



University of Applied Sciences

HOCHSCHULE
EMDEN • LEER



University of Applied Sciences Emden/Leer International Brochure

Ganz oben dabei.



TABLE OF CONTENTS

Welcome!	3	International relations	30
Introduction	4	Partner Universities	32
The University of Applied Sciences Emden/Leer	6	International Office	35
Studying successfully in East Frisia	8	Services for International Exchange Students	36
Research Foci	10	Services for International Degree Students	37
Research and Technology Transfer	12	Student Life	38
Overall concept	13	Language Center	40
Facts & Figures	14	Certificate International Competence	41
Overview all degree programs	16	University Sports	42
Overview international programs	18	Student Union (ASTA)	43
Faculties	20	Getting ready for Emden and Leer	44
Business Studies	22	Student Life – Meet our students	46
Maritime Studies	23	Career Service	47
Social Work and Health	24	City Information Emden	48
Technology	25	City Information Leer	49
Electrical Engineering and Computer Science .	26	Useful addresses	50
Mechanical Engineering	27	Map	51
Natural Sciences	28		

WELCOME!

Dear international students, faculty, friends and guests,

welcome to the University of Applied Sciences in Emden and Leer!

We are happy to meet you on our beautiful campus in the very northwest region of Germany. As you will see, the University of Applied Sciences Emden/Leer is a worthwhile place to study.

Our university consists of two locations and four faculties: On our main campus in Emden, we teach and study in the areas of Technical Science, Social and Health Sciences, and Business. Leer is the campus for our Faculty of Maritime Sciences. Overall, more than 4,500 students, 110 teaching professors, and 300 employees contribute to the lively community of our university.

We are proud to have many international students, and we take special care to accompany them in their life abroad; we are well aware of the contributions they make to our domestic students and faculty, and to campus life.

Our overall concept comprises three important elements:

- Our campus offers close contact between students and lecturers and thrives on its personal atmosphere;
- The university takes responsibility for sustainable development within our society;
- We aim to expand international cooperation in teaching, lecturing, and research activities.

We want to set the stage for an international atmosphere and a wealth of cultural activities on our campuses. We strongly believe that our international guests will do both: benefit from our international, open-minded and personal attitude, and contribute to it in much the same way.

Therefore, once again: We invite and welcome you to our campus and hope that you enjoy your stay in Emden or in Leer.

Yours sincerely,
Carsten Wilken



Prof. Dr. Carsten Wilken

Vice President for Teaching & Studies
and International Affairs





INTRODUCTION

A modern university of applied sciences with a personal flair:

Studying in Emden or Leer – that means studying at a university with a modern campus that exudes a personal ambience. There are currently around 4,600 students enrolled at the two locations. The university offers its students an intimate learning environment featuring a small group setting, accented by an engaging and project-oriented learning approach. Apart from imparting special know-how, the main educational objectives include the cultivation of creativity and team spirit as well as developing key skills. Committed professors, who utilise efficient and effective learning methods and consider the personal care of their students to be of utmost importance, make the university even more appealing.

Practice and future-oriented training:

At the University of Applied Sciences Emden/Leer students are given the opportunity to put their theoretical knowledge into practice at an early stage. Such opportunities take the form of a practical phase or practice semester that takes place in a team setting and is tailored to the conditions of the modern working world. All experts agree that in light of the growing shortage of qualified employees in Germany, the career prospects of the university graduates of “tomorrow” are excellent. Even temporary economic crises can do nothing to alter this basic trend. This applies particularly to academics who previously learned to perform practical tasks during their studies at a university of applied sciences.

Excellent conditions for learning and living:

East Frisia provides ideal conditions for a rewarding and economical course of studies. The cost of living for students in the medium-sized towns of Emden and Leer is lower than that for those studying in large cities and metropolitan areas. Students enjoy a short traveling time to the university from the town center, a distance that can be conveniently made on foot or by bike. On the campus they will find all the facilities they need for their studies under one roof while the various sports offered, particularly in the area of water sports, as well as art and cultural events and a host of bars and cafés provide a wide variety of leisure time activities.

Innovative and unique:

A broad spectrum of future-oriented, partially interdisciplinary and internationally oriented studies, are available to students: in Emden in the Faculties of Social Work and Health, Technology and Business Studies and in Leer in the Faculty of Maritime Sciences. The range of courses offered is continually updated and take into account the short-term changes in career requirements. Some subjects are taught solely at this university or only at a handful of other universities in Germany such as “Energy Efficiency”, “Mechanical Engineering and Industrial Design” and “Maritime Technology and Shipping Management”.

