagnostic and Pediatric Sciences (available at http://dipclinchir.unipv.it/wp-content/uploads/2023/01/2016-04-27-DR-RegolamentoDip.to_.pdf).

Art. 3 - Institution accountable for didactic and organizational coordination

The international inter-university study program provides the following organizational structure:

- **The Global Academic Board**, composed of the representatives of the partner universities involved in the Master's Degree in Lifelong well-being and Healthy aging (LIFELINE). It coordinates and oversees the teaching activity and the quality of the course of study at European level.
- **The Supranational Quality Assurance Board** is responsible for the evaluation and the total monitoring of the standards of the Master's Degree Course and guarantees quality assurance at a global level. It is composed of representatives of the quality assurance management groups of the individual partner universities, to optimize and harmonize the monitoring and the possible revision of the course of study.
- **The Local Quality Assurance Boards / Local management groups for the Quality Assurance of the course of study**, where they are foreseen by the local quality assurance system. As regards the University of Pavia, the local management group for the QA will be composed of at least two teachers plus a delegated student, with the following tasks: periodic

monitoring of the quality of the course of study by examining the indicators provided by the the university and the Ministry and also the assessments on teaching expressed by students through the compilation of questionnaires; possible revision of the path, in agreement with the partners if the need emerges; steady attention to any problems that may be brought to his attention by the student component.

- **Global Admission Committee** at the supranational level: guarantees the admission process of students according to the provisions of the admission notice. The Admission Commission is composed of at least one representative of each partner university involved in the master program.

In compliance with the competences and criteria defined by the Regulations indicated in art. 2, the collegiate institution, that at the University level, has formally the didactic responsibility at the local level of the course of study, and will take the relative outcomes in line with the indications provided by the local management group for the QA and by the Global Academic Board is the Board of the Department of Clinical Surgical, Diagnostic and Pediatric Sciences. The teacher in charge of the study program is nominally indicated in the SUA form (<https://gestionedidattica.unipv.it/index.php/archivio/schedesua>).

Art. 4 - Administrative reference services

All the Universities of the Alliance have administrative services that deal with the orientation, admission and career management of students enrolled in the international master's degree course. The following services are available at the University of Pavia:

- the ADMISSION OFFICE Complex Organizational Unit (U.O.C.) manages, through the Dream Apply platform, the applications, pre-assessment of qualifications and enrollments of international students (web page: <https://portale.unipv.it/it/didattica/corsi-di-laurea/ammissioni/iscriversi-ad-un-corsodi-studio-con-titolo-conseguito-allesterio>);
- The U.O.C. International Mobility of the International Relations Service deals with the management of student mobility (<https://internazionale.unipv.eu/it/>);
- the U.O.C. STUDENT CAREER MANAGEMENT deals with all activities related to the career of students, from the organization and publication of forms to the updating and monitoring of the careers. It also provides support to students in solving problems related to their university career (web page: <https://portale.unipv.it/it/contatti-utili>);
- The University Service Center CENTER FOR GLOBAL STRATEGIC ENGAGEMENT (GLOBEC) promotes and supports the implementation of the University's internationalization strategy, strengthening its international profile and spreading a global dimension of the activities and services that are proposed. It ensures the development of relations and agreements with foreign universities, the management of strategic partnerships and networks, the development of international inter-university cooperation projects and the creation of innovative international mobility programs (web page: <https://internazionale.unipv.eu/it/globec/>);
- The Orientation Center (C.OR.) manages activities and projects to help students determine university studies, to support the student's career, and to facilitate access to the work's world. For this purpose It organizes collective and individual actions, consultancy services, orientation meetings. The site of the C.OR. can be consulted on the page: <https://portale.unipv.it/it/contattiutili>.

The master's degree course in Lifelong well-being and healthy aging (LIFELINE) uses the administrative support of the Teaching Secretariat of the President's Office of the Faculty of Medicine and Surgery of the University of Pavia with specific staff selected to provide information to students regarding the teaching offer and the various administrative practices related to resolutions and recognition of ECTS / CFU.

The University also has the WELCOME OFFICE (<http://gopa.unipv.it/>) as a reception point for students. Future freshmen, enrolled students and graduate students are provided with information relating to the educational offer, student career, teaching activities, the right to study, and guidance.

SECOND PART – DIDACTIC ACTIVITIES' ARRANGEMENT

Art. 5 - Single Yearly form of the Degree Course

The Single Annual Study Program form is taken from the ministerial database that is available on <https://gestionedidattica.unipv.it/index.php/archivio/schedesua>.

