



UNIVERSITÀ DEGLI STUDI DI TORINO

ID

TIC26_DIP_MAN

Visiting Professor Program Academic year 2021/2022

DEPARTMENT OF MANAGEMENT

TEACHING COMMITMENT: 20 hours

COURSE TITLE

Environmental Management Systems

TEACHING PERIOD

1st term

SCIENTIFIC AREA

Commodity Science

LANGUAGE USED TO TEACH

English

The Degree Course is entirely taught in English

COURSE SUMMARY

Nowadays, the environment represents a key factor for companies' competitiveness, independently on their aim, dimension and business sector. The environment, in fact, provides companies with natural resources and materials that feed the production system as inputs to be converted in products or services (output). In doing so, processes also produce unwanted outputs in terms of environmental impacts: air emissions, waste, etc. Minimizing these impacts not only contributes to improve the environmental conditions, but also helps companies in improving their efficiency and profitability.

In order to deal with the environmental variables in the best possible way, companies may rely on international "tools" that can give conceptual frameworks for considering and managing the production processes.

In particular, International standards guide companies in identifying critical processes so that they can implement an Environmental Management System (EMS) as a tool for checking and considering all the different company's units thanks to the adoption of a systemic approach.

International Standards for the environment, as ISO 14001 and the European Regulation EMAS – Eco-Management and Audit Scheme - are helpful for assessing strategies that take into consideration the new development paradigm of the circular economy, which focus its attention particularly on reduction of material and energy resources.

LEARNING OBJECTIVES

The ability in auditing and analysing the relationship between companies' processes and the environment.

The knowledge and the correct use of voluntary and mandatory normative instruments.

TUTORSHIP ACTIVITIES

Virtual classrooms, Tutorials

LAB ACTIVITIES

N/A

OTHER ACTIVITIES BESIDES THE COURSE

N/A

ADDITIONAL COURSE

COURSE TITLE

Environmental Management Systems (Stream B)

TEACHING PERIOD

1st term

SCIENTIFIC AREA

Commodity Science

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

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LEARNING OBJECTIVES

The ability in auditing and analysing the relationship between companies' processes and the environment.

The knowledge and the correct use of voluntary and mandatory normative instruments.

TUTORSHIP ACTIVITIES (IF APPLICABLE)

Virtual classrooms, Tutorials

LAB ACTIVITIES (IF APPLICABLE)

N/A

OTHER ACTIVITIES BESIDES THE COURSE

N/A

VISITING PROFESSOR PROFILE

The course deals with aspects related to hard sciences that constitute the basis for the understanding of environmental phenomena, of the principles of operation of technologies for the treatment of pollutants and of management systems, aimed at production processes or products. The visiting professor will be an academic (Full Professor) with an economic-managerial background, but will have broadened and refined her/his knowledge on the relationship between economic activities and the environment through the development of high-level training and professional courses, to be documented in the application. Teaching activities in university courses similar to Environmental Management Systems will be included among the requirements being assessed.

CONTACT PERSON AT THE DEPARTMENT

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