



building a better future

## Paid Internship in Chemical Engineering/ Nanotechnology

Employment based in Switzerland at Cemex Innovation Holding ag, Brügg BE;  
Documents required for application: Personal CV, personal letter of motivation.  
Yearly internship program from August 2024 till July 2025

The Global R&D department is a core team inside Cemex Innovation Holding based in Switzerland. The aim of the team involves research and development of new products and solutions for the different challenges Cemex has as a key global player in the construction industry as well as specialized technical troubleshooting for all Cemex operations, mainly Cement, Concrete, Aggregates and Admixtures

### Position purpose

- Work on environmental management and sustainability initiatives, developing methods to reduce emissions and improve waste management.
- Support the diverse characterization activities performed in the Global R&D laboratory.
- Troubleshoot when issues or challenges arise during the production of cement or concrete casting process; diagnose problems; and implement solutions to maintain the quality of the concrete.
- Innovate and find new ways to improve cement production, develop alternative materials, or enhance sustainability.
- Conduct tests and analysis to ensure that the cement product meets the required specifications and standards.

### Activities:

- The position envisions work in two basic projects and areas:
  - The first involves the development of technologies and materials to fix CO<sub>2</sub> coming

from cement industry (60%).

- The second involves determining efficiencies and assessing the materials and technologies that are viable for scaling up with the use of analytical equipment (XRF, XRD, ICP, GC-MS, TGA, FTIR, etc.)
- Participation will also be required in the different services provided by the Cemex Global Research Laboratory.

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## Our requirements:

- Knowledge of spoken and written English at least B2 level;
- Student status/ PhD student status;
- Education in the field of Chemistry, Chemical Engineering etc.
- Ability to work in diverse teams.

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## What can you gain?

- The student can use the topic of his research internship experience to write his thesis after the conclusion of his internship and together with his thesis advisors, can also publish an article on a refereed journal.
- Monthly salary;
- Assistance with accommodation upon arrival in Switzerland;
- 2 weeks vacations per every six months.

Poznaj CEMEX:



[pracuj.pl](https://www.pracuj.pl)



W naszych rekrutacjach stosujemy zasady równości i poszanowania różnorodności. Zatrudniamy kandydatów najlepiej spełniających wymagania na danym stanowisku, bez względu na stopień sprawności, wiek, płeć, pochodzenie lub inne cechy podmiotowe.

Jeżeli czujesz, że ta praca jest dla Ciebie, kliknij

**APLIKUJ**