Art. 6 - Admission requirements

1. To be admitted to the Master's Degree course, the student must have a degree (including the one obtained in accordance with the system prior to Ministerial Decree 509/1999 and the following modifications and additions) or a three-year university degree, or other educational qualification acquired abroad, released by a higher education institution that belongs to a member state of the European Higher Education Area, that gives the right to permit the access to the Master's Degree courses in a specific partner country. Graduates from educational systems outside the European Higher Education Area may be admitted too. If they had an analogous university qualification.
2. For the admission are also required the possession of curricular requirements and the adequacy of the student's initial preparation. The curricular requirements for immediate enrollment are the three-year degree, completed in Italy, in one of the following classes correlated to DM 270/2004: L-2 Biotechnology, L-13 Biological Sciences, LM-13 Pharmacy and Industrial Pharmacy (including the single-cycle degree in Chemistry and Pharmaceutical Technologies), LM-41 Medicine and Surgery and the corresponding classes pursuant to Ministerial Decree 509/1999.
3. Correspondence with the previous classes will be evaluated for graduate students in possession of a foreign qualification.
4. In the circumstance that the student did not graduate in one of the previous classes, the curricular requirements are considered satisfied anyway if the student achieved a minimum number of credits in the following SSDs as reported:
 - Minimum 10 CFU in mathematics, physics, computer science and statistics corresponding to the following disciplinary scientific sectors: from FIS / 01 to FIS / 08, from MAT / 01 to MAT / 09, INF / 01, MED / 01, SECS-S / 01 , SECS-S / 02;
 - At Least 10 credits in the chemical and biological disciplines conforming to the following disciplinary scientific sectors: CHIM / 01, CHIM / 02, CHIM / 03, CHIM / 06, BIO / 01, BIO / 10, BIO / 11, BIO / 13, BIO / 17 , BIO / 18, BIO / 19;
 - At Least 20 CFU in biotechnological disciplines corresponding to the following scientific disciplinary sectors: from BIO / 01 to BIO / 07, from BIO / 12 to BIO / 19, from CHIM / 01 to CHIM / 05, from CHIM / 08 to CHIM / 11, MED / 03, MED / 04, MED / 05, MED / 07, MED / 09, MED / 13, MED / 15, MED / 42.
5. Moreover it is required a certified knowledge that can't be below the B2 level of the Common European Framework
6. Admission implies a selection whose contents and methods are described in the definite admission notice, that will be advertised on the EC2U website (<https://ec2u.eu/>), at the page: <https://portale.unipv.it/it/didattica/corsi-di-laurea/corsi-di-laurea-magistrale/lifelong-well-being-andhealthy-aging>. Students can apply through the following portal: <https://apply.unipv.eu/>.
7. All valid applications will be jointly examined by the Global Admission Committee.
8. For admission, the student must submit the university degree and the certificate of the Transcript of records, the English language proficiency certificates, and the curriculum vitae. Supplementary documents may be required according to the national regulations of the Alliance universities (as detailed in the admission call). The Global Admission Committee will examine the applications based on the documents presented and through a motivational

interview and, according to the criteria established by Supplement no. 4 to EC2U Consortium Agreement Establishment of Master Program, will formulate a ranking to cover the number of places.

9. Admitted students, enrolled at the University, will take part in the lesson in the first semester in accordance with the University regulations. Students will be automatically enrolled in all other universities where they spend a semester of study for the period of the master's degree (University of the Second Semester, University of the Third Semester and University of the Fourth Semester) too. Enrollment must be according to the national legal requirements for the release of Multiple Master's Degrees. Please note the paragraph 10.2 of Supplement no. 4 to EC2U for anything not expressly furnished in this Regulation.

Art. 7 - Didactic organization

1. The courses in the study plan are proportionate with **ECTS credits (or CFU)**, that reflects the volume of learning, based on learning results and the related workload. 60 ECTS / CFU credits refer to the learning results and related workload of a full-time academic year.
2. The training course jointly formulated by the seven EC2U partner universities encompasses 120 CFU / ECTS divided into **30 CFU / ECTS per semester**, for a total of four semesters. Each semester includes courses in characterizing and related disciplinary sectors with a variable number of CFU / ECTS for a total of 30. The thematic areas may include more courses. The training course can follow two directions that include courses more oriented to the research in the biomedical and biostatistics field (HEALTHCARE track) or courses more oriented to the management of well-being and safety (WELFARE track) with common elements on the psycho-social side. The educational activities furnished in the master's degree program have the purpose to build cultural bridges between determinants of well-being and aging, apparently distant, to the student's creative process.

HEALTHCARE track:

- Semester 1 (Alexandru Ioan Cuza University of Iasi)

18 CFU / ECTS Health and Well-being across life span (obligatory courses that include the 3 CFU of the other activities, common to both paths)

12 CFU / ECTS Courses Freely chosen

- Semester 2 (University of Salamanca)

18 CFU / ECTS Cancer and neurodegeneration in aging (obligatory courses)

12 CFU / ECTS Genetics and genomics of cancer (obligatory courses)

- Semester 3 (University of Pavia)

15 CFU / ECTS Aging: from basic to treatment (obligatory courses)

15 CFU / ECTS Risk management and geosciences (obligatory courses)

- Semester 4 (The University is chosen by the student among the 7 Universities)

30 CFU / ECTS Research and writing of the thesis in co-supervision

WELFARE track:

- Semester 1 (Alexandru Ioan Cuza University of Iasi)

18 CFU / ECTS Health and Well-being across life span (obligatory courses that include the 3 CFU of the other activities, common to both paths)

12 CFU / ECTS Free choice courses

• Semester 2 (the student can choose between University a) or b)

a) University of Turku

30 CFU / ECTS Instruments and digital management in Health care (obligatory courses)

Or

b) Alexandru Ioan Cuza University of Iasi

30 CFU / ECTS Well-being in aging: from research to practice (obligatory courses) •

Semester 3 (or student can choose between University a), b) or c)

a) Coimbra University

30 CFU / ECTS Aging and Environment (obligatory courses)

Or

b) Friedrich Schiller University of Jena

10 CFU / ECTS Fundamental Knowledge of work and organizational psychology (obligatory courses)

10 CFU / ECTS Organizational health and safety (obligatory courses)

10 CFU / ECTS Medicine and Science in Sports and Exercise (obligatory courses)

Or

c) University of Poitiers

15 CFU / ECTS Basics in motor function and physical activity during aging (obligatory courses)

15 CFU / ECTS Methodology, techniques and Data Analysis (obligatory courses)

• Semester 4 (University chosen by the student among the 7 Universities, as long as he has not already completed two semesters in that university)

30 CFU / ECTS Research and writing of the thesis in co-supervision

3. In the first semester, the common headquarters for all students enrolled in the CDS is the University of Alexandru Ioan Cuza in Iasi. In the second semester, the student can choose the University of Salamanca, Turku, or Iasi, and in the third semester, the University of Coimbra, Jena, Pavia or Poitiers. In the fourth semester, the student is free to go to the university that he wishes, if he has not already attended two semesters there. The fourth semester is devoted to research, the thesis internship, and the writing of the experimental thesis in joint co-tutoring mode. Student mobility will be jointly managed by the Consortium institutions.
4. The didactic organization of the courses (didactic calendar, periods and times of lessons, exam sessions, etc.) may change in detail according to the University that it offers them Each university will publish the relevant information on the following web pages:
- 5.

