



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2026/27
MASTER DEGREE
ANALYSIS, PLANNING AND SUSTAINABLE MANAGEMENT OF
LAND AND TERRITORY (Classi LM-48 R/LM-80 R)
Enrolled in a.y. 2026/2027

HEADING

Degree classification - Denomination and code:	LM-48/80 R
Degree title:	Dottore Magistrale
Length of course:	2 years
Credits required for admission:	180
Total number of credits required to complete programme:	120
Years of course currently available:	1st
Access procedures:	Open, subject to entry requirements
Course code:	FBN

PERSONS/ROLES

Head of Interdepartmental Study Programme

prof.ssa Guglielmina Diolaiuti

Tutors - Faculty

Tutor per le ammissioni: prof.ssa Antonella Senese

Tutors per i piani di studio e per l'orientamento: prof. Felice D'Alessandro, prof.ssa Alice Dal Borgo, prof.ssa Guglielmina Diolaiuti, prof. Paolo Lotti, prof. Michele Zucali, prof.ssa Antonella Senese

Tutors per il Trasferimenti e riconoscimento carriera pregressa: prof.ssa Manuela Pelfini; prof.ssa Guglielmina Diolaiuti; prof.ssa Antonella Senese; dott.ssa Alessandra Costanzo

Tutors per il programma Erasmus: dott.ssa Elisa De Marchi; dott. Giuseppe Gambazza

Tutor per la sicurezza sul campo: prof. Roberto Ambrosini

Degree Course website

<https://apgest.cdl.unimi.it>

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CHARACTERISTICS OF DEGREE PROGRAMME

General and specific learning objectives

The Master's Degree Course in Analysis, Planning and Sustainable Management of the Territories (APGEST) is a two-year programme that trains graduates with LM 48 or LM 80 degrees who will be:

- trained in the fields of urban and land planning, territorial sciences, cartographic representation and communication of geographical knowledge and the cultural and environmental heritage of territories;
- able to use traditional and innovative tools in the fields of geography, cartography, urban and land planning for the analysis, management and representation of territorial data;

- able to collaborate with stakeholders to promote communication and a culture oriented towards the protection, enhancement and enjoyment of the landscape and territory.
- able to develop and coordinate projects for environmental and landscape management, regeneration and restoration, and projects for the enhancement and promotion of territories within the framework of regional, national and international calls for proposals;
- familiar with the architecture and operation of various information systems (GIS) for territorial analysis and management and cartography production;
- will be able to describe and analyze not only the transformations that characterize a given territory, but also all the socio-economic and political processes and dynamics that are both the origin and result of these transformations;
- will be familiar with the characteristics, purposes and scope of application of various urban planning tools and will be able to contribute to their drafting, revision or updating;

Finally:

- Graduates of the LM-80 class will acquire the knowledge and skills necessary to take the admission tests for training courses to become geography teachers (Class A21) in secondary schools and teachers of other competition classes (A 12), subject to meeting the ministerial requirements.

- LM 48 graduates will acquire the knowledge and skills necessary to independently draft planning tools and related implementation measures, subject to passing the qualifying examination. They will also be able to take the admission tests for training courses to become teachers in middle schools (lower secondary schools) of technology (Class A60).

To achieve these objectives, the course is organized in such a way as to provide all enrolled students with a cultural foundation in geographical sciences, urban planning and land planning. This is achieved through a first year of common core courses for both classes and a second year that still includes a large number of common courses.

Expected learning outcomes

KNOWLEDGE AND UNDERSTANDING

- In-depth knowledge and understanding of the disciplines characterizing LM 48 and LM 80 classes; in particular, those relating to the study of the natural and anthropic landscape, active processes, resulting landforms and their evolution, cartographic representation, communication of geographical knowledge, planning, design and regeneration of territories.

In detail:

- In-depth scientific knowledge of the most important processes that influence the quality of the environment and the conservation of geodiversity.
- Understanding of the interdisciplinary aspects of environmental and landscape studies and development of the corresponding skills to frame the problems of territorial planning and management from a sustainability perspective.
- In-depth knowledge of IT tools useful for the acquisition and analysis of georeferenced geographical and territorial data (GIS and relational databases) and for territorial planning and urban design.
- Knowledge of territorial management and enhancement policies, with particular reference to rural and extra-urban contexts.
- Knowledge of the regulations governing the environmental responsibility of local authorities and the sustainable use of natural and cultural resources in the territories.
- Knowledge of methodologies and technologies for working in the field of scientific dissemination and communication in the environmental, territorial and landscape fields, and for teaching and educating about territorial sciences in lower and upper secondary schools.

