

Graduates in Risk Prevention Engineering are capable of managing all types of risks, from occupational health and safety to industrial and environmental. Backed by well-rounded knowledge in engineering and life sciences, graduates have the capacity to develop broad, deep knowledge of regulatory and management issues. The program also stands out for its sharp focus on interpersonal relations and communication.



### Our graduates possess solid general engineering skills

- A capacity to use resources from a broad range of basic sciences
- Knowledge and understanding of a specialty scientific and technical field
- Mastery of engineering tools and methods
- An ability to work within an organization, manage a team, and implement change
- Understanding of broader industrial, financial, and professional issues
- A capacity to work in international settings
- Respect for societal values

Recent graduates have secured positions like:

- Safety engineer
- Consultant
- Consulting engineer
- HQSE manager
- Operating safety engineer

### Graduates have mastered specific competencies that prepare them to handle real-world professional situations:

Competency	Situation
Understanding technological risks	<ul style="list-style-type: none"> <li>• Assessing technological risks</li> <li>• Modelling risks</li> <li>• Understanding technological risks, operating safety, and reliability</li> </ul>
Managing workplace and occupational health hazards	<ul style="list-style-type: none"> <li>• Analyzing occupational hazards</li> <li>• Preventing occupational hazards</li> </ul>
Managing environmental risks	<ul style="list-style-type: none"> <li>• Assessing environmental impacts</li> <li>• Understanding environmental risks</li> </ul>
Communicating about risk prevention	<ul style="list-style-type: none"> <li>• Adopting the appropriate behavior when working with others</li> <li>• Understanding the relationships between complex ideas and distilling them into clear, simple messages</li> <li>• Presenting conclusions and recommendations</li> </ul>
Communicating about and promoting his/her projects	<ul style="list-style-type: none"> <li>• Understanding the relationships between complex ideas and distilling them into clear, simple messages</li> <li>• Presenting conclusions and recommendations</li> </ul>

### In-company placements:

- Third year: 6 weeks
- Fourth year: 12 weeks
- Fifth year: 22 weeks
- Graduation project: for external customers (companies or research labs)

### A selection of companies that have hired Risk Prevention Engineering graduates:

ALTRAN, APAVE, AREVA, AXIMA, CEA, COFELY, EDF, SNCF

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