



UNIVERSITÀ DEGLI STUDI DI TORINO

ID

VP31_DIP_MAN

Visiting Professor Program Academic year 2022/2023

TEACHING COMMITMENT: 42 hours

COURSE TITLE

Environmental Management Systems

TEACHING PERIOD

1st term

SCIENTIFIC AREA

Commodity Science

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

The Environment: Atmosphere, Hydrosphere and Lithosphere - Pollutants and Depollution techniques.

Bioeconomy, Green economy, Circular economy and Sustainable development Goals: concepts and evolution.

Life Cycle Thinking.

Life Cycle Assessment: concept and examples.

Environmental Management Systems (ISO14001/EMAS).

LEARNING OBJECTIVES

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 improvement.

TUTORSHIP ACTIVITIES

N/A

LAB ACTIVITIES

N/A

OTHER ACTIVITIES BESIDES THE COURSE

N/A

ADDITIONAL COURSE

COURSE TITLE

Environmental Management Systems

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N/A

LAB ACTIVITIES

N/A

OTHER ACTIVITIES BESIDES THE COURSE

N/A

VISITING PROFESSOR PROFILE

The Visiting Professor should provide evidence on his/her theoretical and practical experience in the fields

of environmental management systems (ISO 14001 and EMAS Regulation) and eco-labelling for products

and services (ie, the European ecolabel).

CONTACT PERSON AT THE DEPARTMENT

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