The knowledge and understanding listed above are achieved through participation in lectures and exercises and personal study, as provided for in the core training activities. Specific insights are provided by the wide range of related and complementary disciplines included in the training activities table.

The acquisition of knowledge and understanding is assessed through evaluations based on both the activities carried out by the individual student during the relevant teaching period (submission of reports, problem solving and exercises, oral presentations during lessons and exercises, etc.) and a final written and/or oral exam or project, including cartographic projects.

ABILITY TO APPLY KNOWLEDGE AND UNDERSTANDING

Graduates in Analysis, Planning and Sustainable Management of the Territory will be able to:

- develop and coordinate projects for environmental and landscape management, regeneration and restoration, and projects for the enhancement and promotion of territories within the framework of regional, national and international calls for proposals;
- collaborate with stakeholders to facilitate communication and promote a culture oriented towards the protection, enhancement and enjoyment of the landscape and territory;
- describe and analyse not only the urban and territorial transformations that characterise a given city and territory, but also all the socio-economic processes and dynamics that are both the origin and result of these transformations;
- use different information systems for the analysis and management of the territory and the production of cartography;
- use traditional and innovative tools in the fields of geography, cartography and territorial planning for the analysis, management and representation of territorial data;
- know and correctly use methods, techniques and strategies for the dissemination and communication of geographical knowledge, adapting content and information to the general public and students in different school settings;
- contribute to the drafting, revision or updating of various urban planning tools, such as territorial coordination plans, general regulatory plans and detailed executive plans. The above-mentioned skills in applying knowledge are achieved

through participation in core courses, which allow students to apply and integrate basic knowledge, and through the practical application of the concepts learned in laboratory and field activities and during internships.

The teaching laboratories will deal with real case studies that present students with some possible professional problems to solve. The presence of at least one compulsory external internship in organisations and companies in the sector has been introduced as a fundamental tool for verifying in the field what has been learned in the classroom during lectures and teaching laboratories.

Individual learning is assessed during the course through a participatory approach by students, evaluated mainly through written and oral exams focused on problem solving and design. The ability to apply the knowledge acquired during the degree programme is demonstrated in the thesis, which also provides an opportunity for assessment.

INDEPENDENT JUDGEMENT

- Ability to choose the appropriate techniques for analysing the biotic and abiotic components of the landscape.
- Ability to evaluate in detail, based on the knowledge acquired during the course of study, the social and ethical implications of planning interventions on the natural environment, landscape and territory.
- Ability to assess how to disseminate geographical knowledge and which methodological and technological approaches to adopt for effective teaching of the subject.

Students will also be required to fully assimilate the principles of professional ethics that guide interpersonal relationships in the relevant occupational contexts and to acquire the fundamental principles of the scientific approach to solving economic, economic-territorial and territorial and landscape planning problems that they will encounter in their professional activities.

Independent judgement and the ability to plan and conduct analyses and experiments are developed above all during the preparation of papers, study groups and seminars organised as part of individual courses.

The acquisition of independent judgement is assessed at various stages, such as critical discussions during exams, assessments of the ability to work in a team, and the performance of experimental work in teaching laboratories and thesis work.

COMMUNICATION SKILLS

- Written and oral communication skills with reference to both expert and non-specialist audiences, with proper use of language and registers appropriate to each circumstance.
- Ability to use the tools provided by new communication technologies.
- In-depth knowledge of a second European language, in addition to one's own, in the specific field of expertise and for the exchange of general information, with particular reference to the specific vocabulary of land sciences and geography.

Written and oral communication skills are developed in particular during exams, seminars, exercises and other training activities that require the preparation of reports or documents and their presentation, including using multimedia tools.

The Study Plan also includes a compulsory 3-credit Laboratory (i.e.: short course) on communication skills for all students. The acquisition of communication skills is also assessed through the writing and discussion of the degree thesis.