Qualifications for the working world of tomorrow:

The international qualifications “Bachelor” and “Master” have been introduced in all courses of studies. This two-stage structure creates a solid foundation for students to shorten the duration of their studies and commence with their career plans earlier. It also creates a solid foundation for lifelong learning, leads to greater flexibility in study and career planning and to the ability to evaluate academic achievements at an international level.



STUDYING SUCCESSFULLY IN EAST FRISIA

Well-integrated into an international network:

The University of Applied Science Emden/Leer is integrated into a network of international university cooperations. International collaboration is therefore a vital aspect of studying, teaching and research at the university. Contact to universities abroad provides students with favorable conditions for completing a part of their studies abroad. In various courses an exchange semester is even obligatory. The international network also contributes generously to the wealth of research work that professors are able to carry out in conjunction with foreign colleagues.

Service for prospective students:

The Student Counselling Service Office in Emden views itself as a point of contact for anyone interested in studying in Emden or Leer. The advisors have made it their goal to help prospective students select a course of studies by competently providing them with expert advice. Furthermore, they provide information about the dates of events so that students can familiarise themselves with the university and are pleased to arrange individual appointments for a “trial attendance” of lectures.

Courses of study for local employees:

Safeguarding a job or improving career prospects through further qualifications: Local employees can put plans into action by studying on a part-time basis. The courses “Inclusive Education in Early Childhood”, “Computer Science and Media Application” (online course of studies), “Interdisciplinary Physiotherapy-Motology-Occupational Therapy” and “Social Work and Health in the Context of Social Cohesion” are currently available. The Center for Lifelong Learning offers certificate courses.

Studying while completing a vocational training:

Anyone who decides to undertake a dual course of studies can earn a qualification in an apprenticeship or trainee trade in addition to his or her university qualification. Training phases take place at partner firms. A dual course of studies in the subjects “Electrical Engineering” or “Mechanical Engineering and Industrial Design” are currently offered at the University of Applied Sciences Emden/Leer.



Joint research with firms for sustainable solutions:

Most of the active research at the University of Applied Sciences Emden/Leer can be characterised by the motto Sustainability and Region. This consists of a broad range of topics in maritime studies, engineering, business administration as well as in social work and health management. They all have in common that they are pursuing the development of long-term solutions, often resulting in green technologies. One example that highlights this focus is Offshore Windenergy. All faculties of the university are involved in this research.

Typically researchers and practitioners, especially from SMEs, collaborate closely in research projects, thus ensuring that the solutions can be applied to real world scenarios. Students are very often invited to join these projects, in many cases with the opportunity of earning ECTS for their work. This fusionary approach represents a real-life example of the ancient university ideal of unifying teaching and research. A high ratio of internships in firms and master theses result from these collaborations. Students involved in such research projects also very often land subsequent job offers.

Membership in Germany-wide research associations, some of which comprising international branches and partners, clearly attests to outstanding scientific profile of the university. Examples of these research networks include “Industrial Informatics”, “Intelligent Energy Systems”, “Health and Nursing Sciences” as well as “Medical Technology”.



The Research Focus Sustainable Technologies:

The research focus Sustainable Technologies concentrates its work on issues related to the production and storage of wind energy, including offshore, biorenewables and energy efficiency. It is based in maritime technologies, logistics, chemical engineering, life sciences, optics, process engineering and mechanical engineering. Key words for this field include wind energy, offshore, biorenewables, energy efficiency, maritime technologies, logistics, chemical engineering, life sciences, process engineering, mechanical engineering, optical technologies, LNG and Power-to-Gas.

The Research Focus Industrial Informatics and Automation Systems:

