

Paid Internship in Chemical Engineering / Nanotechnology

Employment based in Switzerland at Cemex Innovation Holding ag, Brügg BE;

Yearly internship program from February 2027 till January 2028

Position purpose

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. The position envisions work in 2 basic projects and areas:

- The first involves the development of technologies and materials to fix CO2 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)

Activities

- Assess and develop technologies to use and fixate CO2 in diverse materials.
- Work on environmental management and sustainability initiatives, developing methods to reduce emissions and improving 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.

Our requirements

- Knowledge of spoken and written English at least B2 level.
- Student status: bachelor, master's or PhD.
- Education in the field of Chemical Engineering, Nanotechnology, etc.
- Documents required for application in English:
  - Personal CV.
  - Personal letter of motivation.
- European Passport or ID (Swiss law requirement).
- Documents nice to have:
  - Professor's letter of recommendation.
  - Validation of English fluency.

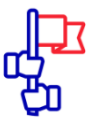
What can you gain?

- Monthly salary.
- Assistance with accommodation upon arrival in Switzerland.
- 2 weeks vacations per every six months.
- 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.
- Development of your technical and soft skills through mentoring and feedback.
- Enhancement of your resume and portfolio with real-world projects and achievements.


Ensure health and safety


Focus on customers


Work as one Cemex


Act with integrity


Foster innovation


Embrace diversity

In our recruitment processes, we apply the principles of equality and respect for diversity. We employ Candidates who best meet the requirements for a given position, regardless of their level of ability, age, gender, origin or other subjective characteristics.
Visit our career site: www.cemex.pl/kogo-szukamy.aspx or find us on pracuj.pl

If you feel that this offer is for you APPLY