LEARNING SKILLS

- Knowledge of scientific updating tools for disciplines in the field and ability to access scientific literature produced in at least one European language other than one's own.
- Knowledge and understanding of the multidisciplinary and interdisciplinary aspects of territorial sciences, in order to enable an in-depth assessment of the effectiveness of different approaches to the study of landscape, the environment and its natural and cultural resources, and to develop skills useful for the independent application of what has been learned to new areas of interest.
- Ability to develop research skills, acquired through training activities and the preparation of the final thesis.
- Ability to use the tools provided by new communication technologies (e-learning platforms, artificial intelligence tools).

The learning ability acquired throughout the course of study and in the activities carried out for the preparation of the thesis is assessed both during the final exam and in the assessment of activities that require the presentation of a report or project developed independently.

Professional profile and employment opportunities

1. LAND PLANNER

Function in a work context:

The Land Planner is an LM 48 graduate who, after passing the qualification exam, will be able to work as an expert designer and freelancer directly in the drafting of planning tools and implementation devices related to them.

Among other things, the land planner is a reference figure for:

- land, landscape, environmental and urban planning;
- carrying out and coordinating complex and specialized analyses of territorial, landscape and environmental structures;
- coordination and management of environmental assessment and feasibility activities of territorial plans and projects;
- the drafting of planning tools and related implementation devices.

Skills associated with the function:

To carry out these functions, thanks to the courses and workshops provided by the master degree plan and also through external internships and the preparation of the degree thesis, graduates will acquire the following skills:

- knowledge of construction and management of geographic information systems (GIS) for the analysis and management of the territory;
- capacity of analysis, monitoring and territorial and environmental evaluation;

- knowledge of the management and evaluation procedures of territorial planning acts and related complex programs;
- ability to draft planning tools and related implementation devices.

Career opportunities:

Thanks to the transversal and multidisciplinary skills that they possess and that they have acquired during their studies, the land planners are fundamental and indispensable professionals. They will play a crucial role in the drafting and elaboration of any urban planning tool, at a regional level (such as the Regional Landscape Plan), at a general level (such as the General Town Plan) and at an implementation level (such as the Detailed Plan and the Allotment Plan). In Italy they can therefore be employed in the public administration (Regions, Provinces, Municipalities, Mountain Communities, in the technical offices and land registers, in the general and local directorates dedicated to the territory), in professional engineering and architecture studios, in associations and organizations for the protection and enhancement of the territory and its resources. LM 48 graduates will be able to draw up planning tools and implementation devices related to them and will be able to carry out this activity independently as expert designers and freelancers after passing the state qualification exam.

Furthermore, LM48 graduates will be able to access preparatory and qualifying courses for teaching Technology in lower secondary schools, as provided for by current legislation.

2. GEOGRAPHER

Function in a work context:

The geographer is an LM 80 graduate who, in the context of support for the complex processes of landscape protection, planning and management, will be able to be complementary with other professional figures specialized in design, urban and planning and land management. The Geographer will be able to collaborate in the creation of: - cognitive frameworks and landscape reports; - traditional cartographic representations and in GIS environment; - monitoring of landscape context transformations; - mapping of possible critical issues related to unsustainable transformations of the territories; - landscape quality recognition activities and for the identification of prescriptions for the use of landscape assets. The Geographer can also operate in the sector of the production of thematic digital cartography at different scales, in the drafting of technical texts and as a specialist in the recovery and conservation of the territories. Finally, Geographers can collaborate with other professional figures specialized in the fields of communication and education to build strategies and manage projects in many areas: - communication and awareness on landscape matters; - environmental, landscape and sustainability education as a function of the school system at all levels and of the general public; - participatory processes related to territorial management. They will also be able to draw up editorial projects, carry out communication projects relating to the landscape through social media, prepare proposals in response to national and international tenders and calls aimed at raising funds for the management, recovery and/or protection of the landscape.

Skills associated with the function:

LM80 graduates will be able to carry out the functions listed above, first of all thanks to knowledge of: i) the characteristics of landscapes and the territorial processes that determine their evolution, ii) the regulatory bases of the protection and management of landscapes, and iii) the principles and tools of sustainability. Moreover they will have specific skills in analyzing the landscape and its representations (including, for example: collecting information from different sources, direct and indirect, in an organized manner, designing and carrying out field surveys, analyzing data, using GIS).