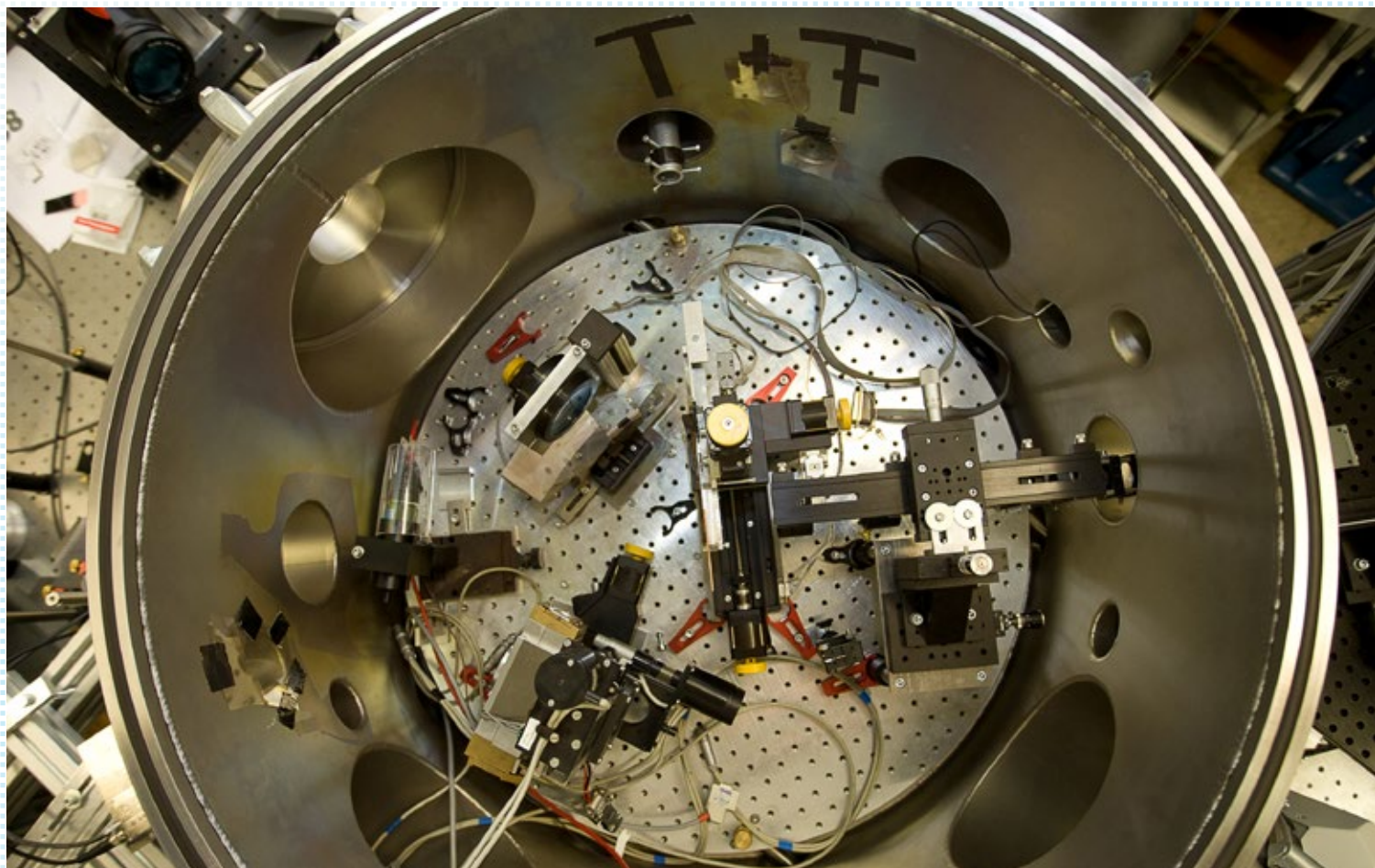
The research focus Industrial Informatics and Automation Systems considers a variety of issues related to flexible production through such approaches as the Digital Factory, the Virtual Mall, Intelligent Machines, and Collaborative Production Management (CPM). It is closely related to Industrial IT. This field can be characterised by Information-Communication-Control-Infra structures (ICCI), Real-Time Locating System (RTLS), Distributed Applications, Genetic Programming, Industrial Graphics, Cryptography, Distributed Agents, Embedded Control, Mechatronics, Robotics, Feedback control systems, Measurement and test engineering.

The Research Focus Resource Orientation in the Tension of the Individual and Society (ROTIS):

The research focus Resource Orientation in the Tension of the Individual and Society (ROTIS) starts with the individual in order to examine its role in social systems. It explores topics in the fields of business administration, social work and pedagogy. Its key words include Health Management, Didactics, Regional Research, Social Work, Social Pedagogy, Addictive Behavior, Management, Finance, Marketing, Accounting, Social Management, and Pedagogy.

PhD programs

The University of Applied Science Emden/Leer collaborates in each of these research foci with other German and international universities. Thus Emden/Leer is able to offer an array of PhD opportunities. Moreover, PhD students from our partner universities are welcome to join us in our laboratories or in our research projects in order to work on their theses.



Institutes for R&D and Technology Transfer:

- **HILOG (Logistics & Green Technology):**
Logistik und Green Technology
 - **EUTEC (Environmental Technology):** Umwelttechnik
 - **ILO (Laser Technology):** Institut für Lasertechnik
 - **IMuT (Media Technology):** Medien und Technik
 - **IzAR (Automation Systems, Robotics):**
Angewandte Informatik der Automatisierungstechnik /
Robotik / Software-Entwicklung
 - **MABi (Mechanical Engineering):**
Maschinen- und Anlagenbau
 - **INK (Telecommunication):**
Nachrichtentechnik / Kommunikationssysteme
 - **IIP (Product Development):**
Institut für integrierte Produktentwicklung
 - **ABIS (Analysis of indoor air pollution):**
Analytik- und Beratungsinstitut für Innenraumschadstoffe
 - **Institut für psycho-soziale Beratung (psycho-social advice)**
 - **IPRO-L (Project-oriented Teaching):**
Projektorientierte Lehre
 - **SPA (Academy for self-help and patients):**
Selbsthilfe und Patientenakademie
- The University of Applied Sciences Emden/Leer is involved in projects funded by Horizon2020, INTERREG, EFRE, DFG, BMBF and BMWI.

