

SMART ENERGY SYSTEMS (M.Eng.)



Study program profile

Growing distributed generation and fluctuating renewable energy sources create a need for an intelligent network of consumers and producers. Smart Energy Systems is based on the technological, economical, and ecological knowledge of distributed energy systems as well as essential digital skills. Besides the simulation and optimization of energy systems the focus relies on modern computer and communication technology. The use of artificial intelligence completes this interdisciplinary orientated course. Our aim is to provide a deep understanding not only of the individual producer and consumer technologies but also in terms of an optimized operation of these interconnected energy systems. Job opportunities include energy suppliers or energy marketing, building technology, automotive industry or energy-intensive industry, as well as following new business ideas in founding a startup company.



Career prospects

The holistic perspective of the study program qualifies our graduates for a wide range of professional activities.

Management
Product Development Implementation
Business Development
Sales Operations
Incorporation IT Services
Software Development



Application & Admission*

Start of the study program is possible in the winter semester (application period: May 1 - September 15).

- ✓ **Qualifying degree** (Bachelor, Diploma) according to the study and examination regulations
- ✓ **With admission requirements** (minimum final grade, language skills, motivation)
- ✓ **Online application via university's own portal**



Personal interests

For this program, we recommend the following skills and interests, among other things:



Sustainability



Interdisciplinarity



Renewable Energy



Contact



To the website of the study program

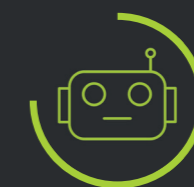
*Subject to change without notice: Current information and modifications can be found on the website.

For questions about studying in Ansbach:

- Student Advisory Service
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- +49 (0)981/4877-574

For content-related questions about the study program:

- Prof. Dr. Kerstin Weiß
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Informatics & Programming



Nature & Technology



Electrical engineering