Materials Engineering graduates from Polytech Grenoble are strong all-around materials engineers and scientists capable of understanding all materials present in our environment, from polymers and metals to ceramics and composite materials.

Recent graduates have secured positions like:
- R&D engineer
- Quality-control engineer
- Materials engineer
- Design engineer
- Manufacturing or production engineer
- Process engineer
- Sales engineer

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

<table>
<thead>
<tr>
<th>Competency</th>
<th>Situation</th>
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<tbody>
<tr>
<td>Using the appropriate methods of analysis to identify malfunctions and/or adapt to changing conditions</td>
<td>• Correcting product failures&lt;br&gt;• Keeping pace with changing markets&lt;br&gt;• Responding to process drift</td>
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<tr>
<td>Using scientific experimentation and interpreting the results of an experiment to respond to a project’s specifications</td>
<td>• Characterizing or improving the implementation of changing materials, products, and processes</td>
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<tr>
<td>Coming up with new ideas to fuel innovation</td>
<td>• Designing new materials, products, and processes&lt;br&gt;• Promoting cross-disciplinary cooperation&lt;br&gt;• Keeping up to date with the state of the art&lt;br&gt;• Recommending innovative strategies and technological breakthroughs</td>
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<tr>
<td>Staying ahead of technological advances and keeping pace with a changing professional environment</td>
<td>• Coping with new professional environments (geographical location, topics, techniques)&lt;br&gt;• Keeping pace with regulatory changes&lt;br&gt;• Updating his/her knowledge&lt;br&gt;• Staying ahead of trends (technical, ecological, geopolitical, and societal)</td>
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<td>Coordinating human and technical resources</td>
<td>• Managing a team&lt;br&gt;• Setting up and managing international projects&lt;br&gt;• Making decisions, choices, and recommendations</td>
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<td>Demonstrating awareness and improving his/her interpersonal and written communication skills</td>
<td>• Promoting and explaining his/her work orally and in writing&lt;br&gt;• Gathering information, determining what is relevant, and sharing with others&lt;br&gt;• Raising others’ awareness of work-related issues</td>
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</tbody>
</table>

In-company placements:
- Third year: 8 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 Materials Engineering graduates:
ARKEMA, BECTON DICKINSON, CEA, EDF, STMICROELECTRONICS, TEFAL, VALEO

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