OVERALL CONCEPT OF THE UNIVERSITY OF APPLIED SCIENCES EMDEN/LEER

Our university and its campi

Our campi offer short distances between students and lecturers and thrive on their personal atmosphere. We aim at a strong feeling of belonging and are proud of our motivated staff. The students are always at the core of our activities. Our campi are lively and there is always time for public discussion and academic discourse.

Societal responsibility and sustainability

The university takes on responsibility for sustainable development within our society. We want our students to be able to meet future challenges in accordance with the principles of sustainability. Our research is oriented towards helping to solve global problems in technology, economy and society. As an institution, we would like to support sustainable development particularly in our own region.

The university offers regional incentives

We actively support the technological, economic and social development of the north-western region. Our work offers incentives for education in East Frisia and helps build up and maintain scientific networks. At the same time we represent our region nationally and internationally in the realms of education and research. Our university and its surroundings work closely together for the best possible results.

Interdisciplinary and international setup

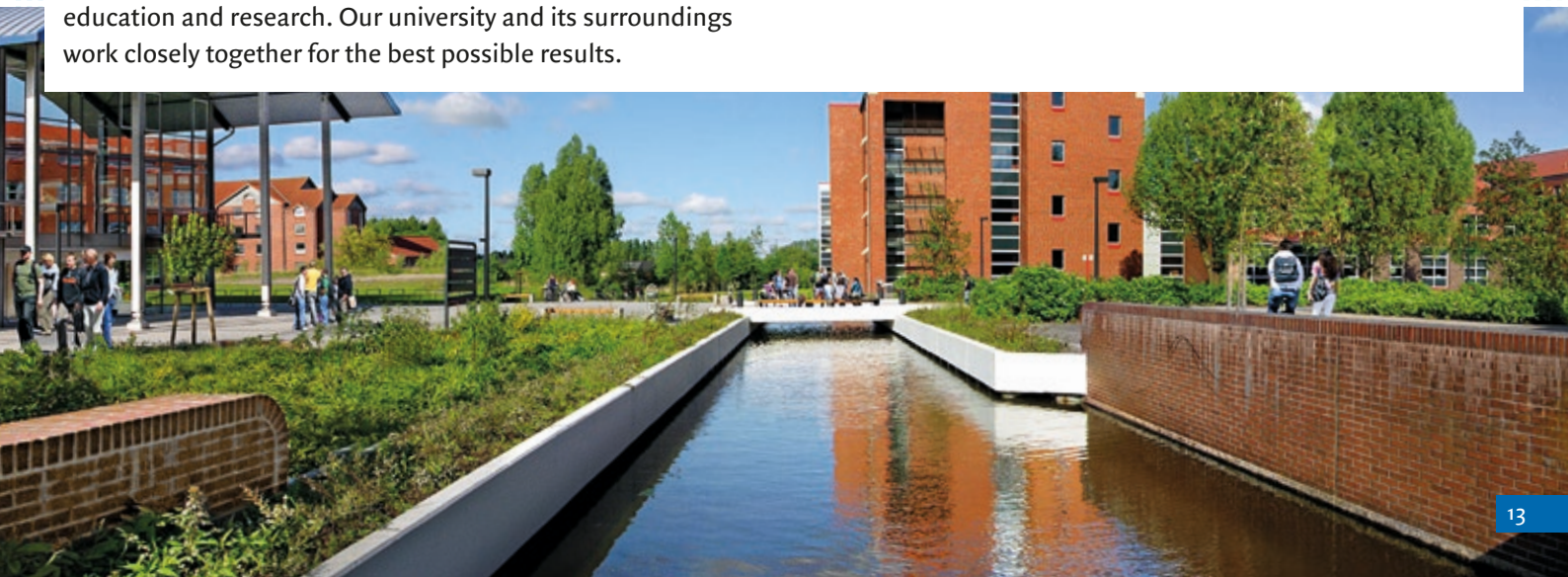
We aim at expanding interdisciplinary and international cooperation in lecturing and research activities. We want to set the stage for an international atmosphere and a wealth of cultural activities on campus.

