UNIVERSITÀ TELEMATICA
INTERNAZIONALE UNINETTUNO

Regulations of the Second-Level Study Course in Management Engineering (Class L-31)

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1. Premises and aims

The present Regulations govern the organizational and teaching aspects of the Course of Studies in accordance with the regulations in force, the Statute of the International Telematic University UNINETTUNO, the University Didactic Regulations, as well as other regulations in force.

This Course of Studies belongs to the Faculty of Engineering and is supervised by the Managing Collegial Board which is represented by the Faculty Council; the role of teaching structure of reference for administrative purposes is represented by the Engineering Faculty. The Collegial Board carries out its activities in accordance with the Statute and the regulations in force on the subject, in so far as they are not governed by these Regulations.

2. Access Modes and Rules for ECTS University Training Credits Recognition

The enrolment to the Study Course can take place throughout the Academic Year in order to be consistent with the request for flexibility in access that a International Telematic University UNINETTUNO must have; this access model conditions the course delivery models that are described below. To be admitted to the Second-Level Degree Course (*Laurea Magistrale*) of the Engineering Faculty one must have earned a Three-year or Second-Level (*Laurea Magistrale*), a Degree as per previous regulations or a degree, in particular:

1) Earning a three-year degree, second-level degree as per previous regulations or a degree belonging to the class of degrees in engineering allows a direct access, namely without training debits to the Second-Level Degree of the Engineering Faculty;

2) Earning a three-year or second-level, a degree as per previous regulations or a degree not belonging to the classes of degrees in engineering requires, instead, the assignment of training debits.

Further to a request of assessment of the study program of the title he earns, the student is assigned any training debits and/or credits and/or are recommended to follow some courses that are propedeutical to second-level degree chosen. The student must submit a request for assessment of his study path connected to the study title he earned through an application for recognition of the ECTS University Training Credits by means of a special form available on the University's portal (following the path Enrollment ◊ Training Credits Recognition. The assessment is made by the Commission for the Recognition of the ECTS Credits, appointed by the Engineering Faculty Council. The ECTS training credits can derive previous certified study paths (even if not completed), from professional activities and from certifications supported by appropriate documentation. The training debits assigned by the Commission must be cancelled before the enrolment to the modules of the Second-Cycle Degree Courses; the cancellation entails that the student enrolls in the modules related to the training modules assigned by the Commission and passes the corresponding exams; the grades earned for these exams are not counted to calculate the finale average grade.

The recommended exams are communicated by the Commission in order to allow the student to acquire skills that are useful for his second-level degree study path. These modules are not reported (not "traced", according to the terminology mentioned below in this document) and since they are not training debits and do not require to pass the corresponding exam. It is the student's duty and interest the check and possible acquisition or full mastery of the skills offered by the modules corresponding to the recommended exams. The number of ECTS credits resulting from the recognition establishes the year in which the student is enrolled:

0-44 ECTS credits: first year

At least 45 ECTS credits: second year.

3. Structure of the Study Programs

At the following link you can find all information about the Second-Level Degree Course in Management Engineering.

The design of the Second-Level Degree Course in Management Engineering (LM-31) is aimed at preparing professional profiles able of making strategic and technical-operational decisions (more specifically, he must be able to design and manage of business models and organizational structures, design the development of new products/services, implement financial policies capable of fostering progress etc.) in order to have an impact on the competitiveness level of businesses and organizations operating in rapidly innovating contexts as well as by high technological and market complexity. The design of the study course was developed with the general aim of training a graduate having technological as well as economic-managerial skills, based on the current three-year degree course in management engineering that is structured on two curricular paths: the economic one and the one that is more markedly oriented to production processes.

The educational offer is structured on three paths. The first path, Management of Industrial Processes, meets the needs of the market which are linked to technological progress, innovation and to the globalization of the economy. Therefore, the designed study path is based on a fair balance of modules linked to the thematic areas of industrial production and of its multiple branches. This allows to provide the specialist graduate in Management Engineering with a background of general but at the same time highly specialized knowledge both in the economic-managerial field and in the area of production systems, with particular attention to the management and control of highly innovative processes. The second path, Energy Systems, responds to the increasing market demand for specialized profiles able to control, manage and optimize the various different energy sources. Therefore, the course of studies combines a series of specialized knowledge of industrial and management engineering with skills strictly related to energy disciplines. The first group of teachings consolidates and enriches the skills in the field of process management, business organization of innovation. The second group of teachings provides specific skills on the analysis, modeling, testing and management of energy systems, without neglecting the related issues of environmental impact.

