



DEPARTMENT

Department of Engineering Sciences

This department, with its hands-on Bachelor and Master courses, is the major educator of engineers in North-West Germany. Their involvement in practical research and projects ensures our students are always up to date with current developments. Building on their Bachelor degree, graduates can further qualify as a Master of Engineering with us. Dual courses are also possible in this department.

Jade University of Applied Sciences

Currently, Jade University has 7,600 students, 4,800 of them in Wilhelmshaven. Typical of life at the university are the friendly atmosphere and intensive support for students. Short paths, sport and relaxation on the beach or shopping in the NordseePassage shopping centre – apart from its maritime flair, Wilhelmshaven has lots to offer in your free time.

Fachbereich Ingenieurwissenschaften

Der Fachbereich ist mit seinen praxisorientierten Bachelor- und Master-Studiengängen „der Ingenieurinnen- und Ingenieurausbilder“ im Nordwesten.

Die Einbindung der Studierenden in praxisorientierte Forschung und Projekte sichert den aktuellen Standard unserer Ausbildung. Aufbauend auf dem Bachelorstudium wird eine Weiterqualifikation zum Master of Engineering angeboten. Auch ein duales Studium ist in diesem Fachbereich möglich.

Die Jade Hochschule

An der Jade Hochschule studieren derzeit 7.600 junge Menschen, 4.800 davon am Studienort Wilhelmshaven. Eine persönliche Studienatmosphäre und intensive fachliche Betreuung kennzeichnen das Studium an der Jade Hochschule. Kurze Wege, Sport und Entspannung am Südstrand oder Shoppen in der Nordsee-Passage – neben maritimem Charme hat die Nordseestadt Wilhelmshaven auch an Freizeitaktivitäten einiges zu bieten.



COUNSELING

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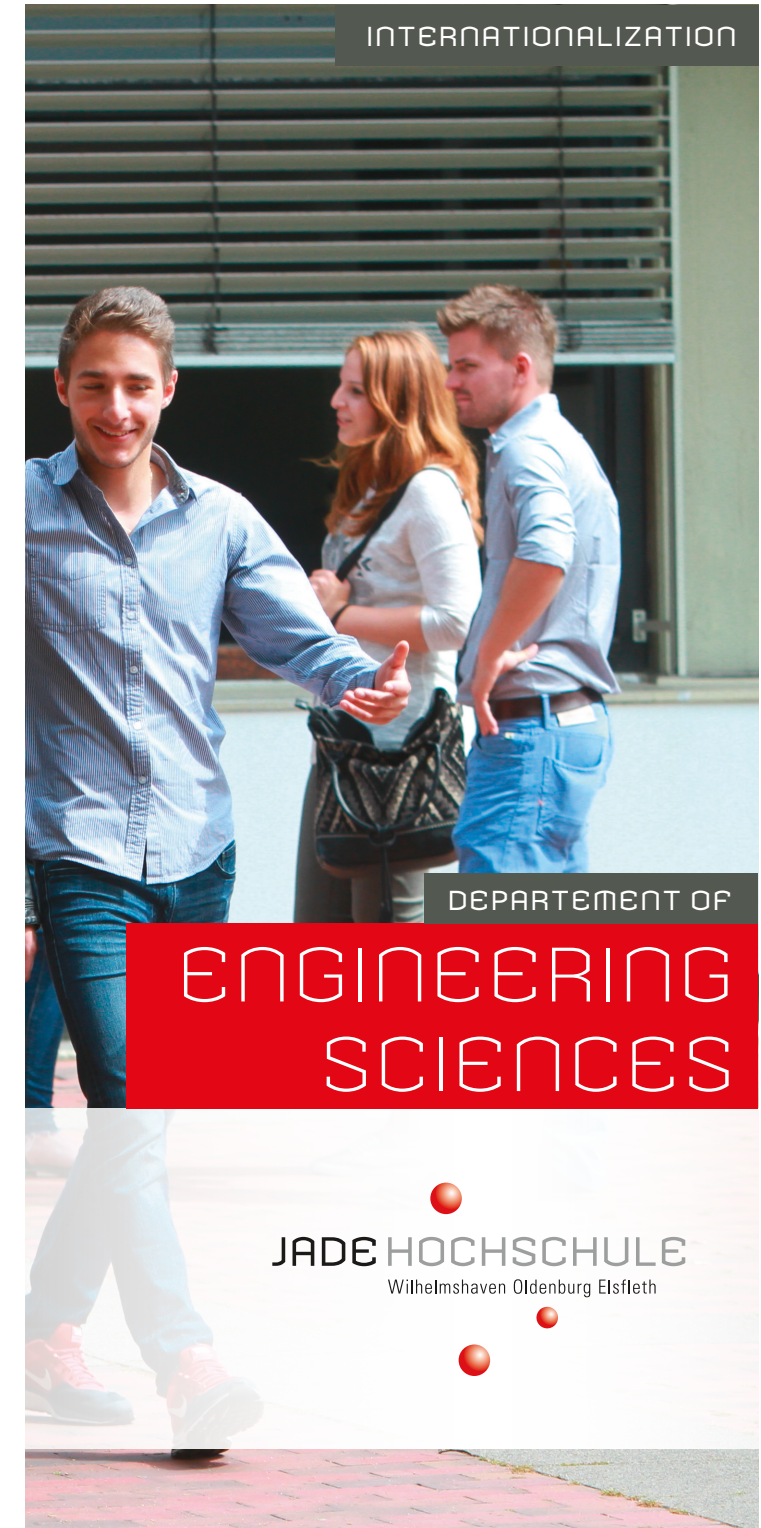
Department of Engineering Sciences