Our students

In lecturing, our main goal is to take care of our students intensively and individually. We want to give them the qualifications to graduate successfully and enable them to take on responsible positions in businesses and organizations. We support them in developing their personality during the time they are with us.

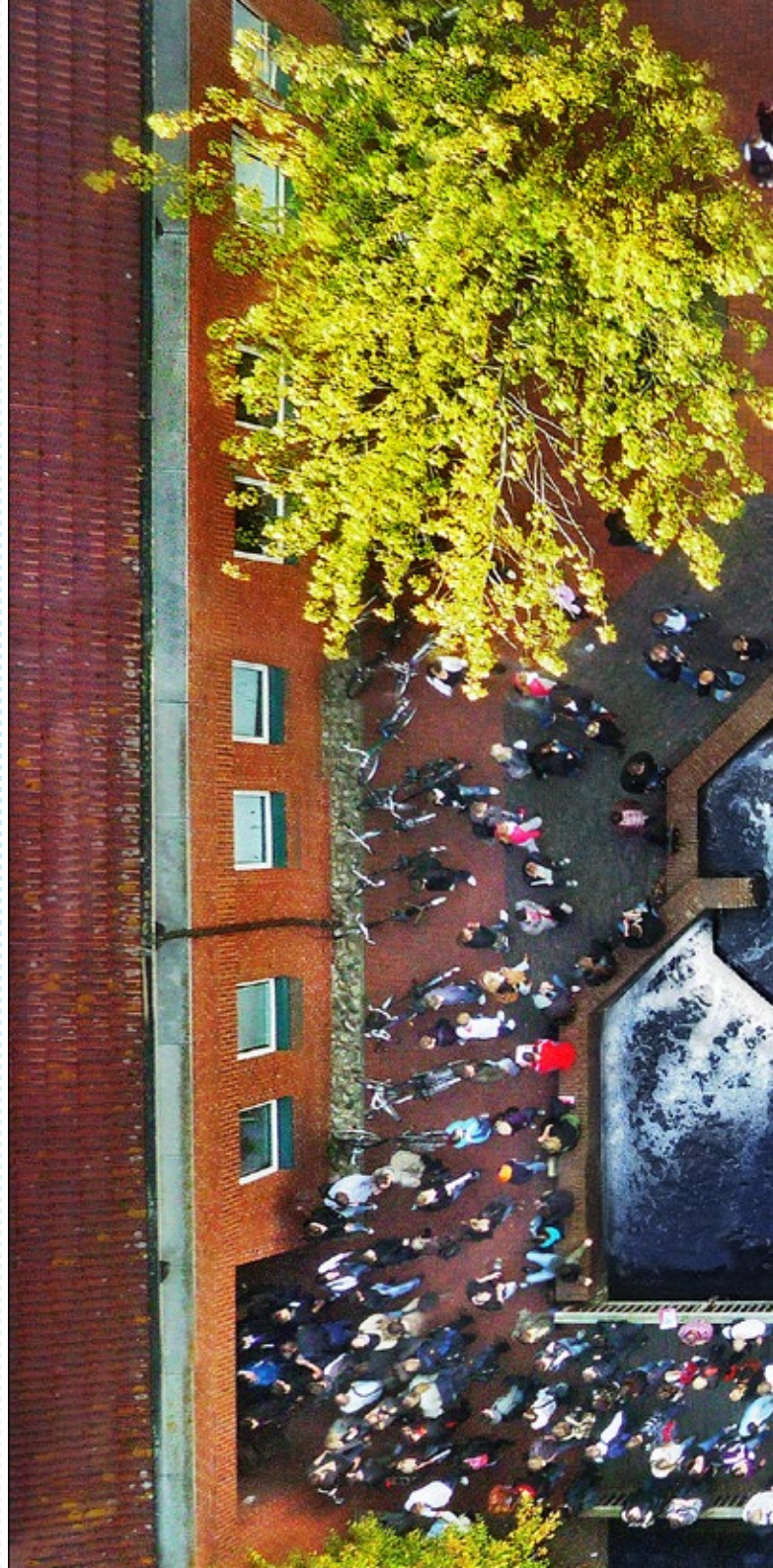
Our staff

Our staff is our team. We want to offer them job security and a place in which they can work along the guidelines of our overall concept with the highest degree of qualification and motivation possible. We try to create an atmosphere of professional freedom that caters to their individual needs.



