

The Siemens logo is displayed in a teal, sans-serif font within a white rectangular box in the top-left corner of the image. The background of the entire image shows three people in professional attire (a woman on the left, a man in the center, and a woman on the right) standing in front of a large, classical-style building with many arched windows and a balcony. The man in the center is gesturing with his hand as if in conversation.

SIEMENS

Siemens Professional Education Technik Akademie Berlin (TA)

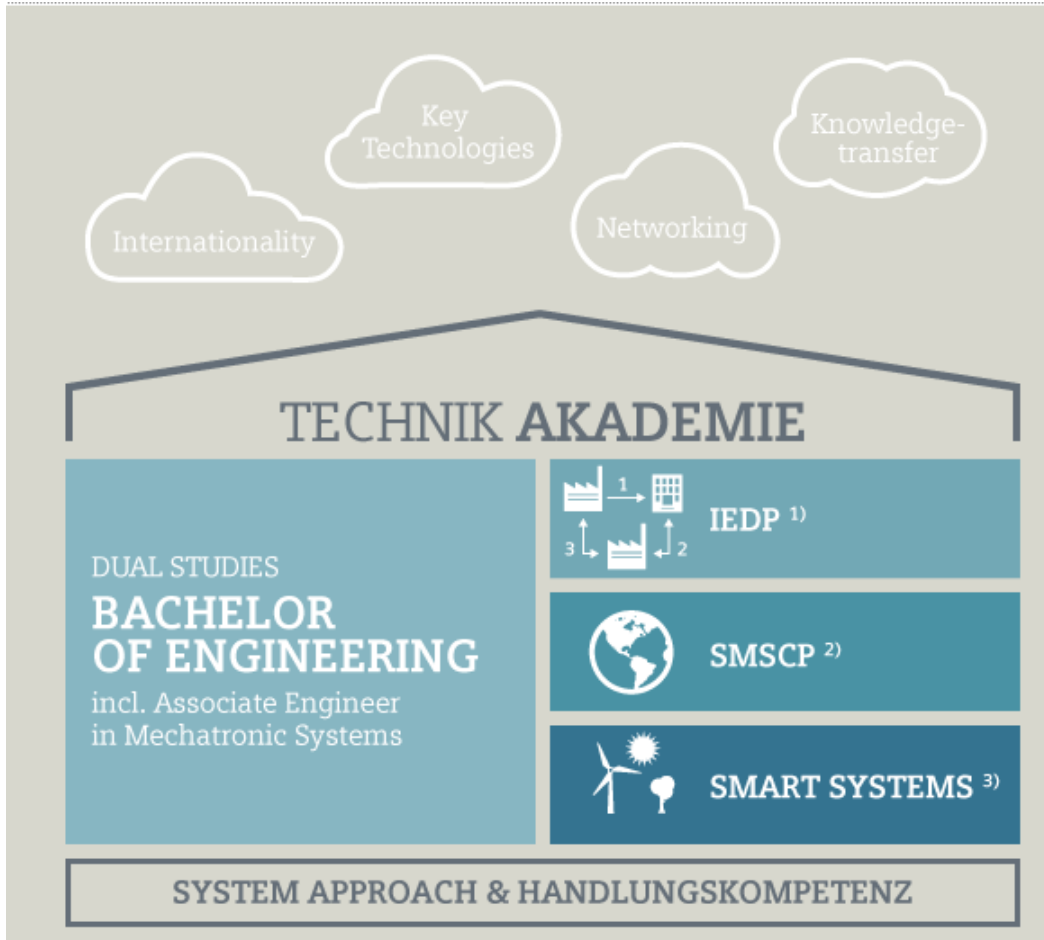
Dual Study Program and International Programs, Status May 2016

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Technik Akademie: General Information