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INTERNATIONALIZATION

DEPARTEMENT OF

ENGINEERING SCIENCES

JADE HOCHSCHULE

Wilhelmshaven Oldenburg Elsfleth



Quality study abroad experience for international students

Small class sizes provide a best learning environment and allow close contact to professors and fellow students. A selection of internationally oriented lectures, our international Engineering Summer Schools, the French-German Project and the American-German Summer project reflect the commitment of the Department of Engineering Sciences to internationalize.

Theory and practice combined

We provide practical education. Most of our classes have a lab included. The industrial placement during project and Bachelor thesis give you the optimum qualification for today's highly specialised job market.

American-German cooperation

Since 1987 the Department of Engineering Sciences and the Department Management, Information, Technology have a cooperation with the Edward E. Whitacre Jr. College of Engineering, Texas Tech University, Lubbock, USA.

Qualitätsstudium im Ausland für internationale Studierende

Kleine Vorlesungsgruppen bieten die beste Lernumgebung und ermöglichen engen Kontakt zu Professoren und anderen Studierenden. Eine Auswahl von international orientierten Vorlesungen, unsere internationalen Engineering Summer Schools, das französisch-deutsche Projekt und das amerikanisch-deutsche Sommerprojekt spiegeln das Engagement zur Internationalisierung wider.

Theorie und Praxis kombiniert

Wir bieten ein praxisorientiertes Studium. Die meisten Vorlesungen werden durch ein Labor begleitet. Projekt und Bachelorarbeit in der Industrie bieten das Optimum der Qualifikation für den heutigen hochspezialisierten Arbeitsmarkt.

Amerikanisch-deutsche Zusammenarbeit

Seit 1987 arbeiten die beiden Fachbereiche Ingenieurwissenschaften und Management, Information, Technologie mit dem Edward E. Whitacre Jr. College of Engineering der Texas Tech University, Lubbock, USA zusammen.



terms	B.Eng. 240 ECTS										ETCS		
Jade University term two	project 18 ECTS					Bachelor thesis 12 ECTS					30 ECTS		
Jade University term one	lecture lab	4 SWS	module	4 SWS	lecture lab	4 SWS	module	4 SWS	lecture lab	4 SWS	module	4 SWS	30 ECTS
term 1-6	bachelor course of study at the home institution										180 ECTS		

German-American Summer Program

Each year for Bachelor students. Three different classes with American and German students.

Duration: 6 weeks in July/August

German-American Project

Every two years for Bachelor students. The project is split up in several small projects. In each project group American and German students work together.

Duration: March until September

Biomedical Engineering Summer School

Each year for Bachelor and Master students. The Department of Engineering Sciences and the International Office offer a three-week summer school in Biomedical Engineering. For Bachelor students "Basics of Biomedical Engineering" and for Master students "Biomedical Signal and Image Acquisition, Processing and Analysis".

Duration: 3 weeks in August/September



Additional German Bachelor degree

To make our department attractive to international students from one of our partner institutions around the world, we have developed a various Course Catalogue with lectures instructed in English. With an 180 CP Bachelor from your home institution, you can achieve an additional German B.Eng. degree.

French-German Project

This project is for Bachelor students of the IUT Bordeaux, France and of the Department of Engineering Sciences. The binational task is the development of cross platform smartphone apps.

Duration: March until September

International Summer School on Fluidic MEMS

Each year for Master students. The Department of Engineering Sciences and the International Office offer a three-week summer school on Fluidic MEMS. This course focuses on microfluidic systems, which are a subtopic of Micro-Electro-Mechanical-Systems (MEMS) concentrating on handling small amounts of fluids.

Duration: 3 weeks in August/September