FACTS & FIGURES

- Refoundation of the University of Applied Sciences Emden/Leer: 2009
- Number of students (2017 / 18): 4585
- Number of Faculties:
Business Studies, Maritime Sciences, Social Work & Health, Technology
- Number of degree programmes (2018):
24 Bachelor programs,
10 Master programs
- Number of personnel (31.12.17):
Functionaries 107,
Employees 336





OVERVIEW OF ALL DEGREE PROGRAMS

Faculty of Business Studies

Bachelor-Study Courses:

- Business Administration **** (6)
- International Business Administration* / ** (6)

Master-Study Courses:

- Business Management* (4)
- Management Consulting* (4)
(in cooperation with the University of Oldenburg)

Faculty of Maritime Sciences (in Leer)

Bachelor-Study Course:

- Nautical Science and Maritime Transport *** (8)
- Maritime Technology and Shipping Management (7)

Master-Study Course:

- International Master of Maritime Operations* / ** (4)

Faculty of Social Work and Health

Bachelor-Study Course:

- Early Childhood Education* (6)
- Interdisciplinary Physiotherapy-Motology-Occupational Therapy*** (6)
- Social Work* (6)
- Social and Health Management* (6)

Master-Study Course:

- Social Work and Health in the Context of Social Cohesion* (4)

- * = admission restricted
- ** = European study course
- *** = starting in summer and winter semester
- **** = is also offered as a dual study course
- () = total duration in semesters



Faculty of Technology

Bachelor-Study Courses:

- Biotechnology / Bioinformatics (7)
- Business Administration and Engineering
(Industrial & Business Systems IBS) (7)
- Engineering Physics (6)
(in cooperation with the University of Oldenburg)
- Electrical Engineering**** (7 or 8)
- Computer Science (7)
- Mechanical Engineering and Industrial Design***|**** (7)
- Media Technology (7)
- Computer Science and Digital Media (online)*** (7)

Interdisciplinary Study Courses:

- Sustainable Energy Systems* (7)
- Computer Science and Economics (online)*** (6)
- Renewable Energies Online (6)

Master-Study Courses:

- Applied Life Sciences*** (3)
- Engineering Physics*** (4)
(in cooperation with the University of Oldenburg)
- Industrial Informatics*|**** (4)
- Computer Science and Digital Media (online)*|**** (4)
- Technical Management (English)*|**** (3)
- Mechanical Engineering*** (3)



OVERVIEW INTERNATIONAL PROGRAMS

The University of Applied Sciences Emden/Leer offers the following degree programs with special international emphases.

Degree programs	Language (instruction)	Characteristics
Technical Management (MA)	English	3 semester study course for people with working experience, mediates detailed knowledge of technical and management operations, students will be prepared to implement project management functions and learn how to use and develop problem solving strategies in a creative and sovereign way.
Engineering Physics (BA and MA)	English, German	Cooperation with Carl von Ossietzky University Oldenburg
International Business Administration (BA)	German, selected lectures in English	Two foreign business languages, possibility of double degree*, mandatory semester abroad, internationally oriented bachelor thesis
Business Administration and Engineering (Industrial & Business Systems)	German, selected lectures in English	Mandatory semester abroad
Biotechnology (BA)	German	Possibility of double degree*, voluntary semester abroad
Sustainable Energy Systems	German, selected lectures in English	Travel semester possible
Industrial Informatics (MA)	German or English	3 semesters. Cooperation with worldwide universities
International Master of Maritime Operations (M. Sc.)	English	4 semester Master program in cooperation with Western Norway University of Applied Sciences – HVL (Haugesund), 1st sem. in Haugesund, 2 nd sem. in Leer, then specialization in Haugesund or Leer
Nautical Science and Maritime Traffic	German, sem. 7 th in English	

* with selected universities







FACULTIES

FACULTY OF BUSINESS STUDIES

Prof. Dr. Olaf Passenheim Dean of Faculty of Business Studies



“At the Faculty of Business Studies more than 40 professors and lecturers of all relevant fields of Business Administration offer academic teaching. Most of them have practical work experience with minimum of five years in management positions in companies or organizations. At the faculty we enjoy an abundance of experience with international contacts and programs. Since 1988 we have been establishing a wide international network. At the moment we are participating in over 40 ERASMUS+ agreements and also feature several overseas partners. All students of International Business Administration course study at least one semester abroad, predominantly at our partner institutions. Foreign students from our partners may study in Emden and complete their exchange term with an internship in our region. As one of few faculties in the northwest of Germany we offer a full academic year in English taught courses. A particular strength of the Faculty of Business Studies, the students enjoy the close contact of the teaching staff and our students. In our small classes we are constantly looking after and advising our students in all affairs concerning their studies, work place-ments and social activities. Our foreign guest students are regularly offered the opportunity to attend German language courses. Furthermore, German students assist foreign guests in handling administrative issues and help them with any other problems they may encounter.”