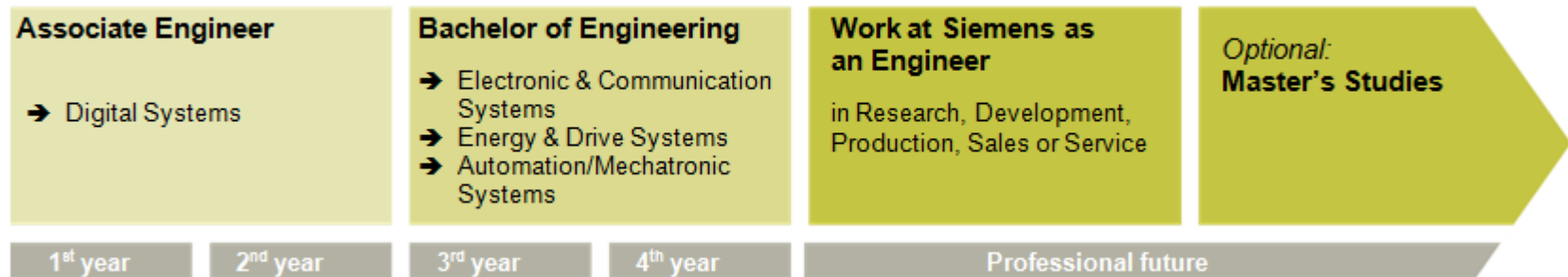


Next Generation workforce for Siemens as a global player

- 1) **IEDP:**
International Employee Development Program for international experts
- 2) **SMSCP:**
Siemens Mechatronic System Certification Program
- 3) **Smart Systems:**
Project room within the Siemens application fields focusing on automation, electrification and digitalization in order to create innovative educational concepts.

Associate Engineer & Dual Study Program

Typical Career Path:



Three Siemens Modules

→ Internship Preparation

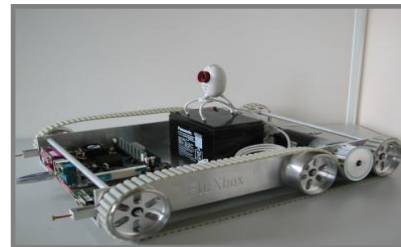


Curriculum Associate Engineer (1st & 2nd year)

Modules “Associate Engineer”

