

Master in Industrial engineering

Sustainable industrial engineering 2nd year

Presentation

Industry is of critical importance for the global economy.

Industrial engineering is the branch of engineering that is concerned with the efficient production of industrial goods as affected by elements such as plant and procedural design, the management of materials and energy, and the integration of workers within the overall system.

Sustainable Industrial Engineering addresses the issue of sustainability of industry in three ways: from an environmental point of view, from a social and societal point of view, from an economical point of view.

Sustainable industrial engineering has myriads of application fields since it encompasses the whole value chain and lifecycle of products: from the development of new and innovative machines, products-services to the market and recyclability

Registration and scholarships

To be accepted for a master 2, you must hold a master 1 degree or equivalent. □ Your previous studies must be compatible with the master you wish to study. The recruitment and registration conditions are stated for each speciality. For the three programmes in French, the choice of programme is made after admission to the master in Industrial Engineering.

See Grenoble INP website : <http://www.grenoble-inp.fr/fr/formation/les-admissions>

Practicals informations :

- > **School** : Grenoble INP
- > **Duration** : 1 year
- > **Course type** : Initial and Continuing Education
- > **Location(s)** : Grenoble - Doyen Gosse
- > **Contacts** :

Programme director

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Programme administration

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Program

Master Industrial Engineering (GI) Sustainable Industrial Engineering program - Semester 3		Master Industrial Engineering (GI) Sustainable Industrial Engineering program - Semestre 4 : Master Thesis based on a mission in	
Business and group of courses name	ECTS	ECTS	ECTS
Intercultural Communication - WCUE3018	3.0	18.0	
Master Thesis Tutorial - WCUE3003	3.0	18.0	
Manufacturing and Transportation - WCUE3017	11.0	41.0	
Sustainable Design and Management - WCUE3048	3.0	18.0	
Cultural courses M2 3IE (3 courses in within list of 3 valid statements)	18.0	107.0	
Advanced Manufacturing for Industrial Engineering - WCUE3001	6.0	21.0	
Advanced Manufacturing for Industrial Engineering - WCUE3002	6.0	21.0	
Product Industrialization - From Design to Manufacturing - WCUE1101	6.0	21.0	

an industrial firm or a research laboratory in
France or abroad