

## Fuel Cells at home

HEXIS develops and produces fuel cell heating devices for single and multi-family houses. This efficient and environmentally friendly technology delivers intelligent heat and clean electricity at the same time and thus offers the home owners the greatest possible comfort.

We are regularly looking to strengthen our research and development in Winterthur

## Master-/Bachelor thesis workers or Interns (m/f/d)

### Tasks / possible Topics

Depending on the field of study, different topics are possible within research and development. Challenges or topics could include:

- Optimization of a manufacturing process for fuel cells
- Development of new catalytic materials for use in fuel cells
- Development and construction of a prototype test stand
- Development of a rapid test method for electrochemical properties of fuel cells
- Development and design of new components
- Thermal or fluidic simulation
- Development and construction of assembly facilities
- Conduct and evaluate test bench tests
- Evaluate laboratory and field tests

You are also welcome to bring in your own topic suggestions.

### Requirements

- Enrolled student in an engineering or natural science course.
- Hands-on mentality
- min. 6 months availability, for bachelor theses e.g. by combining internship & bachelor thesis
- intrinsic motivation to push your own topic independently
- Ability to work in a team

### We offer

- Demanding and varied tasks in a future-oriented topic
- Independent work
- Flat hierarchies and collegial corporate culture

Additional information about our company can be found on our corporate website [www.hexis.com](http://www.hexis.com).

If you are interested in a challenging thesis or internship, please send your application, including your CV and certificates, to Dr. Jan Gustav Grolig, [jan.grolig@hexis.com](mailto:jan.grolig@hexis.com). Please note that we need a certain lead time for the best possible preparation. If you have any technical questions about possible topics, Dr. Grolig at +41 52 262 63 18.