Membrane Structures

Department 3
Architecture, Facility Management and Geoinformation

Campus Dessau

Master of Engineering

Consultant
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The Master and Archineer® program is targeting on graduates of bachelor or master courses in Architecture, Civil Engineering, Geo Informatics, Mechanical engineering, Textile Engineering, other studies or programs with only 6 semester period of study can also be accepted after successful checking by the admission board. Further requirement is a professional experience of at least 1 year.

The Master and Archineer® course started in 2006 for the first time. With more than 240 students now in the 10th year it became very successful.

SKILLS ACQUIRED

The Master and Archineer® program is a distance learning course in English language only, parallel to professional life. It is established to create a reliable standard of education in the field of textile building.

The information of this building method are concentrated, as well as the information about research and development. Safe standards of application can be created worldwide. The aim is to educate architects and engineers to design, build, erect, calculate and maintain wide span light weight structures.

After successful completion of the study the graduates receives the academic degree Master of Engineering in Membrane Structures, (M.Eng.), issued by the Anhalt University of Applied Sciences.

STUDY REQUIREMENTS

Bachelor or Master degree in Architecture, Civil Engineering and Surveying, or comparable academic programs of a minimum number of 8 semester study period (240 ECTS). At least one year of professional work experience.

Interests with non-academic background also can apply for the study at the successful completion of which, the non-academic title “Archineer® Membrane Structures” is granted. They participate as guest students of the Anhalt University. The application process is the same as that for the Master course students.

MAJOR FIELDS OF STUDY

- Architecture
- Membrane Program
- Structural Design and Detail
- Mechanical and Physical Properties
- Structural Design Concepts (Dimensioning)
- Studio Detailing and Patterning
- Internship Theory - Fabrication and Project Management
- Additional: Membrane Concepts, CAD Software, Structural Engineering
- Optional: Pneumatic Structures, Building Physics, Bionics, Foldable and Umbrellas, Membrane Surveying, Experimental Structures

PROGRAM DURATION

4 Semester

START OF PROGRAM

summer semester
COURSE FEE

Fees are payable for this degree program.