Universities	Links
University of Coimbra	https://www.uc.pt/academicos/regulamentos/calendario
University Alexandra Ioan Cusa of Iasi	https://www.uaic.ro/en/
University Friedrich Schiller of Jena	https://www.uni-jena.de/Semestertermine

University of Pavia	Academic calendar: https://portale.unipv.it/en/education/corsi-dilaurea/study Academic year teaching calendar: https://lifeline.cdl.unipv.it/en Teaching information: https://lifeline.cdl.unipv.it/en Information about the timetable of the lessons: https://lifeline.cdl.unipv.it/en University information: http://wcm-3.unipv.it/site/en/home.html
University of Poitiers	https://www.univ-poitiers.fr/choisir-luniversite/organisation/calendrier-universitaire/
University of Salamanca	https://www.usal.es/calendario-academico-usal
University of Turku	https://www.utu.fi/en/study-at-utu/academic-matters

Each University will manage the provision of training activities and exam sessions in accordance with its own Regulations available at the following links:

Universities	Links
University of Coimbra	https://www.uc.pt/fduc/estudantes/regulamentos/
University Alexandra Ioan Cusa of Iasi	https://www.uaic.ro/studenti/regulamente/
University Friedrich Schiller of Jena	https://www.hanfried.uni-jena.de/?medialist=vhbmedia%7Cde%7C1104&medialist_pat h=1%7C1101#block_body_1
University of Pavia	Didactic regulation: https://web-en.unipv.it/info-for/accademic-regulations/ (EN version) https://portale.unipv.it/it/ateneo/organizzazione/statuto-e-regolamenti (IT version) Regulation of the students career: https://portale.unipv.it/it/ateneo/organizzazione/statutoe-regolamenti
University of Poitiers	https://ll.univ-poitiers.fr/accueil/examens/ , https://sha.univ-poitiers.fr/espace-etudiant/scolarité/examens
University of Salamanca	https://www.usal.es/usar_normativa_repositorio
University of Turku	https://www.utu.fi/en/university

Art. 8 - Study plans

The study plan describes the complete academic program the student intends to follow (University of the first semester, University of the second semester, University of the third semester and University of the fourth semester).

1. The standard study plan is the set of educational activities (obligatory, optional, and free choice), with possible qualifications, that the student is required to follow in order to achieve the multiple degree (from a minimum of two to a maximum of four qualifications relying on mobility). The standard study plan of the inter-university international master's degree course is represented by the training activities provided for the cohort of students (**see Annex 1**).
2. The student, who plans to follow a different training path than that offered in the standard study plan, may submit an individual study plan that must be in concordance with rules and restrictions on mobility set out in art. 7.

3. The individual study plan, that provides for a number of CFU / ECTS not below that required for the achievement of the multiple degree, is valid and can be approved if it is in harmony with the regulations and legislations of the universities of the Alliance. As regards the University of Pavia, it will be worth the constraints established by the class of the degree program and by the teaching system.
4. EU students and NON-EU students residing regularly in Italy who graduated abroad must attend an Italian language course at B1 level in the frame of “additional linguistic skills”. Exemptions: 1) students who obtained a diploma in an Italian high school or a bachelor’s degree of level 1 in Italy; 2) students who graduated abroad in an Italian school; 3) students having an Italian language proficiency certificate at B1 level.

Art. 9 - Achievement of multiple titles

1. The student, after completing the course of study with success, he will receive a Master's Degree in Lifelong well-being and healthy aging (LIFELINE) from each of the Universities of the EC2U Alliance, where he has acquired at least 30 CFU / ECTS and anyway he has respected the national minimum academic requirements. The Diplomas will be released on the condition that the course of study has acquired national accreditation and will be registered according to national / local regulations. The student receives 2, 3 or 4 Diplomas according to the number of universities where he has achieved the minimum national academic requirements.
2. In addition to the multilateral diplomas, each student can request a Transcript of records (ToR) that lists the courses that the student has followed, the exams passed and the credits acquired, and can request the Diploma Supplement, that presents the details of the student’s academic program and academic achievements converted into a common assessment system following the model developed by the European Commission, the Council of Europe and UNESCO / CEPES and conformed to any further specification, in national law, where applicable.

Art. 10 - Attendance and preparatory obligations

1. There are no plans about special procedures to check the frequency, with the exception implied in the next paragraph, that it is suggested anyway.
2. There are no prerequisites. Any prerequisites will be specified in the course programs (provided both by the University of Pavia and by the other Universities of the Alliance) available on the website <http://www-med.unipv.it/>.

Art. 11 - Electives

1. The study plan provides for the insertion of 12 CFU / ECTS, free/choice in the first semester (referred to in Article 10, paragraph 5.a, Ministerial Decree 270/2004 - so-called "TAF D"). Students are free to choose between the set of courses proposed globally by several universities, specified in the study plan.
2. 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 - Internship and training

1. The Degree Program does not propose internship and training activities other than those planned during the thesis internship period described in the following article 14.

