

Photovoltaics Engineering Science (M. Sc.)

| Semester | Credits (\approx Tuition Hours per Week) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---|--|--|--|----------------------------------|--|--|--|--|----|--|--|--------------------------------|--|----|--|--|--|--|----|------------------|--|--|--|----|--|--|--|--|
| | 1 | | | | 5 | | | | | 10 | | | | | 15 | | | | | 20 | | | | | 25 | | | | |
| 1. | Physics of the Solar Cell | | | | Crystalline Silicon Solar Cells | | | | Thin Film Solar Cells | | | | Cell and Materials Diagnostics | | | | Solar System Applications | | | | German Language | | | | | | | | |
| 2. | Solar Modules and Components | | | | System and Component Reliability | | | | System Design, Monitoring, Yield and Performance Analysis, Markets | | | | Storage Systems | | | | Electric Grids, Solar Energy Integration | | | | Business Studies | | | | | | | | |
| 3. | Master Thesis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | Credits | Share |
|--|--|---------|-------|
| | Modules directly related to solar energy engineering | 50 | 56% |
| | Soft Skills | 10 | 11% |
| | Master thesis | 30 | 33% |
| | | 90 | 100% |

The winter semester starts in October, the summer semester in April.

15 weeks of tuition are followed by 2 weeks of examinations. A second examination period of 2 weeks follows directly before the next tuition period.

Details are regulated in the study and examination plan of Anhalt University of Applied Sciences.

If a student decides to start in the summer semester, the modules of the above indicated 2nd semester will be taken before those of the 1st semester (semester sequence will then be 2-1-3)

Assignment of a specific subject to the first or second semester can change, but in total every semester has to contain 6 subjects.

In case of a change of assignment, it must be assured that students who started in winter or summer semester can embark in all courses.