They will also have developed the skills useful for the critical deepening of knowledge on landscape, for the interpretation and evaluation of landscape dynamics and, through both geographical studies and multidisciplinary insights, transversal skills particularly useful in this field in which it is necessary to be able to integrate disciplinary knowledge and different territorial scales. To further advance the skills related to the aforementioned functions, the LM80 graduates will be able to consider continuing the third level university education (e.g.: II level Master, etc..)

Employment opportunities:

The skills of the LM80 graduates are required in public administrations at various scales, national and international agencies, consortia and other territorial management bodies, non-governmental organizations, consultancy firms. In addition, LM80 graduates will be able, as required by current legislation, to access preparatory and qualifying courses for teaching geography in the secondary school.

Initial knowledge required

Graduates in the degree classes:

L-6 Geography,

L-17 Architectural Sciences,

L-21 Territorial, urban, landscape and environmental planning sciences, and, L-32 Sciences and technologies for the environment and nature, as well as in the corresponding classes relating to the D.M. 509/99, as well as four-year graduates in old master degree classes, can access to the degree Master course in Analysis, and planning and sustainable management of territories. Those who have a degree from another bachelor class can also access it, provided that they demonstrate that they possess the necessary skills to successfully pursue their studies and that they have acquired 60 ECTS in at least four distinct groups of scientific-disciplinary sectors among those below specified:

- agronomic-biological-ecological group: AGR / 01- / 03, AGR / 05, AGR / 08- / 10, BIO / 03, BIO / 05, BIO / 07;
- anthropological-psychological-social group: BIO / 08, M-DEA / 01, M-PSI / 01, M-PSI / 05, SPS / 07- / 10;
- architectural-engineering and territorial planning group: ICAR / 01- / 05, ICAR / 15, ICAR / 18, ICAR / 20- / 22;

- chemical-physical-geological group: CHIM / 03, CHIM / 06, CHIM / 12, FIS / 06- / 07, GEO / 02- / 03, GEO / 05, GEO / 09, GEO / 10- / 12;
- economic-legal group: ING / IND / 35, IUS / 01, IUS / 03- / 04, IUS / 09- / 10, IUS / 13- / 14, SECS-P / 01- / 03, SECS-P / 05- / 08, SECS-P / 12;
- geographical group: GEO / 04, M-GGR / 01- / 02;
- computer-mathematical-statistical and land representation group: ICAR / 06, ICAR / 17, INF / 01, ING-INF / 03, ING-INF / 05, MAT / 01- / 09, SECS-S / 01- / 06.

Finally, candidates who are in possession of another bachelor qualification obtained abroad and recognized as suitable will be able to be enrolled, provided that they demonstrate that they possess the curricular requirements and the adequacy of the personal preparation necessary to successfully pursue their studies.

In addition to meeting the curricular requirements, in case of doubts about personal preparation arising from the analysis of grades obtained in courses related to the scientific-disciplinary sectors listed above, the admissions committee will schedule an interview, which may be in person or remotely. The date of the interview will be agreed upon with the student.

The interview may also be conducted before the bachelor's degree, which, for the purposes of enrolment for the 2025-2026 academic year, must be obtained by 31 December 2026.

Upon enrolment, students must choose the master's degree class in which they will obtain their degree (LM 80 or LM 48). Students may also change their choice of master's degree programme by the end of their second year, with the advice of the tutor assigned to them in their first year, in order to choose the programme best suited to their professional aspirations.

Applications from students transferring to Analysis, Planning and Sustainable Management of the Territory from other master's degree programmes at this or other universities will also be evaluated by the admissions committee.

In this case too, the committee will assess the possibility of admitting applicants and whether they should be admitted to the first or second year. The committee will also assess the possibility of partially or totally validating master's degree exams taken at other degree programmes or other universities if they are consistent in content and objectives with the teaching programmes provided in Analysis, Planning and Sustainable Management of the Territory.

Compulsory attendance

Attendance is highly recommended, but not compulsory.

Internship criteria

A 3CFU internship is planned for all students to be carried out preferably outside the university, or to be carried out in the context of professional study, institution or company (also abroad), to consolidate outside the university what has been learned in the classroom and in the UNIMI laboratories.

For the choice of internship, the student will make use of the advice of the tutor teacher to whom he is assigned from the first year who will also support the choice of free-choice courses.

