Composites (CFRP)
Master of Science | 60 ECTS
3 Semesters | Extra-occupational
The significance of composite technologies will strongly increase over the next years. The availability of study programmes on this subject is directly based on the demand from companies and research institutions for education and training in order for Germany to remain competitive in these key technologies in the future.

Carbon fibre-reinforced polymers (CFRP) and other composite materials are considered to be the material family of the future. These materials are particularly robust, non-corrosive and at the same time lighter than steel or aluminum. The CFRP industrial sector is predicted to grow by around 10% per year. Lightweight structures made of composite materials are increasing in importance across all industrial branches such as the automobile, mechanical engineering and plant construction, railway and shipbuilding industries. The demand of business enterprises and research institutions for engineers specialized in the field of composite structures who can work in positions at the interface between research, production and technology management will strongly increase.

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**CFRP – Key Technology as a Career Factor**

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**Study Programme in Short**

**Prerequisites** Degree in engineering or mathematical science with above-average marks and at least one year of professional experience.

**Start** October 1

International English version

**Application Process** written application, personal interview if necessary

**Application Documents** Application letter, letter of motivation, CV, copies of all official university diplomas and internship certificates, letter of reference from university, research centre or company, PFH Göttingen application form

**Tuition fees** 5,940.- EUR per semester

**One-time admin fee** 520.- EUR (waived for EU citizens)

**One-time enrolment fee** 420.- EUR

**One-time examination fee** 1,000.- EUR

**Financing** Exclusive financing possibility in cooperation with the Sparkasse Göttingen, individual consultation on scholarship programs
With the Economy for the Economy

Close interaction with the economy has been an integral part of PFH's concept since its foundation. The Board of Trustees is made up of companies from different branches of industry ranging from small- to medium-sized businesses to globally operating enterprises. Particularly important for the technological study courses in the field of CFRP are the Airbus “Center of Excellence” in Stade, one of the largest manufacturing locations for CFRP components in Europe, and CFK Stade e. V., a network of competency with more than 100 member companies and research institutes focusing on the CFRP growth market.

Curriculum Structure

The extra-occupational Master study programme takes place at PFH Hansecampus Stade, located in the direct vicinity of the Airbus Plant and CFK-Valley Stade e. V. The study programme lasts for 3 semesters with a total of 60 ECTS. The international English version of the Master programme contains four 16-day block seminars and one additional weekend block. The business administration module of the international programme is done via distance learning. The curriculum was designed in such a way as to enable working students to reconcile work and study.

Study Course Composites (CFRP) | Master of Science | 3 Semesters

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<th>Design of Multifunctional Composite Structures</th>
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Your Contact

Please do not hesitate to contact us for further information:

PFH Private University of Applied Sciences Göttingen
PFH Hansecampus Stade
Airbus-Straße 6
21684 Stade Germany

Prof. Dr.-Ing. Wilm F. Unckenbold
Vice-President for Technology
unckenbold@pfh.de
Tel. +49 [0]4141 7967-102

Prof. Dr. Joachim Ahrens
Vice-President for International Affairs
ahrens@pfh.de
Tel. +49 [0]551 54700-0

Prof. Dr.-Ing. Nikolay Avgustinov
avgustinov@pfh.de
Tel. +49 [0]4141 7967-0

Prof. Dr.-Ing. Richard Degenhardt
degenhardt@pfh.de
Tel. +49 [0]4141 7967-104

Prof. Dr.-Ing. Heinrich Fehren
fehren@pfh.de
Tel. +49 [0]4141 7967-0

Peggy Repenning
Management PFH Hansecampus Stade
repenning@pfh.de
Tel. +49 [0]4141 7967-111

Prof. Dr.-Ing. Marc Siebert
siebert@pfh.de
Tel. +49 [0]4141 7967-105