

Graduates in Civil and Geotechnical Engineering are qualified civil engineers with specialist knowledge of geotechnical engineering capable of anticipating and solving problems related to the behavior of earth materials during building and infrastructure construction, natural disaster prevention, waste management, and other engineering and environmental protection projects.



### 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:

- Design/calculation engineer
- Project engineer
- Quality control engineer
- Site engineer

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

Competency	Situation
Determining a geotechnical engineering reconnaissance strategy	<ul style="list-style-type: none"> <li>• Completing civil engineering and natural and environmental hazard surveys</li> </ul>
Conducting a site geological and geotechnical hazard assessment	<ul style="list-style-type: none"> <li>• Identifying natural hazards and environmental and geotechnical problems</li> <li>• Analyzing risk</li> </ul>
Designing buildings and infrastructures	<ul style="list-style-type: none"> <li>• Producing preliminary and project engineering drawings and documents</li> <li>• Producing project execution drawings and documents</li> </ul>
Managing projects	<ul style="list-style-type: none"> <li>• Managing technical aspects of a civil engineering project</li> <li>• Managing administrative aspects of a civil engineering project</li> <li>• Managing his/her own career</li> </ul>
Managing geotechnical engineering work on the job site	<ul style="list-style-type: none"> <li>• Managing technical aspects of work on the job site</li> <li>• Managing administrative aspects of work on the job site</li> </ul>
Monitoring and remediating infrastructures and sites	<ul style="list-style-type: none"> <li>• Determining a monitoring and remediation strategy</li> <li>• Managing site/infrastructure pathology and risk exposure</li> </ul>

### In-company placements:

- Third year: 6 weeks
- Fourth year: 9 weeks
- Fifth year: 22 weeks
- Graduation project: for external customers (companies or research labs)

A selection of companies that have hired Civil and Geotechnical Engineering graduates

ANTEA, ARCADIS, EGIS, EIFFAGE, ERG, FONDASOL, FRANKI FOUNDATIONS, GINGER-CEBTP, GTS, MENARD, SAGE, SOLDATA, SOLETANCHE

### Academic contact

Damien Ricotier  
Responsable de la filière  
damien.ricotier@univ-grenoble-alpes.fr  
+33 4 76 82 79 31

### Business contact

Nadine Chatti  
Corporate Relations  
entreprise@polytech-grenoble.fr  
+33 4 76 82 79 16