Special Features:

- International Project Week
- English program (English taught business subjects for exchange and resident students)

Contact

Head of International program:
Prof. Dr. Annika Wolf

✉ annika.wolf@hs-emden-leer.de

International Coordinators:

Vera von Hunolstein / Tanja Anschütz

✉ vera.von.hunolstein@hs-emden-leer.de

✉ tanja.anschuetz@hs-emden-leer.de



Degree programs

International
Business Admini-
stration B. A.
(6 Sem. / 180 Credits)

Business Adminis-
tration and En-
gineering (Indus-
trial & Business
Systems)
(7 Sem. / 180 Credits)

Business Adminis-
tration B. A.
(6 Sem. / 180 Credits)

Social and Health
Management B. A.
(6 Sem. / 180 Credits)

Management
Consulting M. A.
(4 Sem. / 120 Credits)

Business Manage-
ment M. A.
(4 Sem. / 120 Credits)

Computer Science
and Economics
B. Sc. (online)
(6 Sem. / 180 Credits)

- Member of the Nice Network
- several top group positions in CHE ranking
- double Bachelor and Master programs

FACULTY OF MARITIME SCIENCES

Prof. Dr. Marcus Bentin Dean of the Faculty of Maritime Sciences

“I cordially invite you to experience the fascinating world of state-of-the-art maritime sciences in the charming port city Leer.”



Special Features:

- More than 160 years of experience in educating maritime officers, engineers and managers
- Use of cutting-edge technology in education and applied research
- Become an expert for technical, logistical and environmental challenges in the maritime sector



Contact

University of Applied Sciences Emden/Leer
Faculty of Maritime Studies
Bergmannstraße 36, 26789 Leer

Head of International program:
Christiane Walden and Prof. Michael Vahs

- ✉ christiane.walden@hs-emden-leer.de
- ✉ michael.vahs@hs-emden-leer.de

Coordinator of Master program:
Wenke Meyer
✉ wenke.meyer@hs-emden-leer.de



Degree programs

Nautical Science and Maritime
Transport B. Sc.
(8 Sem. / 240 Credits)

Maritime Technology and
Shipping Management
B. Sc.
(7 Sem. / 210 Credits)

International Master of Mari-
time Operations M. Sc.
(4 Sem. / 120 Credits)



FACULTY OF SOCIAL WORK AND HEALTH

Prof. Dr. phil. Astrid Hübner

Dean of Studies of the Faculty of Social Work and Health

“Our multidisciplinary team of almost 40 lecturers is looking forward to welcoming you at the Faculty of Social Work and Health!

We will do our best to arrange an individual learning setting for you to experience an intense, instructional and memorable stay at our University.”

Field of Research

Resource orientation in the tension of individual and society (interdisciplinary perspective).

For example:

- Children, youth and family
- Democracy and Human Rights in Social Work
- Socially related cultural work
- Voluntary engagement
- Evidence based therapy
- Health Prevention and Workplace

Special Features:

- International week
- International Study- and Placement partners in Europe and Oversea
- Exchange program for international students “Supporting families, children and youths in their environment“ (30 ECTS - spring terms)

Contact

Head of International program:

Prof. Dr. Astrid Hübner

✉ astrid.huebner@hs-emden-leer.de

International Coordinator:

Corina Sandersfeld

✉ corina.sandersfeld@hs-emden-leer.de



Degree programs

Social Work and Health in the Context of Social Cohesion M. A.
(4 Sem./120 Credits)

Interdisciplinary Physiotherapy-Motology-Occupational Therapy
(6 Sem./180 Credits)

Social Work B. A.
(6 Sem./180 Credits)

Early Childhood Education B. A.
(6 Sem./180 Credits)

Social and Health Management B. A.
(6 Sem./180 Credits)



FACULTY OF TECHNOLOGY

Prof. Dr. Sven Steingeweg
Dean of the Faculty of Technology

“Welcome to the Faculty of Technology at the University of Applied Sciences Emden/Leer!

Welcome to the largest faculty of the university with 2,100 students and more than 130 staff members. You may pursue a degree in one of 15 bachelor or 6 master programs. We are offering programs in electrical engineering, computer sciences, life sciences, physics, mechanical and industrial engineering. We will advise you concerning the choice of your classes or subjects. Or you can choose a student project or research project in one of our labs! Enjoy your stay in Emden!”

Contact

Dean of Faculty of Technology:
Prof. Dr. Sven Steingeweg

✉ dekan.technik@hs-emden-leer.de



3 Departments:

- Electrical Engineering and Computer Science
- Mechanical Engineering
- Natural Sciences



ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

Prof. Dr.-Ing. Armando Walter Colombo Head of International program

“When digitalized and networked devices, machines, whole factories and people communicate with each other, when all of them are able to exchange a big amount of digitalized data and information, when all of them are smart and able to learn and collaborate, it changes the form how we work, how we think and do, and particularly what we need to know in order to live inserted in such an “informatized and digitalized” Ecosystem. Our Electrical Engineering and Computer Science department offers a well-suited spectrum of careers for you to find answers to those questions and to learn how to understand, to design, to develop, to control and to manage those smart systems that are part of this digital economy.”