The place of the internship can be chosen by the student by drawing on the COSP database

(<https://www.unimi.it/en/study/traineeships-and-work/traineeships-and-internships>)

or through the activation of new agreements, also thanks to the activity of the tutor teachers and the Steering Committee of the degree course who will expand the possibilities of carrying out internships and internships in Italy and abroad for students of the degree course in Analysis, Planning and Sustainable Management of the Territories.

Degree programme final exams

The final test is an original and experimental thesis. The thesis can also be declined as:

- a territorial planning,
- a territorial regeneration or
- a territorial analysis project, even complex,

which allows students to demonstrate (in the presentation and discussion of the project in front of the graduate commission) autonomy in the execution of projects and analysis, critical and synthesis skills, expository skills (use of disciplinary lexicons) and skills acquired in the two-year period.

The experimental thesis will be presented and discussed publicly and will lead students to achieve 12 ECTS. At the end of the discussion, the candidate will be proclaimed a Master's degree in the degree class in which he is enrolled (LM 48 or LM 80).

The thesis supervisor is a teacher belonging to the interdepartmental didactic college.

Campus

Lectures will be held in Citta Studi and in Via Festa del Perdono.

<https://www.unimi.it/en/university/offices-and-facilities>

Notes

In order to obtain their degree, students are required to have a B2 level of proficiency according to the Common European Framework of Reference for Languages (CEFR). This level of proficiency can be certified as follows:

? by submitting an official language certificate at B2 level or higher, issued no more than three years before the submission date. The list of language certificates recognized by the University is available at <https://www.unimi.it/en/node/39322>.

The certificate must be uploaded during enrolment or later through the portal <http://studente.unimi.it/uploadCertificazioniLingue>.

? By taking a placement test administered by the University Language Centre (SLAM) between October and January (December for Bachelor's degree courses) of the first year. Students who do not pass the test will be required to attend a language course offered by SLAM.

The placement test is compulsory for all students who do not already hold a valid certificate.

Students who do not take the placement test by the end of January (end of December for Bachelor's degree courses) or fail the end-of-course exam after six attempts must obtain a language certificate privately before graduating.

EXPERIENCE OF STUDY ABROAD AS PART OF THE TRAINING PROGRAM

The University of Milan supports international mobility by providing its students with the opportunity to spend study and internship periods abroad. It is a unique chance to enrich your educational path in a new exciting environment.

The agreements entered into by the University with over 300 universities from the 27 EU member countries under the European Erasmus+ programme allow regularly enrolled students to carry out part of their studies at one of the partner universities or to undertake internships at companies, training and research centres and other organisations.

Similar international mobility opportunities are provided outside Europe, through agreements with a number of prestigious institutions.

The University of Milan is a member of the 4EU+ European University Alliance that brings together eight public multidisciplinary universities: University of Milan, Charles University of Prague, Heidelberg University, Paris-Panthéon-Assas University, Sorbonne University of Paris, University of Copenhagen, University of Geneva, and University of Warsaw. The 4EU+ Alliance offers integrated educational pathways and programmes to promote the international mobility of students (physical, blended and virtual).

Study and internships abroad

Students of the Master degree course in Analysis, planning and sustainable management of the territories who wish to participate in the ERASMUS and ERASMUS + programs will have 3 Erasmus contact persons at their disposal, one for each of the partner departments, and will be able to count on agreements with foreign universities:

- Ruprecht-Karls-Universität Heidelberg
- Københavns Universitet
- University of Warsaw
- Universidad de Castilla - La Mancha - Ciudad Real
- University of Helsinki
- University of Zagreb
- Sorbonne University - Paris
- Charles University - Prague
- University of Geneva
- IGOT-Ulissboa – Lisbon

For further information and updates, see page: <https://www.unimi.it/en/international/study-abroad/studying-abroad-erasmus>

Abroad, as part of the ERASMUS and ERASMUS+ programmes, students will be able to:

- obtain credits by following courses and passing the relative exams for the free choice 9 ECTS;
- carry out internships in foreign companies and professional studios;
- carry out all or part of the degree thesis (agreeing on the topic and implementation phases also with a UNIMI professor within the interdepartmental teaching board).

How to participate in Erasmus mobility programs

How to participate in Erasmus+ mobility programmes

The students of the University of Milan can participate in mobility programmes, through a public selection procedure.

