

UNIVERSITY OF MONS

WAROCQUE SCHOOL OF BUSINESS AND ECONOMICS

TEACHING PROFILE BACHELOR'S IN BUSINESS ENGINEERING

The programme description defines the expected learning outcomes, i.e. what the student should know, understand and be able to achieve by the end of a learning activity, a teaching unit or a study cycle (Bachelor's, Master's, etc.). Learning outcomes are defined in terms of knowledge, expertise and soft skills.

At the end of the Master's, students will be able to:

SKILL	Understand the scientific foundations of technological processes and the management of information flow and their respective involvement from a managerial point of view.
LEARNING OUTCOMES	<ul style="list-style-type: none"> • Understand the methods and tools adapted to the field of economics and management. • Understand the scientific fundamentals of production processes and their implications. • Understand extensive tools dedicated to the management of technological processes and the management of information flow.
SKILL	Activate mathematical and computer models to insert them into analytical reasoning.
LEARNING OUTCOMES	<ul style="list-style-type: none"> • Understand the methods and quantitative tools adapted to the analysis of economic and management sciences. • Analyse and model a problem, by critically selecting appropriate theories. • In reference to a theoretical framework, identify appropriate tools to solve a problem related to economics and management.
SKILL	Implement an academic view on knowledge, particularly through the mastery of methods and literature research tools.
LEARNING OUTCOMES	<ul style="list-style-type: none"> • Understand, synthesise and discuss complex information and texts on economics and management. • Summarise the contributions of different sources to justify an opinion or decision. • Develop and structure reasoning by basing it on suitable scientific arguments.

SKILL	Actively master the fundamental concepts and models of economic sciences and management sciences.
LEARNING OUTCOMES	<ul style="list-style-type: none"> • Identify and explain the concepts, principles and models of fundamental theoretical trends in economic sciences and management sciences and their applications. • Understand how organisations and markets work. • Understand the methods and tools adapted to the field of economics and management.
SKILL	Acquire basic methodological tools necessary for scientific inquiry in the field of economics and management.
LEARNING OUTCOMES	<ul style="list-style-type: none"> • Conduct relevant research from scientific literature and select appropriate elements with respect to a particular research topic. • Describe the principles of methodological approaches (objectives, methods, techniques and tools) to understand and explain the functioning of organisations and markets. • Give a critique and argue a point of view as part of a scientific approach
SKILL	Mobilise communication skills in two languages other than French, both orally and in writing, as a presentation of an argument or piece of research in accordance with scientific ethics.
LEARNING OUTCOMES	<ul style="list-style-type: none"> • Understand, synthesise and discuss complex information and texts, expressed in English and at least one other language. • Communicate in a clear and structured manner on issues of economics and management. • Demonstrate an acute sense of analysis, criticism and ethics in relation to various issues in economics and management.
SKILL	Critically compare knowledge acquired to real situations.
LEARNING OUTCOMES	<ul style="list-style-type: none"> • Identify and explain the concepts, principles and models of fundamental theoretical trends in economic sciences and management sciences and their applications. • Develop and structure reasoning by basing it on suitable scientific arguments • Demonstrate an acute sense of analysis, criticism and ethics in relation to various issues in economics and management.
SKILL	Demonstrate working and analytical rigour.
LEARNING OUTCOMES	<ul style="list-style-type: none"> • Be rigorous and independent in learning, particularly through adequate planning of activities to be undertaken in order to best utilise the time available. • Develop their scientific curiosity and open-mindedness • Demonstrate self-awareness, assess themselves, and adapt.