EXAM RECOGNITION REGULATIONS

A. Study plan of eligible courses

The Building Engineering - Architecture (IEA) programme includes the following degree courses:

- L-17 – Architecture-Engineering (Italian)
- LM-4 – Building Engineering-Architecture (Italian)
- LM-4 – Building Engineering-Architecture, cv Architectural Engineering (English)
- LM-4 - Single Cycle - Building Engineering-Architecture (Italian)

The IEA programme respects the regulatory constraints established by EU recognition, based on the study plans approved in their establishment phase. The following constraints must, therefore, be respected:

1. Any substitution of mandatory courses, in denomination and/or SSD[1], requires a new approval by the EU. The mandatory courses for each degree course are indicated in **Attachment 1**.

2. Formative activities with a suitability grade only cannot be included. Therefore:
   a. Internship
   b. English language (or other foreign languages) tests
   c. Degree Thesis Workshops (LMCU only)

are not among the eligible activities in an Erasmus+ study mobility context.

3. Dedicated channels are available for internships and degree theses abroad, while any activity in the L-LIN SSD will only be recognised as extracurricular CFU[2].

B. Learning Agreement and exam recognition

For all intents and purposes, the Learning Agreement (LA) is a study plan. The recognition of exams carried out in partner EU institutions, for transfers from other degree courses or for courses freely chosen by the student, can occur upon acquisition of the Program of the foreign course (in English or Italian, translating it when necessary). It is subject to the following criteria established by the IEA programme:

1. Mandatory courses

For the mandatory exams listed in **Attachment 1**, recognition is subject to a formal opinion from the internal Professor in charge of the course.

1.1 In the context of international student mobility, the validation procedure is defined as follows:

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[1] SSD: Scientific-Disciplinary Sectors – see
https://www.cun.it/uploads/storico/settori_scientifico_disciplinari_english.pdf
[2] CFU: University Formative Credits

Before completing a LA (or a variation) on AlmaRM, students must acquire a positive opinion from the Professor in charge of the courses regarding the correspondence with the proposed foreign exams, which must contain the following essential data:

- student's name and surname
- names and codes of foreign exams and the corresponding exam
- number of credits approved out of the total activity
- if integration is envisaged, the number of CFU to be integrated and the topics subject to integration
- in the case of multiple foreign exams that contribute to the correspondence of an exam, the coverage of the possible scenarios (e.g. what happens in the event of passing only one of the two exams required for the correspondence)

The Professor's opinion must be combined with the foreign exam program in a single .pdf file and attached to the LA on AlmaRM in the concerned correspondence group. The opinion can be acquired through an email exchange with the Professor; in this case, it is necessary to convert the exchange to PDF and attach it at the bottom of the foreign exam program.

This procedure generates a report that can be used for subsequent validations if the program is entirely congruent and at the Commission's discretion.

2. Elective exams (type D credits)

Credits for the elective exams (type D) can be obtained in different ways.

2.1. For exams *included in the UniBo formative offer*, there are two possible situations:

2.1.1. The course is _considered similar to the programme's training objectives_ as it belongs to an SSD consistent for the _08 Civil Engineering-Architecture area_ or to one of those listed in the LM-4 class table form Decree 270/04 but is not included in the programme's study plan. The list can be consulted in **Attachment 2**.
The recognition of the course and the related CFU occurs through the acquisition of an opinion of correspondence in terms of SSD and CFU by a UniBo Professor belonging to that specific SSD. This opinion must be attached to the LA, together with the program, in a similar way to the opinion referred to in point 1

2.1.2. The course is _not considered similar to the programme's training objectives_ as it belongs to SSDs not included in the previous point and will, therefore, can be approved as extracurricular CFU.

2.2. For exams *not included in the UniBo formative offer*, there are two possible situations:

2.2.1. The course is recognized by a IEA Professor because it is considered similar or homologous to his/her reference SSD and therefore labelled as "activity in the SSD ..." corresponding to a specific number of CFU. Recognition only concerns _courses or activities in their entirety and not parts of exams, workshops complementary to a course, or partial modules_, except for the specific cases indicated in the following point 2.3. Recognition occurs using methods similar to those indicated in point 2.1.1.

2.2.2. The course cannot be labelled among the IEA programme SSDs and is approved as an extracurricular CFU unless the student explicitly requests to include it in his/her study plan: in this case, its approval requires a joint resolution of the internationalization and study plan Commissions.

2.3. In case of difference between ECTS of a foreign exam and CFU recognized by a Professor, where the number of ECTS exceeds that of CFU, it is possible to request the conversion of the excess into type D CFU labelled as " activity in the SSD ..." only in one of these 2 cases:

2.3.1. the requested SSD is the same as the recognized exam: the ECTS-CFU difference must be greater than or equal to 6 (in this case, recognized by the same Professor)

2.3.2. the requested SSD is different from that of the recognized exam. In this case, a series of aspects must be identifiable from the course program not included in the already recognized correspondence but attributable to an activity of a different SSD. For recognition, it is necessary to contact an SSD Professor for those type D credits together with the Professor who recognized the exam.