Art. 13 - Exams and final assessments of profit

1. All courses are weighted depending on the ECTS / CFU system and in compliance with national regulations. Considering the inter-university and international nature of the course of study, the Partner Universities accept the distinctions between national regulations considering

the allocation of ECTS credits and recognize the number of ECTS credits awarded by the Alliance Universities for the course of study without further conversion.

2. The performance of the exams occurs on the basis of the existing regulations at the University of the Alliance that provides the teaching. Each partner University gives marks established on its own evaluation system.
3. The evaluation methods and criteria, the grade, the grade conversion table, access to information on grades, replies and revaluations, incorrect practices and fraud are managed by each partner University in accordance with common rules and in compliance with local legislation. More information available at the following links:

Universities	Links
University of Coimbra	<p>The assessment of the Athenaeum exams is expressed on a scale from 0 to 20, the minimum grade is 10/20 and the maximum grade is 20/20.</p> <p>The minimum grade is 10/20 and the maximum grade is 20/20. To the maximum grade (20 cum laude) can be added the "com laude". The degree assessment is expressed on a scale from 10 to 20, the minimum grade is 10/20 and the maximum grade is 20/20. The calculation of the final grade of each candidate considers the average of the grades achieved in the examinations, as well as the quality of the research.</p> <p>https://www.uc.pt/en/ects/info_inst/m</p> <p>a Other regulations: https://www.uc.pt/regulamentos/ga/vigentes/Regulamento_805_A_2020_24_09_RA_UC and https://www.uc.pt/fluc/regulamentos_normas/docspdf/regulamento_avaliacao_FLUC.pdf</p>
University Ioan Cuza of Iasi	<p>The assessment of the Athenaeum exams is expressed on a scale from 0 to 10, the minimum grade is 5/10 and the maximum grade is 10/10. "Com laude" can be added to the maximum grade (10 cum laude). Graduation grade is expressed on a scale of 5 to 10, The minimum grade is 5/10 and the maximum grade is 10/10. The calculation of the final grade of each candidate takes into account the average of the grades achieved in the examinations, as well as the quality of the master's thesis.</p> <p>https://www.uaic.ro/en/international/erasmus-programme/erasmus-incomingstudents/romanian-grading-scale/</p> <p>Other regulations: https://www.uaic.ro/studenti/regulamente/</p>
University Friedrich Schiller of Jena	<p>The assessment of the Ateneo examinations is expressed on a scale of 6 to 1, the minimum grade is 4 and the maximum grade is 1. The assessment of the degree is expressed on a scale of 4 to 1, the minimum grade is 4 and the maximum grade is 1. The calculation of each candidate's final grade considers the average of the marks achieved in the examinations, as well as the quality of the thesis of the master's degree.</p> <p>Other regulations: https://www.hanfried.uni-jena.de/?medialist=vhbmedia%7Cde%7C1104&medialist_path=1%7C1101#block_body</p>
University of Pavia	<p>The assessment of the University exams is expressed on a scale from 0 to 30, the minimum grade is 18/30 and the maximum grade is 18/30.</p> <p>The minimum grade is 18/30 and the maximum grade is 30/30. To the maximum grade (30 cum laude) can be added the "com laude". The assessment of the degree is expressed on a scale from 0 to 110, the minimum grade is 66/110 and the maximum grade is 110/110. The calculation of the final grade of each candidate considers the average of the grades achieved in the examinations, as well as the quality of the research work or final thesis discussed publicly in front of a graduate committee. The honors (110 cum laude) may be added to the maximum grade if unanimously decided</p>

	<p>by the Degree Committee. More information on how to register for the exam and the degree:</p> <p>https://portale.unipv.it/it/didattica/corsi-di-laurea/studiare/faq-domande-frequenti-studenti-iscritti/faq-prenotazione-appelli (IT)</p> <p>https://en.unipv.it/en/education/bachelors-and-masters-degree-programs/attend-your-program/study-and-exams (EN)</p> <p>https://portale.unipv.it/it/didattica/corsi-di-laurea/studiare/laurearsi (IT)</p> <p>https://en.unipv.it/en/education/bachelors-and-masters-degree-programs/attend-your-program/study-and-exams (EN)</p>
University of Poitiers	<p>University of Poitiers The assessment of the University exams is expressed on a scale from 0 to 20, the minimum grade is 10/20 and the maximum grade is 10/20 the minimum grade is 10/20 and the maximum grade is 20/20. The assessment of the degree is expressed on a scale from 10 to 20, the minimum grade is 10/20 and the maximum grade is 20/20.</p> <p>The calculation of the final grade of each candidate takes into account the average of the grades achieved in the exams, as well as the quality of the research.</p> <p>Other Regulations:</p> <p>https://ll.univ-poitiers.fr/accueil/examens/</p> <p>https://sha.univ-poitiers.fr/espace-etudiant/scolarite/examens</p>
University of Salamanca	<p>The assessment of the University exams is expressed on a scale from 0 to 10, the minimum grade is 5/10 and the maximum grade is 10/10.</p> <p>"Com laude" may be added to the maximum grade (10 with honors). Graduation grade is expressed on a scale of 0-4, the the minimum grade is 1/4 and the maximum grade is 4/4. The calculation of the final grade for each candidate takes into account the average of the grade achieved in the examinations, as well as the quality of the research work or final thesis publicly discussed in front of a committee.</p> <p>https://www.usal.es/que-equivale-el-credito-ects</p> <p>http://bocyl.jcyl.es/boletines/2019/04/16/pdf/BOCYL-D-16042019- 23.pdf</p>
University of Turku	<p>The assessment of the Ateneo examinations is expressed on a scale from 0 to 5, the minimum grade is 0 and the maximum grade is 0.</p> <p>Graduation evaluation is expressed on a scale scale from 1 to 5, the minimum grade is 1 and the maximum grade is 5. The calculation of the final grade of each candidate takes into account the average of the grades achieved in the examinations, as well as the quality of the master's thesis.</p> <p>https://www.utu.fi/en/study-at-utu/academic-matters</p> <p>Other regulations: www.utu.fi/sites/default/files/public%3A//media/file/UTU-regulation-onstudies.pdf</p>

