

Master in Industrial engineering

The programme offers the following course(s) :

- › Industrial engineering portal 1st year
- › Sustainable industrial engineering 2nd year
- › Operations management 2nd year
- › Product development 2nd year
- › Industrial innovation 2nd year

Presentation

Course co-accredited by the National Polytechnic Institute of Grenoble (Grenoble INP) and Université Grenoble Alpes

The Master in Industrial Engineering draws on the strength of the Grenoble cluster in the field of production systems, in both teaching (Grenoble INP School of Industrial Engineering and the PHITEM training and research unit) and research (including the G-SCOP 5272 joint research unit laboratory). This multidisciplinary Master primarily covers the strategic research themes defined by two of the site's research clusters: MSTIC (Mathematics, Information & Communication Science and Technologies) and PEM (Physics, Engineering, Materials). Note that the Industrial Innovation Programme is also supported by the laboratories of the SHS1 research cluster (the PACTE, GAEL and CERAG joint research units). In particular, it falls within the "Innovation in Markets" theme.

This Master offers four programmes

Research-oriented programmes: Product Development, Operations Management, Industrial Innovation
Sustainable Industrial Engineering (SIE): in English, international programme

More information from: <http://genie-industriel.grenoble-inp.fr/masters/le-master-genie-industriel-223015.kjsp>

Objectives

This Master trains students in the field of industrial engineering and therefore leads to all the professions in this field: from product design through to organisation and management of production systems. By its nature, industrial engineering is aimed at all kinds of industrial or service sectors.

More specifically, this Master encompasses an international vocational programme, and three research programmes. The first, designed for foreign students, aims to train managers in the field of industrial engineering with a specialisation on sustainability issues relating to the product and its logistics chain. The other three programmes are research-oriented and lead to careers in teaching and research (private or public) with, in particular, a target of 50% of students going on to doctoral studies. Other students tend to go into industry in France or in their countries of origin, in industrial engineering careers. For the "Operations management" programme, in the supply chain: production, procurement, logistics engineer..., for the "Product development" programme, in product design careers: product engineer, calculation, simulation... and lastly for the "Industrial innovation" programme, careers in innovation: innovation project management, consultants in innovation, monitoring, etc.

Success rate

Academic year	Number of registered students	Number of graduates	Continuing to doctoral level
2014/2015	23	22	7
2013/2014	16	16	9
2012/2013	23	20	10
2011/2012	13	10	2
2010/2011	20	16	6
2009/2010	22	18	10
2008/2009	20	16	5
2007/2008	24	19	7
2006/2007	19	17	8
2005/2006	25	23	12

Registration and scholarships

To be accepted for a Master 1, you must hold a bachelor degree (Licence 3) or equivalent. 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.

Further studies

PhD in the field of industrial engineering

Practicals informations :

- > **School** : Grenoble INP
- > **level** : Baccalaureate +5

- > **Duration** : 2 years
- > **Credits** : 120
- > **Course type** : Initial and Continuing Education
- > **Location(s)** : Grenoble - Doyen Gosse
- > **Contacts** :

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Programme administration

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