Ad hoc commissions will evaluate:

- Academic career
- the candidate's proposed study programme abroad
- his/her foreign language proficiency
- the reasons behind his/her application

Call for applications and informative meetings

The public selection for Erasmus+ mobility for study generally begins around February each year with the publication of a call for applications specifying destinations and requirements. Regarding the Erasmus+ Mobility for Traineeship, the University of Milan usually publishes two calls a year enabling students to choose a destination defined by an inter-institutional agreement or to find a traineeship position on their own.

The University organises informative meetings to illustrate mobility opportunities and rules for participation.

Erasmus+ scholarship

The European Union grants the winners of the Erasmus+ programme selection a scholarship to contribute to their mobility costs, which may be supplemented by the University funding for disadvantaged students.

Language courses

Students who pass the selections for mobility programmes can benefit from intensive foreign language courses offered each year by the University Language Centre (SLAM).

<https://www.unimi.it/en/node/8/>

Learn more at <https://www.unimi.it/en/node/274/>

For assistance, please contact:

International Mobility Office

Via Santa Sofia 9 (second floor)

Tel. 02 503 13501-12589-13495-13502

Contacts: InformaStudenti;

Student Desk booking through InformaStudenti

1st COURSE YEAR Core/compulsory courses/activities common		
Learning activity	Ects	Sector
Construction Law	6	GIUR-06/A
Ecology	6	BIOS-05/A
English proficiency B2 (3 ECTS)	3	NN
Information Systems and Statistics for the Territory	12	CEAR-04/A
Physical Geography and Land Use Planning	6	GEOS-03/A
Policies and Tools for the Sustainability of the Rural Territory	6	AGRI-01/A
Urban and Spatial Plannig 1	12	CEAR-12/A
Valorization of Cultural and Territorial Heritage	9	GEOG-01/A
	Total compulsory credits	60
Elective courses		
Student must choose the master's degree class in which he/she will obtain the title:		
- LM 48 Territorial, urban and environmental planning		
- LM 80 Geographical sciences		
This choice can be changed throughout the course of study.		
2nd COURSE YEAR (available as of academic year 2027/28) Core/compulsory courses/activities common		
Learning activity	Ects	Sector
Soft Skill Lab: Public Speaking	3	NN
Urban and Spatial Plannig 2	12	CEAR-12/B
	Total compulsory credits	15
Elective courses		
Choose one course among:		
Landscape Systems Analysis	9	GEOG-01/A
Representation and Communication of the Territory	9	GEOG-01/A
Territorial Systems and Local Development	9	GEOG-01/A
Earn 12 CFU by choosing two courses among:		
Applied Geomorphology	6	GEOS-03/A
Biogeography	6	BIOS-03/A
Coastal and Port Planning and Management	6	CEAR-01/B
Didactics of Geography	6	GEOG-01/A
Environmental and Economic Relevance of Georesources	6	GEOS-01/D
Environmental Anthropology	6	SDEA-01/A
Geomorphological Hazards and Risks for Landscape and Geoheritage Management	6	GEOS-03/A
Landscape Ecology	6	BIOS-01/C
Lithological Maps	6	(3) GEOS-01/B, (3) GEOS-02/B
Mixed Farming Systems and Landscape	6	AGRI-09/B
Place Marketing	6	ECON-07/A
Remote Sensing, Geomatics and Spatial Planning	6	CEAR-04/A
Social Psychology for Sustainability and Participation	6	PSIC-03/A
Structural Geology and Landform Evolution	6	GEOS-02/C
Further elective courses		

Acquire 9 CFU among all the training activities offered and all the courses activated by the University, provided that they are consistent with the training project, after evaluation by your tutor. For this purpose, the courses activated by the course and not already chosen can be selected, or the laboratories proposed by the course of study, such as:

Designing spaces for radical conservation	3	GEOG-01/A
Farming in an Urban Landscape Lab	3	AGRI-09/D
Laboratory - Case Studies in Building Law	3	GIUR-06/A
Laboratory Investigations of Earth Sciences	3	(1) GEOS-01/D, (2) GEOS-02/C
Land use & land cover changes analysis	3	AGRI-02/A
Measuring Vegetation Lab	3	BIOS-02/A
State Exams for Professional Certification: Urban and Regional Planner	3	CEAR-12/B
Urban and Land Planning Lab	3	CEAR-12/A

End of course requirements

Final exam	12	NN
Internship	3	NN
	Total compulsory credits	15