- The exams can be written and / or oral form, in the way that the teacher considers most suitable to validate learning. It is recommendable to request students to give an oral presentation of written papers previously prepared on topics agreed with the teacher.
- For each course, an information paper has been prepared that contains all the information connected to the number of hours of teaching activity, the number of CFU / ECTS, the timing, the contents, the bibliography, the learning assessment method. This information will be published on the web page for the master's degree on the EC2U European Alliance portal (<http://www.ec2u.eu>) and on the websites of the various consortium universities, for the

University of Pavia are: the website of the Master's Degree in Lifelong well-being and healthy aging (LIFELINE): <https://lifeline.cdl.unipv.it/en>

The general catalogue for university courses is available at: <https://unipv.coursecatalogue.cineca.it/cerca-insegnamenti>

Art. 14 - Final exam and achievement of the multiple degree

1. The multiple degree is awarded after overcoming a final test, that has the aim to verify the accomplishment of the educational objectives of the master's degree course.
2. For The final exam the student can access it after having earned at least 90 CFU / ECTS; it provides for the acquisition of another 30 CFU / ECTS. The thesis work consists in the accurate and rigorous elaboration by the student of an original written dissertation that has the purpose both for the topic assigned and for the working methods applied, to achieve advanced results in the research field. The topic of the thesis must be consistent with the two-year course of study. The thesis will be a form of bilateral or multi-bilateral supervision between at least two Professors of two different Consortium Institutions. The selection of Speakers is made by the student between a professor of the University of the fourth semester (1st speaker) and one or more teachers implicated in the master's degree course (2nd or 3rd speaker). Students can consult the thesis with other specialists and may decide to publish the thesis online with the previous authorization of the supervisors.
3. Students can choose between a research thesis and a more professional thesis, that result from internships in research and professional environments, to be selected with private and public, local and national agencies / organizations in the fields of: administration, research centers, health care and social, health and well-being, citizen organizations and other recognized organizations, agreed with the supervisors, according to the Consortium institutions.
4. The thesis must be written in English and must comply with the requirements of the course and the rules of the University of the fourth semester.
5. Each student who finishes with success the Course will receive a Multilateral Master's Degree Diploma given by all the Consortium Institutions where the student has achieved the minimum national academic requirements. Diplomas will be given and registered according to national / local regulations.

THIRD PART - provisions relating to the career of students

Art. 15 - Criteria for the recognition of duly certified extra-university knowledge and skills The In accordance with the current legislation (DM No. 931 of the 4th July 2024), the Department Council, with its own resolution subject to the opinion of the referring professor and at the request of the student, and for a maximum of 24 ECTS credits in total over the five-year period, i.e. three and two years (art. 14 of Law No. 240/2010 and subsequent amendments), can validate:

- a) knowledge and professional skills individually certified in accordance with current legislation on the subject;
- b) other knowledge and skills developed in post-secondary level training activities that a University has taken part in the design and implementation.

The recognition must be made exclusively based on the skills demonstrated by each student, so the Department Council will examine from time to time the possible opportunity to make a consultation with the students to verify, in front of a specific commission, the congruence between the credits of which need validation and the knowledge and skills that they actually have.

The Department Council can validate, for a maximum of 6 credits, the performance of sports activities certified by the competent authorities (the CUS Pavia), in the following terms:

- Sport practiced at Olympic and Paralympic, world and European level: up to 6 CFU;
- Sport practiced at Italian level and intermediate categories: up to 3 CFU;
- Qualification in the "medal zone" at the University Championship, so the performance of competitive activities for the sections of the CUS Pavia, in the context of competitions at regional and national level too: up to 6 CFU.

It is granted to High-level student-athletes the opportunity to agree with the teachers ad hoc appeals in the episode of concurrent sporting commitments (competitions, training and related travel).

Art. 16 - Criteria for the recognition of the credits acquired

1. The Department Council, upon request submitted by the student (in accordance with the procedures and times provided for in the regulations in force) and after reviewing the relevant documentation, decides on the recognition of the credits acquired:
 - a) in the circumstance of enrollment in single courses
 - b) in the circumstance of transfer from another university, transition from another study course or performance of parts of educational activities in another Italian or foreign university
 - c) in the circumstance of a transfer or passage of the student between courses of study in the same class (in this circumstance, the number of credits relating to the same scientific disciplinary sector directly awarded to the student can not be less than 50% of those already awarded)
 - d) in the circumstance of a career made by a student who has already completed a degree at the University or in another Italian or foreign university and who requests, at the same time as enrolling, the abbreviation of studies
 - e) in the circumstance to have supernumerary credits (compared to 180 under the law), acquired in the first level degree course (at the University or at another Italian or foreign university)
 - f) in the case of educational activities carried out at Italian or foreign universities with which agreements or conventions have been established (such as Erasmus programs or other exchange programs).
2. The Department Council, on the basis of the recognized credits, will decide on the possible shortening of the course.
3. It is not defined as a period of time validity of the credits acquired within the study courses. Credits acquired, in previous careers, by students who have lost their student status (for giving up on their studies or for not having taken exams for the number of consecutive years required for by the law in relation to the type of study course) can be validated with a specific resolution of the Department Council if the Department recognizes the non-obsolescence of the related training contents.