In both cases, the possibility to convert the exceeding CFU is at the discretion of the Professor who recognized the exam.

2.4. If all the type D credits required for your degree programme have already been obtained, any activities that fall into the previous cases are recognized as extracurricular.

Attachment 1 – Mandatory Courses

LM-4 Master Degree in Building Engineering-Architecture

The lines in gray concern the modules of the integrated course indicated on the preceding line.

99045   ADVANCED BUILDING PHYSICS
93708   Built Heritage Workshop I.C.
93710 Construction History
93709 Heritage Conservation
99047   GEOMATICS FOR URBAN AND REGIONAL ANALYSIS
B3175   SUSTAINABLE BUILDING DESIGN WORKSHOP I.C.
B3176 BUILDING DESIGN
B3177 BUILDING TECHNOLOGIES
93711   Sustainable Building Process Workshop I.C.
93712 Advanced Building Site
93713 Cost Analysis
93715   Design Modeling I Workshop I.C.
93716 Architectural Design I
93717 Building Information Modeling I
99046   STRUCTURAL ENGINEERING AND DESIGN
B2281   BUILDING RENOVATION WORKSHOP I.C.
B2283 BUILDING RENOVATION PROJECT
B2282 HISTORIC BUILDING TECHNIQUES
B3179   PROJECT MANAGEMENT WORKSHOP I.C.
B3181 CONSTRUCTION AND FACILITY MANAGEMENT
B3180 MANAGING ENGINEERING AND CONSTRUCTION PROCESSES
93724   SUSTAINABLE URBAN DESIGN AND PLANNING WORKSHOP I.C.
93723 PLANNING IN A CHANGING CLIMATE
93722 PLANNING IN A CHANGING SOCIETY
93721   DESIGN COMPUTING WORKSHOP I.C.
93725 ARCHITECTURAL DESIGN II
93726 BUILDING INFORMATION MODELING II

Attachment 2 – Similar SSD

SSD list of 08 Civil Engineering-Architecture area and/or foreseen by the LM-4 class table of 270/04, not included in the study plans of the Programme.

See: https://www.cun.it/uploads/storico/settori_scientifico_disciplinari_english.pdf

LM-4 Degree Programmes (270/04)

LM-4 – Building Engineering-Architecture

The type of similarity (close or extensive) is indicated as a guiding factor towards the standard study plan but does not influence the recognition of the specific course.

Close similarity

FIS/01 - Fisica sperimentale (EXPERIMENTAL PHYSICS)

ICAR/07 - Geotecnica (GEOTECHNICS)

ICAR/06 - Topografia e cartografia (SURVEYING AND MAPPING)

INF/01 - Informatica (INFORMATICS)

ING-IND/10 - Fisica tecnica industriale (THERMAL ENGINEERING AND INDUSTRIAL ENERGY SYSTEMS)

ING-INF/05 - Sistemi di elaborazione delle informazioni (INFORMATION PROCESSING SYSTEMS)

IUS/10 - Diritto amministrativo (ADMINISTRATIVE LAW)

MAT/03 - Geometria (GEOMETRY)

MAT/05 - Analisi matematica (MATHEMATICAL ANALYSIS)

MAT/06 - Probabilità e statistica matematica (PROBABILITY AND STATISTICS)

MAT/07 - Fisica matematica (MATHEMATICAL PHYSICS)

MAT/08 - Analisi numerica (NUMERICAL ANALYSIS)

MAT/09 - Ricerca operativa (OPERATIONS RESEARCH)

SECS-P/06 - Economia applicata (APPLIED ECONOMICS)

Extensive Similarity

ICAR/01 – Idraulica (HYDRAULICS)

ICAR/02 - Costruzioni idrauliche e marittime e idrologia (HYDRAULIC STRUCTURES, MARITIME ENGINEERING AND HYDROLOGY)

ICAR/03 - Ingegneria sanitaria – ambientale (SANITARY AND ENVIRONMENTAL ENGINEERING)

ICAR/04 - Strade, ferrovie e aeroporti (ROADS, RAILWAYS AND AIRPORTS)

ICAR/05 – Trasporti (TRANSPORTATION)

ICAR/13 - Disegno industriale (DESIGN)

ING-IND/22 - Scienza e tecnologia dei materiali (MATERIALS SCIENCE AND TECHNOLOGY)

ING-IND/23 - Chimica fisica applicata (APPLIED PHYSICAL CHEMISTRY)

CHIM/12 - Chimica dell'ambiente e dei beni culturali (CHEMISTRY FOR THE ENVIRONMENT AND FOR CULTURAL HERITAGE)

L-ART/02 - Storia dell'arte moderna (HISTORY OF MODERN ART)

L-ART/03 - Storia dell'arte contemporanea (HISTORY OF CONTEMPORARY ART)

L-ART/04 - Museologia e critica artistica e del restauro (- MUSEOLOGY, ART AND RESTORATION CRITICISM)

MAT/02 – Algebra (ALGEBRA)

MAT/04 - Matematiche complementari (MATHEMATICS EDUCATION AND HISTORY OF MATHEMATICS)