INGÉNIEUR POLYTECHNICIEN PROGRAM

This survey was conducted in 2015 among students who graduated in June 2014. It mainly concerns students from the Class of 2009. There was a 82% response rate.

Opportunities of Ingénieur Polytechnicien Class of 2014 graduates

52% choose the corporate sector

- Corporate sector
- PhD
- Senior civil service
- Entrepreneurship
- Seeking employment
- International volunteer program
- Further studies
- Particular situation

Favor a growing spirit of innovation and entrepreneurship

École Polytechnique trains entrepreneurs and innovators by instilling a culture of entrepreneurship in its students, giving them several opportunities to meet startuppers and work on disruptive technologies. The number of graduates starting their own business has thus rise by 3% these last two years.

LA FIBRE ENTREPRENEUR – Drahi - X Novation Center is the first center entirely dedicated to entrepreneurship and innovation at École Polytechnique. With a design based on the most modern accelerators in the world, it provides a unique spot for creation, experimentation and prototyping, education, incubation, and dialogue with investors.

4% of graduates create their own company

28% of which are PhD candidates

52%

31% Industry
11% Consultancy
7% Insurance/ Banking
3% Services
The important number of Ingénieur Polytechnicien students who pursue their studies through a PhD program confirms École Polytechnique’s leading position as an international higher education and research institution of excellence.

28% of Ingénieur Polytechnicien students find employment within 6 months after graduating.

Evolution of graduates’ choices from 2011 to 2014

Evolution in the percentage of Ingénieur Polytechnicien students pursuing a PhD after their graduation from l’X from 2011 to 2014

<table>
<thead>
<tr>
<th></th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD candidates</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>from the total</td>
<td>28%</td>
<td>28%</td>
<td>30%</td>
<td>28%</td>
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</tbody>
</table>

After several years of steady increase in the number of graduates choosing to do a PhD, there is this time an increase in the number of graduates in the corporate sector.
Evolution in *Ingénieur Polytechnicien* students’ career choices by sector of activity from 2011 to 2014

The number of students choosing industry rose sharply in 2012.

**Focus on industry**

- Chemistry
- Luxury
- Automobile, automobile equipment
- Electrical, electronic equipment
- Biotechnology, pharmacy, cosmetics
- Other (metallurgy, distribution, etc.)
- Building and civil engineering, construction materials, infrastructures
- Aircraft, rail and naval construction, weapons
- Energy
- Information technologies

- France
- Foreign countries
Breakdown by company size

* Excluding entrepreneurs

Evolution in Ingénieur Polytechnicien students’ starting salaries between 2011 and 2014

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<thead>
<tr>
<th></th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
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<tbody>
<tr>
<td>Average</td>
<td>44000</td>
<td>47000</td>
<td>45000</td>
<td>45000</td>
</tr>
<tr>
<td>Median</td>
<td>42000</td>
<td>44000</td>
<td>44000</td>
<td>44000</td>
</tr>
</tbody>
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*Average annual gross starting salary excluding bonuses in France (in current euros).*

40% of Ingénieur Polytechnicien students employed in the corporate sector completed an internship with their current employer during their studies.
Location of graduates’ first jobs in 2014

The Paris region remains Ingénieur Polytechnicien students’ preferred location for their first job. The number of both French and international students leaving to work in other countries has been on the rise since 2012.
This survey was conducted among students who received their Master’s degree in 2014.

Opportunities of Class of 2014 Master’s graduates

- **35%** of graduates choose the corporate sector

The number of young Master’s graduates pursuing towards a PhD rose by 7%. 

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Field</th>
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<tbody>
<tr>
<td>55%</td>
<td>PhD</td>
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<tr>
<td>35%</td>
<td>Corporate sector</td>
</tr>
<tr>
<td>5%</td>
<td>Seeking employment</td>
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<tr>
<td>1%</td>
<td>Particular situation</td>
</tr>
<tr>
<td>1%</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>1%</td>
<td>Further studies</td>
</tr>
<tr>
<td>1%</td>
<td>International volunteer program</td>
</tr>
<tr>
<td>20%</td>
<td>Industry</td>
</tr>
<tr>
<td>8%</td>
<td>Consultancy</td>
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<tr>
<td>4%</td>
<td>Insurance/Banking</td>
</tr>
<tr>
<td>2%</td>
<td>Services</td>
</tr>
<tr>
<td>1%</td>
<td>Teaching and research</td>
</tr>
</tbody>
</table>
The Paris region remains the Master’s graduates’ preferred location for their first job. There is a decrease of 11% in departures abroad in 2014.
Career opportunities by sector of activity of École Polytechnique PhD graduates who defended their thesis in 2011

- Corporate sector: 39%
- Higher education and research: 18%
- Postdoctoral research contract: 12%
- Administration and teaching: 9%
- Seeking employment: 2%

The corporate sector and the field of higher education and research are still attracting most PhD graduates.

Change in PhD graduates’ choices by sector of activity from 2011 to 2014

There was a 61% response rate.