Art. 17 - Admission to the following years

In the circumstance of transfers, passages, acknowledgments (referred to in art. 16), a minimum of 60 validated CFU / ECTS is required for enrollment in the second year of the course. The obligation remains to comply with the two mobilities in the second year of the course.

Art. 18 - Certifications

Language certifications are required only for admission to the master's degree course as illustrated in art. 6 paragraph 3 of this document.



UNIVERSITÀ DI PAVIA

FACOLTA' DI MEDICINA E CHIRURGIA

DIPARTIMENTO DI SCIENZE CLINICHE CHIRURGICHE E PEDIATRICHE

LM-9 - Classe delle lauree magistrali in Biotecnologie mediche, veterinaria e farmaceutiche

Corso di Studio: 04425 - LIFELONG WELL-BEING AND HEALTHY AGING (LIFELINE)

Ordinamento: 2025/2026 - Regolamento: 2025/2026

Percorso: 01 - HEALTH

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

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

1° Anno (60 CFU)

Attività Formativa		CFU	Settore	TAF/Ambito	Tipo insegnamento
509864 - ETHICS AND ACADEMIC INTEGRITY		5	BIO/18	Caratterizzante / Discipline biotecnologiche comuni	Obbligatorio
509910 - GENES, GENOMICS AND CANCER		6			Obbligatorio
	Unità Didattiche				
	509911 - BIOINFORMATICS AND COMPUTATIONAL GENOMICS IN CANCER RESEARCH	3	ING-INF/06	Caratterizzante / Discipline di base applicate alle biotecnologie	Obbligatorio
	509916 - MOLECULAR BASES OF TUMORAL VARIABILITY: MODIFIER GENES OF THE SUSCEPTIBILITY AND EVOLUTION OF CANCER	3	MED/04	Caratterizzante / Discipline biotecnologiche comuni	Obbligatorio
509873 - HEALTH AND WELL-BEING ACROSS THE LIFESPAN AND DURING AGING		10			Obbligatorio
	Unità Didattiche				
	509874 - LIFE-COURSE APPROACH AND LIFELONG WELL - BEING	4	M-PSI/05	Caratterizzante / Scienze umane e politiche pubbliche	Obbligatorio
	509875 - DEMOGRAPHY AND PUBLIC HEALTH	6	SECS-S/04	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
509917 - INNOVATIVE APPROACHES TO CANCER AND NEURODEGENERATION		9			Obbligatorio
	Unità Didattiche				
	509918 - ADVANCES IN NEUROLOGY AND NEUROPSYCHOLOGY: NEURODEGENERATIVE DISEASES	6	MED/04	Caratterizzante / Discipline biotecnologiche comuni	Obbligatorio
	509919 - ANTI-TUMOR IMMUNOTHERAPY: FROM BIOLOGY TO CLINICAL APPLICATIONS	3	MED/04	Caratterizzante / Discipline biotecnologiche comuni	Obbligatorio
509912 - THE ROOTS OF TUMOR DISEASE		9			Obbligatorio
	Unità Didattiche				
	511479 - TUMOR MICROENVIRONMENT. THERAPEUTIC STRATEGIES BASED ON ITS MODULATION	3	BIO/09	Caratterizzante / Discipline biotecnologiche comuni	Obbligatorio
	511478 - INTRODUCTION TO MOLECULAR BIOLOGY OF CANCER AND PHARMACOLOGICAL TREATMENT	6	BIO/10	Caratterizzante / Discipline biotecnologiche comuni	Obbligatorio
511480 - REGULATION AND INTEGRATION OF METABOLISM		3	BIO/10	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
511481 - COMMUNICATION STRATEGIES FOR CANCER RESEARCH		3	MED/06	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio

INSEGNAMENTI A SCELTA DELLO STUDENTE		12		THE FIRST-YEAR STUDENT MUST CHOOSE 12 CREDITS AMONG THE ELECTIVES REPORTED BELOW AND/OR INCLUDED IN THE UNIVERSITY'S EDUCATIONAL OFFER, IN COHERENCE WITH THE CHOSEN STUDY PATH	
509879 - APPLIED SKILLS FOR HEALTHY AGEING IN PLACE		6	M-PSI/02	A scelta dello studente / A scelta dello studente	
509876 - INTERNATIONAL LAW FOR SUSTAINABLE DEVELOPMENT. HEALTH AND WELL- BEING		6	IUS/14	A scelta dello studente / A scelta dello studente	
509877 - SELF MANAGEMENT IN NON-COMMUNICABLE DISEASES		6	SPS/08	A scelta dello studente / A scelta dello studente	
509878 - STRESS MANAGEMENT		6	M-PSI/05	A scelta dello studente / A scelta dello studente	
504725 - OTHER ACTIVITIES		3	NN	Altro / Altre conoscenze utili per l'inserimento nel mondo del lavoro	In alternativa a 509536
2° Anno (60 CFU)					
Attività Formativa		CFU	Settore	TAF/Ambito	Tipo insegnamento
509923 - HEALTH MANAGEMENT & GEROSCIENCE		15			Obbligatorio
	Unità Didattiche				
	504284 - RISK MANAGEMENT	3	SECS-S/01	Caratterizzante / Discipline di base applicate alle biotecnologie	Obbligatorio
	507909 - BIG DATA ANALYSIS	3	SECS-S/01	Caratterizzante / Discipline di base applicate alle biotecnologie	Obbligatorio
	509930 - SURGICAL APPLICATION OF BIOTECHNOLOGIES	1	MED/31	Caratterizzante / Discipline medico-chirurgiche e riproduzione umana	Obbligatorio
	509931 - TRANSGENERATIONAL MEDICINE AND GENDERED AGING	2	MED/40	Caratterizzante / Discipline medico-chirurgiche e riproduzione umana	Obbligatorio
	509932 - GEROSCIENCE: THE INTERSECTION OF BASIC AGING BIOLOGY, CHRONIC DISEASES AND LIFE-STYLE MEDICINE FOR SUSTAINABLE HEALTH	2	MED/49	Caratterizzante / Discipline medico-chirurgiche e riproduzione umana	Obbligatorio
	509934 - FROM MOTHER WOMB TO ADOLESCENCE: HOW WE BUILD UP OUR FUTURE HEALTH AN WELL-BEING	1	MED/38	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
	510699 - HEALTH RISK MANAGEMENT	3	SECS-S/01	Caratterizzante / Discipline di base applicate alle biotecnologie	Obbligatorio
509921 - MEDICAL AND PHARMACEUTICAL APPLICATIONS TO WELL-BEING		6			Obbligatorio
	Unità Didattiche				
	509929 - CLINICAL APPLICATIONS OF BIOTECHNOLOGIES	3	MED/09	Caratterizzante / Discipline medico-chirurgiche e riproduzione umana	Obbligatorio
	509933 - NOVEL DRUG DESIGN AND PREPARATIONS	2	CHIM/08	Caratterizzante / Discipline farmaceutiche	Obbligatorio
	510947 - COMPUTATIONAL CHEMISTRY AND BIOLOGY IN AGING	1	CHIM/06	Caratterizzante / Discipline di base applicate alle biotecnologie	Obbligatorio
509925 - MORPHO-FUNCTIONAL BASIS AND REGENERATIVE MEDICINE		9			Obbligatorio
	Unità Didattiche				
	509926 - EXPERIMENTAL AND APPLIED HISTOLOGY: TISSUE ENGINEERING AND REGENERATIVE MEDICINE	3	BIO/17	Caratterizzante / Morfologia, funzione e patologia delle cellule e degli organismi complessi	Obbligatorio
	509927 - PHYSIOLOGY OF AGEING	3	BIO/09	Caratterizzante / Discipline biotecnologiche comuni	Obbligatorio
	509928 - BIOLOGY OF AGING: FROM BASIC SCIENCE TO CLINICAL IMPLICATIONS	3	BIO/10	Caratterizzante / Discipline biotecnologiche comuni	Obbligatorio
509536 - ITALIAN LANGUAGE FOR FOREIGN STUDENTS		3	NN	Altro / Ulteriori conoscenze linguistiche	In alternativa a 504725
509901 - DISSERTATION		30	PROFIN_S	Lingua/Prova Finale / Per la prova finale	Obbligatorio



UNIVERSITÀ DI PAVIA

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DIPARTIMENTO DI SCIENZE CLINICHE CHIRURGICHE E PEDIATRICHE

LM-9 - Classe delle lauree magistrali in Biotecnologie mediche, veterinaria e farmaceutiche

Corso di Studio: 04425 - LIFELONG WELL-BEING AND HEALTHY AGING (LIFELINE)

Ordinamento: 2025/2026 - Regolamento: 2025/2026

Percorso: 02 - WELFARE

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

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

1° Anno (60 CFU)