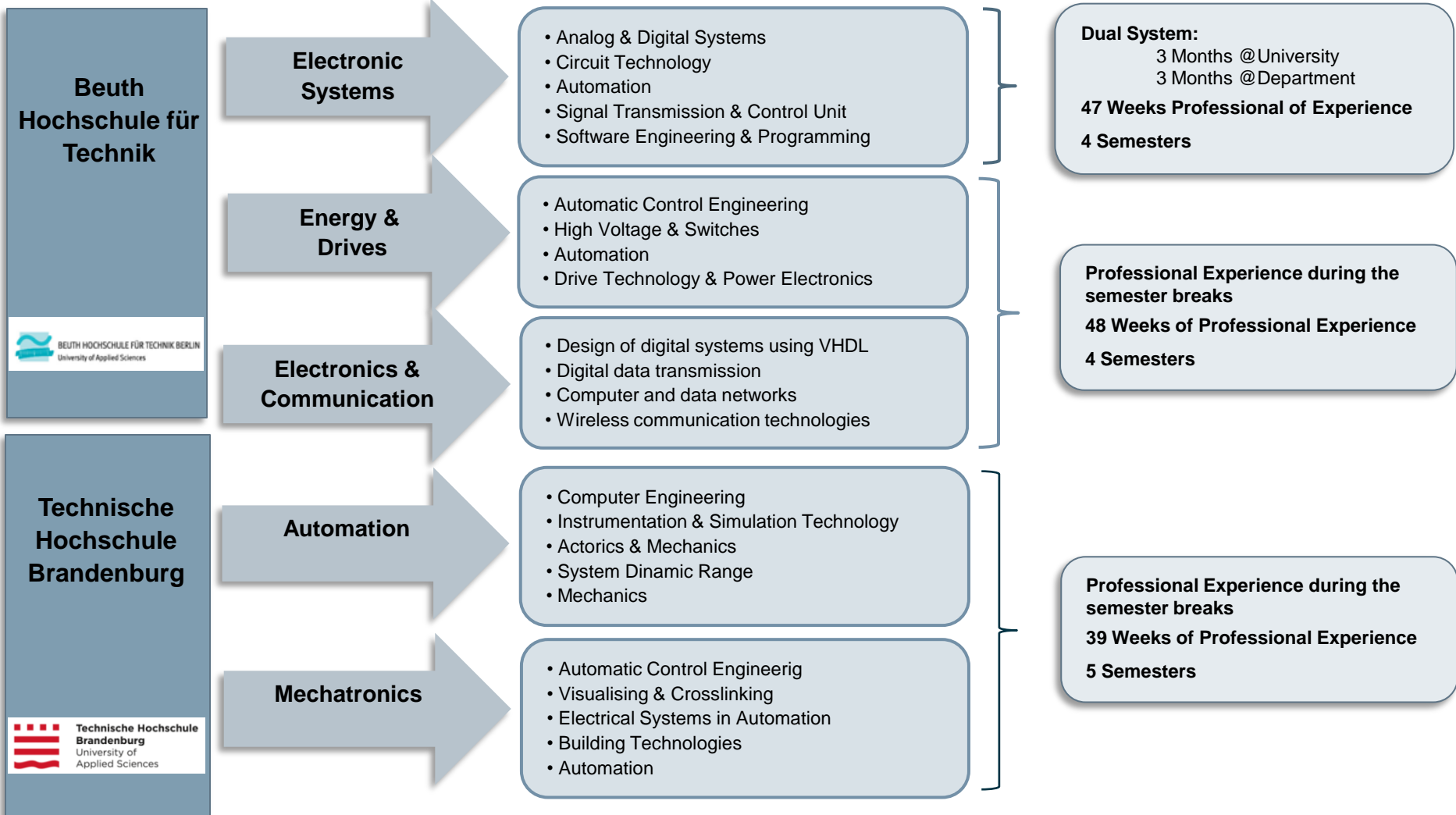
| |
|---------------------------------------|
| Mathematics & Physics |
| Operating Systems and Networks |
| Data Information and Network Security |
| Electrical Engineering |
| Analog Electronics |
| Software Development & Algorithms |
| Electrical Drives & Power Electronics |
| Fields & EMC |
| Signals & Systems |
| Automation Technology |
| Mechanical Engineering |
| PLC Programming |
| Business Studies + Communications |

Internship Periods @ Siemens Org.



2nd Semester Project

- ✓ Engineering-related
 - ✓ Inter-discipline
 - ✓ Duration 20 weeks
 - ✓ 1 project day per week
 - ✓ Work in teams
 - ✓ Challenging Task
-
- ✓ Construction (CAD)
 - ✓ Manufacturing of parts (CNC)
 - ✓ Electronics/ Sensors/ Drivers
 - ✓ Control via microcontroller
 - ✓ Programming in C
-
- ✓ Project management
 - ✓ Documentation and Cost tracking
 - ✓ Customer presentation



Summary Dual Bachelor of Engineering incl. Associate Engineer

2 accredited degrees in 4 years

- Associate Engineer
- Bachelor of Engineering

System understanding and engineering behavior

Advanced study course in specific departments:

- Electronic Systems
- Energy Systems
- Electronics and Communication Systems
- Automation Technology/ Mechatronic Systems

Customer specific modules –company specific knowledge/tools

More than 60 weeks of internships at company department

Strong communication and presentation skills in English



Contact



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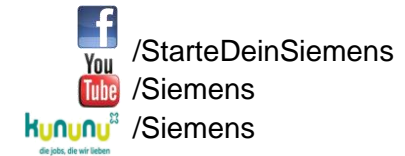
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