

International Semester

Responsible Design

✓ **Duration**

One semester

✓ **Start date**

February

✓ **Exchange Program**

✓ **International students**

Welcome package

✓ **Admission Criteria**

Must have completed at least 5 semesters of a Bachelor's degree

English proficiency

Excellent academic results

✓ **To apply**

<http://genie-industriel.grenoble-inp.fr/study-opportunities>

✓ **Application deadline**

November 1st

Program Contact:

International.genie-industriel@grenoble-inp.fr

"Responsible-Design@Grenoble" is an international semester project where future engineering designers face the challenge of considering the lifelong impact of products and processes in their day-to-day practices. This semester allows students to experience Responsible Design through an international innovative project in collaboration with industrialists and attend Business & Responsible Design lectures. International student teams have to design innovative concepts of responsible products to respond to industrial challenges. Teams take projects all the way from defining design requirements to constructing numerical and functional prototypes ready for technical evaluation. They have to define business plans for the innovative products.

Objectives

Our objective is to propose innovation that includes social and environmental issues:

- User centred design
- Sustainable design
- Inclusive design
- Ethics & Responsibility
- Eco-efficient innovation & design

Projects/ Outcomes

Projects are suggested by industrial partners and refined with the teaching team

Projects are of vital interest for companies

The final Report will contain

- Exploration and acquisition of concepts and values
- Models and drawings from the study phase
- Recommendations for future development

Key features

- ➔ Extensive communication between companies and students
- ➔ Regular project reviews
- ➔ Workshops
- ➔ Seminars
- ➔ French language and culture class

Program content*

Period	Courses	ECTS
February to June	<p>Lectures are available each week with guest speakers from universities and companies:</p> <p>Responsible Design seminar:</p> <ul style="list-style-type: none">• Environmental impact assessment, eco-design principles, energy consumption analysis• European regulations and recommendations• Extended producer responsibility• Industrial design, ergonomics <p>Business seminar:</p> <ul style="list-style-type: none">• Cost management• Marketing• Business modelling• Project management• Operations <p>French language and culture courses</p>	30
Total		30

ECTS European Credits Transfer System

* May be modified

School environment

Classes will be held at the Industrial Engineering (Génie Industriel) school of the Grenoble Institute of Technology. Very well located in the city center, right next to the train station, the school is easily accessible.

Resources

GI-NOVA : Platform for Innovation, Design and Prototyping

G-SCOP: Research Center in Integrated Design

Grenoble University of Innovation facilities



GRENOBLE INSTITUTE OF TECHNOLOGY

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