The third path, Industry 4.0, responds to the needs of the labor market regarding the need for professionals specialized in technologies and models recently developed with the so-called fourth industrial revolution, both by analyzing new technologies and their applications, and by studying new business models and business innovation. A series of modules illustrating 4.0 technologies from a methodological and applicative point of view completes the path. In addition, there are teachings that show new business models, innovation and business organization models aimed at supporting the transition to the digital business model characteristic of the Industry 4.0 paradigm. For the study programs of the three paths see the following links: Management of Industrial Processes, Energy Systems and Industry 4.0

4. Structure of the Teaching Activities

The teaching activities of this Study Course, according to UNINETTUNO's psycho-pedagogic-didactic model, establishes that, for each academic year, the course delivery must be repeated for three times. When they enroll in the Study Course, the students can access all the contents of the courses that are available in the Didactic Cyberspace without constraints of course delivery periods. In the course delivery period the student is followed his learning processes by the teacher / tutor of the subject (hereafter, simply the Tutor; instead, the Area Professor performs control and supervisory tasks). The interaction with the Tutor typically takes place a distance, mainly – but not exclusively - through the interactive tools available in the UNINETTUNO portal and via e-mail, possibly face-to-face based on the scheduling of the teaching activities posted in the University's portal or by appointment.

Each course delivery period has a duration of two and a half months. The students, through their own "Student's Page" and the "My Courses" feature, autonomously enroll in the disciplines of their interest, respecting the constraints of propaedeuticity and year of enrolment.

The ECTS University Training Credits corresponding to each training activity are acquired by the student after successfully passing a final exam or after another mode of assessment of the acquired knowledge, according to what is established by the Exam Commission.

At the end of each of the three course delivery periods an examination session is carried out, each consisting of two turns. Each turn is divided in more days, but it is considered a single session; the exams are held at UNINETTUNO's headquarters at the technological poles (exam centers). The students can book their exams at the headquarters or at the technological poles within the following limitations: 1) the enrolment to the module has to have taken place not after the half of course delivery period preceding the session for which the student wishes to book; 2) the tutor's admission of the student to the exam is required based on the module's specific modes; 3) it is not possible to enroll in the same exam in the same session in more exam centers; 4) at each exam center it is possible to take maximum 3 exams lasting 2 hours or 1 exam lasting 3-4 hours and 1 exam lasting 2 hours (instead, it is possible to enroll in several exams in different exam centers on different dates).

The correction of the papers and the publication of the results is carried within the following working 10 days from the date of the last day of the exam session. Any oral exams, organized at the Area Professor and/or Tutor's discretion, take place in Rome's headquarters; in particular cases, they take place at distance at the presence of the guarantor of the University who sit by the student. For the final exam of title awarding (Graduation exam) 4 sessions are envisaged: the autumn (October/November), Winter (January/February), Spring (March/April), Summer (July) session. Detailed information are included in the Regulations for the Graduation Thesis.

5. Course delivery

At the beginning of each delivery period, the Tutor sends all students a welcome letter including information on the course, including the prerequisites to be admitted to the exam.

The students' activity on the platform is defined as "tracing" and allows the Tutor to check the learning progress and to report on it. The admission to the exam has, as its first prerequisite (to which those of the course must be added) a tracing reporting the complete watching of all the videolessons. The self-evaluation processes and interactive activities with the Tutor are also traced and represent a mid-term assessment element to be admitted to the exam.

The interactive real-time meetings (Interactive Classrooms) are included into a schedule by the Tutor and – if they are of general interest – further on posted in the section of the Delivered Interactive Classrooms in the Cyberspace, to be used by the students who were unable to follow them live. They complete and/or update the contents of the videolessons and, consequently represent an integral part of the exam program, if specified by the Tutor.

Exercises, possible virtual laboratories and other teaching activities are used as tools to assess the students' mid-term learning progress, namely, during the delivery period, consequently, they can represent a fundamental feedback tool. This is useful to the tutor to scale his teaching activities and to the student to get aware of his learning progress in order to scale his study strategies for the exam.