

MSc in Earth Sciences, University of Bern

Applied Topics in Environmental Mineralogy & Geochemistry

MSc Project in Pure & Applied Quaternary Sciences

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The research group [Fachstelle Sekundärrohstoffe](http://www.fachstelle-sekundaerrohstoffe.unibe.ch) offers a broad variety of applied topics in the context of (i) recycling of mineral wastes in the cement, concrete and ceramics industries (circular economy), (ii) chemical and mineralogical characterization of industrial materials and its effects on the environment (e.g. in landfills). The topics involve classical methods of solid characterization (e.g., X-ray diffraction, X-ray fluorescence analysis, optical & scanning electron microscopy), wet-chemical characterization methods (extraction tests) and/or thermodynamic modelling. The topics vary depending on actual research questions from industry and offer a valuable insight into an applied research field.

Interested students are encouraged to [get in touch](mailto:mirjam.wolfers@unibe.ch) to discuss available topics and personal interests.

www.fachstelle-sekundaerrohstoffe.unibe.ch



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