

„Stadt Kiel“ Scholarship

for the Faculty of Engineering at Christian-Albrechts-Universität zu Kiel

The City of Kiel has a good tradition of offering scholarships for students from the Baltic Sea Area. Among these scholarships, students can apply for

1 partial scholarship for a two years' master programme of the Faculty of Engineering,

either for the programme

- **Master in Materials Science and Engineering** or
- **Master of Science in Digital Communications.**

Master in Materials Science and Engineering

The course of materials science in Kiel focuses on functional materials for applications in fields like microelectronics, sensor technology, photo-voltaics or optics. Basic research, material's development, analysis, and process engineering are combined with topics such as economics and environmental issues to form a modern engineering course of study.

The Master course in materials science and engineering is an independent course consisting of 4 semesters. It is based on the basic course of materials science, but can also be chosen by students of related subjects with excellent Bachelor or Diploma degrees as well as students who graduated in, e. g., physics, chemistry, or electrical engineering. The varying entry qualifications result from the diversity of the subject and a rarity of special Bachelor courses in the area of materials science corresponding to North-American experience. The project has an international character. You will participate in modern materials research including semiconductor technology, ionics, polymers and microstructural analysis.

For further information and application forms, please refer to our homepage www.kielmat.com

Master of Science in Digital Communications

This Master course provides a thorough and modern education in digital communication and information technology. Starting from advanced courses in signals, information, and systems theory, the fields of coding theory, fast and especially optical data transmission, antennas, or semiconductor components are covered as well as aspects of data security, multimedia and network administration. Courses are accompanied by laboratory exercises and project work. The course takes 4 semesters including the 6-months thesis. It is open for qualified Bachelors in communication engineering; students with different qualifications are accepted after a decision on the equivalence of their background in, e. g., communication-oriented electrical or computer engineering.

For further information and application forms, please refer to our homepage

www.tf.uni-kiel.de/etech/NT/master/uk/welcome_start.html.

The Scholarship

The scholarship rate is € 540,00 monthly for the period October 1st, 2010 until September 30th, 2011. Students who show good results can assume that the grant will be awarded for another year in order to complete the full master programme. We can offer rooms in a student dormitory for € 180,00 to € 220,00. Fees for health assurance and social fee are about € 70,00. To top up their living, students can apply for one of our lab job possibilities.

Eligibility

Eligible are students who meet the criteria mentioned above. The applicant's academic record must be documented by officially certified credentials (transcripts, diplomas etc.) and two letters of recommendation from current or previous professors. A good working knowledge of English is absolutely necessary for all applicants. Non-native English speakers will document their proficiency in the language preferably by taking either the Test of English as a Foreign Language (TOEFL) or the test offered by the International English Language Testing Service (IELTS).

Application procedure

Applications for the Stadt Kiel-Scholarships will only be accepted when they are sent together with your application for the study programme to Dekanat Technische Fakultät, Kaiserstraße 2, D-24143 Kiel.

The applications must reach Christian-Albrechts-Universität by **February 15th, 2010**.