

Competences Framework

Master en ingénieur de gestion

The Master in Business Engineering aims at preparing future executives, leaders and entrepreneurs for any type of industry and organization, profit, non-profit, or public. A business engineer is able to integrate the main functions and departments of an organization and to arbitrate between them. Students develop their knowledge and know-how in all fields of management, but also key competencies to decide a strategy, conduct change, or create a business.

Subject-specific knowledge	Subject-specific skills	Key (transferrable) skills
<p>Knowledge and understanding of specialized concepts, frameworks and theories in management</p> <p>Knowledge and understanding of the external environmental factors affecting managerial thought and action</p> <p>Knowledge and understanding of the impact of technology on organizations</p> <p>Knowledge and understanding of building blocks of information systems</p> <p>Knowledge and understanding of the challenges of innovation and of the implementation of innovation strategies</p> <p>Knowledge and understanding of financial modelling and control as well as of markets</p> <p>Deeper knowledge and understanding of sales and marketing</p>	<p>Master and apply key management concepts, frameworks and theories in a professional context</p> <p>Leverage scientific knowledge to approach technological processes</p> <p>Adapt frameworks and actions to changing contexts and uncertain environments</p> <p>Translate project or strategy into realistic financial plan and report through key performance indicators</p> <p>Apply quantitative and qualitative techniques to support analysis</p> <p>Develop and present business cases</p> <p>Model business data and code basic algorithms</p>	<p>Effectively communicate in writing</p> <p>Effectively communicate orally</p> <p>Work as part of a team and exercise leadership</p> <p>Work in international and multicultural environments</p> <p>Manage time and projects</p> <p>Develop an independent approach to learning and show adaptability to new environments</p> <p>Implement a scientific approach to knowledge and reasoning</p> <p>Foster corporate socially responsible conduct in workplace</p> <p>Display critical thinking</p> <p>Think and act as an entrepreneur</p> <p>Demonstrate analytical rigor and work ethics</p> <p>Computer Literacy (standard office suites, statistical packages, data mgmt. and extraction from data provider sources...)</p>