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). In particular, it falls within the "Innovation in Markets" theme.

This master offers four programs
- Research-oriented programs: Product development, Operations management, Industrial innovation
- Sustainable industrial engineering (SIE): in English, international program


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 program, 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 programs 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" program, in the supply chain: production, procurement, logistics engineer..., for the Product development program, in product design careers: product engineer, calculation, simulation... and lastly for the Industrial innovation program, careers in innovation: innovation project management, consultants in innovation, monitoring, etc.

**Success rate**

<table>
<thead>
<tr>
<th>Academic year</th>
<th>Number of registered students</th>
<th>Number of graduates</th>
<th>Continuing to doctoral level</th>
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<tbody>
<tr>
<td>2014/2015</td>
<td>23</td>
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<td>2013/2014</td>
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<td>2012/2013</td>
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**Registration and scholarships**

To be accepted for a master 1st year, you must hold a bachelor degree (licence 3rd year) or equivalent. To be accepted for a master 2nd year, 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 programs in French, the choice of program is made after admission to the master in Industrial engineering.

See Grenoble INP website: [http://www.grenoble-inp.fr/fr/formation/les-admissions](http://www.grenoble-inp.fr/fr/formation/les-admissions)

**Further studies**
PhD in the field of industrial engineering

Practical informations:

> **School**: Grenoble INP, Institut d'ingénierie et de management
> **Level**: Baccalaureate +5
> **Duration**: 2 years
> **Credits**: 120
> **Course type**: Initial and Continuing Education
> **Location(s)**: Grenoble - Doyen Gosse
> **Contacts**:

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