Attività Formativa		CFU	Settore	TAF/Ambito	Tipo insegnamento	
509865 - BEHAVIOR HEALTH RISK AND WELLNESS		11				
	Unità Didattiche					
	509866 - BEHAVIOR AND HEALTH RISK	6	BIO/18	Caratterizzante / Discipline biotecnologiche comuni	OPZIONALE	IASI
	509872 - WELLNESS AND SMART AGEING	5	MED/42	Caratterizzante / Medicina di laboratorio e diagnostica	OPZIONALE	IASI
509860 - DESIGNING INSTRUMENTS FOR A HEALTHY LIFE		15				
	Unità Didattiche					
	509861 - ORIENTATION AND DEFINITION OF AN INSTRUMENT	5	BIO/10	Caratterizzante / Discipline biotecnologiche comuni	OPZIONALE	TURKU
	509862 - PROCESS OF INSTRUMENT DEVELOPMENT AND EVALUATING EXISTING INSTRUMENTS	10	BIO/10	Caratterizzante / Discipline biotecnologiche comuni	OPZIONALE	TURKU
511655 - DIGITALISATION SUPPORTING MANAGEMENT AND LEADERSHIP IN HEALTHCARE		5	MED/42	Caratterizzante / Medicina di laboratorio e diagnostica	OPZIONALE	TURKU
509864 - ETHICS AND ACADEMIC INTEGRITY		5	BIO/18	Caratterizzante / Discipline biotecnologiche comuni	Obbligatorio	
509873 - HEALTH AND WELL-BEING ACROSS THE LIFESPAN AND DURING AGING		10			Obbligatorio	
	Unità Didattiche					
	509874 - LIFE-COURSE APPROACH AND LIFELONG WELL - BEING	4	M-PSI/05	Caratterizzante / Scienze umane e politiche pubbliche	Obbligatorio	
	509875 - DEMOGRAPHY AND PUBLIC HEALTH	6	SECS-S/04	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio	
509863 - PROCESS OF INSTRUMENT IMPLEMENTATION		10	BIO/10	Caratterizzante / Discipline biotecnologiche comuni	OPZIONALE	TURKU
509867 - QUALITATIVE AND QUANTITATIVE RESEARCH IN WELLBEING		19				
	Unità Didattiche					
	509868 - MENTAL HEALTH AND WELL-BEING	6	MED/04	Caratterizzante / Discipline biotecnologiche comuni	OPZIONALE	IASI
	509869 - QUANTITATIVE RESEARCH ON WELL-BEING	6	MED/04	Caratterizzante / Discipline biotecnologiche comuni	OPZIONALE	IASI
	509870 - QUALITATIVE RESEARCH ON WELL-BEING	7	MED/04	Caratterizzante / Discipline biotecnologiche comuni	OPZIONALE	IASI
INSEGNAMENTI A SCELTA DELLO STUDENTE		12		THE FIRST-YEAR STUDENT MUST CHOOSE 12 CREDITS AMONG THE ELECTIVES REPORTED BELOW AND/OR INCLUDED IN THE UNIVERSITY'S EDUCATIONAL OFFER, IN COHERENCE WITH THE CHOSEN STUDY PATH		
509879 - APPLIED SKILLS FOR HEALTHY AGEING IN PLACE		6	M-PSI/02	A scelta dello studente / A scelta dello studente		
509876 - INTERNATIONAL LAW FOR SUSTAINABLE DEVELOPMENT. HEALTH AND WELL- BEING		6	IUS/14	A scelta dello studente / A scelta dello studente		
509877 - SELF MANAGEMENT IN NON-COMMUNICABLE DISEASES		6	SPS/08	A scelta dello studente / A scelta dello studente		
509878 - STRESS MANAGEMENT		6	M-PSI/05	A scelta dello studente / A scelta dello studente		
504725 - OTHER ACTIVITIES		3	NN	Altro / Altre conoscenze utili per l'inserimento nel mondo del lavoro	In alternativa a 509536	
2° Anno PERCORSO IENA (60 CFU)						
Attività Formativa		CFU	Settore	TAF/Ambito	Tipo insegnamento	
511860 - EXERCISE PHYSIOLOGY AND IMMUNOLOGY		10	MED/13	Caratterizzante / Discipline medico-chirurgiche e riproduzione umana	Obbligatorio	

511861 - PSYCHOLOGY OF MOTOR LEARNING AND MOTOR PERFORMANCE		5	M-EDF/01	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
511862 – SPECIALIZATION FOUNDATIONS IN OCCUPATIONAL, ORGANIZATIONAL AND HEALTH PSYCHOLOGY		15	M-PSI/06	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
509536 - ITALIAN LANGUAGE FOR FOREIGN STUDENTS		3	NN	Altro / Ulteriori conoscenze linguistiche	In alternativa a 504725
509901 - DISSERTATION		30	PROFIN_S	Lingua/Prova Finale / Per la prova finale	Obbligatorio
2° Anno PERCORSO COIMBRA (60 CFU)					
Attività Formativa		CFU	Settore	TAF/Ambito	Tipo insegnamento
508985 - GLOBAL HEALTH		10	MED/42	Caratterizzante / Discipline medico-chirurgiche e riproduzione umana	Obbligatorio
509889 - HEALTHY URBAN PLANNING		10	ICAR/20	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
509890 - POPULATION, MIGRATIONS AND DEVELOPMENT		10	M-PSI/05	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
509536 - ITALIAN LANGUAGE FOR FOREIGN STUDENTS		3	NN	Altro / Ulteriori conoscenze linguistiche	In alternativa a 504725
509901 - DISSERTATION		30	PROFIN_S	Lingua/Prova Finale / Per la prova finale	Obbligatorio
2° Anno PERCORSO POITIER (60 CFU)					
Attività Formativa		CFU	Settore	TAF/Ambito	Tipo insegnamento
509902 - MEANS OF PRESCRIBING PHYSICAL ACTIVITY		4	MED/42	Caratterizzante / Discipline medico-chirurgiche e riproduzione umana	Obbligatorio
509903 - METHODOLOGIES, TECHNIQUES AND DATA ANALYSIS		15			
	Unità Didattiche				
	504703 - COMPUTER VISION	3	ING-INF/05	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
	509904 - PROGRAMMING TOOLS AND METHODOLOGY	6	MED/50	Caratterizzante / Discipline medico-chirurgiche e riproduzione umana	Obbligatorio
	509909 - METHODOLOGIES AND TECHNOLOGICAL INNOVATIONS IN HEALTH BIOLOGY	6	ING-INF/05	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
509905 - BASICS IN HUMAN MOTOR FUNCTION		7			
	Unità Didattiche				
	509906 - BIOMECHANICS OF HUMAN MOVEMENT AND DISABILITY	3	M-PSI/08	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
	509907 - BIOORTHOGONAL CHEMISTRY AND CHEMICAL BIOLOGY	4	CHIM/08	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
509908 - TAILORED EXERCISE AND PATHOLOGIES		4	M-PSI/02	Affine/Integrativa / Attività formative affini o integrative	Obbligatorio
509536 - ITALIAN LANGUAGE FOR FOREIGN STUDENTS		3	NN	Altro / Ulteriori conoscenze linguistiche	In alternativa a 504725
509901 - DISSERTATION		30	PROFIN_S	Lingua/Prova Finale / Per la prova finale	Obbligatorio

Legenda

	PERCORSO TURKU
	PERCORSO IASI
	PERCORSO COMUNE