Special Features:

- Internship semester for exchange students
- Projects (also for final thesis) possible in English in our well-equipped laboratories
- Projects (also for final thesis) in cooperation with selected national and international research, academic and industrial partners
- Selected English taught technical courses for exchange and degree students
- Dedicated English taught Master Program for exchange and degree-seeking students

Contact

Head of International program:
Prof. Dr.-Ing. Armando Walter Colombo

✉ awcolombo@technik-emden.de



Degree programs

Electrical Engineering B. Eng.
(7 Sem./ 210 Credits)

Media Technology B. Eng.
(6 Sem./ 180 Credits)

Computer Science B. Sc.
(7 Sem./ 210 Credits)

Computer Science and
Digital Media Online B. Sc.
(6 Sem./ 180 Credits)

Electrical Engineering B. Eng.
(8 Sem./ 240 Credits)

Industrial Informatics M. Eng
(3 Sem./ 90 Credits) (English
track and German track)

Computer Science and
Digital Media Online M. Sc.
(7 Sem./ 210 Credits)

Computer Science and
Economics B. Sc. (online)
(6 Sem./ 180 Credits)

MECHANICAL ENGINEERING

Prof. Dr. Andreas Haja
Head of International program

“A cordial welcome to the department of Mechanical Engineering! We offer you a wide range of interesting studying possibilities. With a degree in Mechanical Engineering you will unlock the door to a whole range of attractive career opportunities: The construction of products, design and engineering of machines, research and development, production technology, or even marketing and sale of technical products. Also, the integration and supervision of international students has a long-standing history in our department. We are looking forward to seeing you soon!”

Special Features:

- Projects possible in English in our modern and well-equipped laboratories
- English lecture program available

Contact

Head of International program:
Andreas Haja

✉ andreas.haja@hs-emden-leer.de



Degree programs

Electrical Engineering and
Industrial Design B. Eng.
(7 Sem. / 210 Credits)

Business Administration and
Engineering (Industrial &
Business Systems)
(7 Sem. / 210 Credits)

Mechanical Engineering and
Industrial Design B. Eng.
(7 Sem. / 210 Credits)

Technical Management
M. Eng. (English Lectures)
(6 Sem. / 180 Credits)

Mechanical Engineering and
Industrial Design
(for professionals)
(9 Sem. / 240 Credits)

Energy Efficiency B. Eng.
(Interdisciplinary study program)
(7 Sem. / 210 Credits)

Mechanical Engineering
M. Eng. (German Lectures)
(7 Sem. / 210 Credits)

Computer Science and
Economics B. Sc. (online)
(6 Sem. / 180 Credits)

NATURAL SCIENCES

Prof. Dr. Klaus Scharfenberg Head of International program

“Strong engineering skills combined with a firm grasp of basic underlying science principles and mathematics are the qualities that have made German engineers the benchmark for comparison throughout the world. The Bachelor’s and Master’s degree programs, partially offered in a unique collaboration with the University of Oldenburg, are designed to equip our graduates with exactly these qualities.

Different Physics and Life Sciences study programs including Sustainable Energy Systems as an interdisciplinary study program offer promising career opportunities. The study courses are embedded within a well-developed research environment, guaranteeing a state-of-the-art education for qualified national and international students.”

Special Features:

- Engineering Physics in cooperation with the Carl-von-Ossietzky University Oldenburg

Contact

Head of International program:
Prof. Dr. Klaus Scharfenberg

✉ klaus.scharfenberg@hs-empden-leer.de

Degree programs

Biotechnology /
Bioinformatics B. Sc.
(7 Sem. / 210 Credits)

Engineering Physics B. Eng.
(German and English Lectures)
(6 Sem. / 180 Credits)

Chemical Engineering /
Environmental Engineering
B. Eng.
(7 Sem. / 210 Credits)

Engineering Physics M. Sc.
(German and English Lectures)
(4 Sem. / 120 Credits)

Sustainable Energy Systems
B. Eng.
(German and English Lectures)
(7 Sem. / 210 Credits)

Applied Life Sciences M. Eng.
(3 Sem. / 90 Credits)







INTERNATIONAL RELATIONS

PARTNER UNIVERSITIES

Albania

European University of Tiran

Argentina

Universidad de Ciencias Empresariales y
Sociales, Buenos Aires

Universidad Tecnológica Nacional, Santa Fe

Austria

FH St. Pölten

FH Ober-Österreich Linz

Alpen-Adria-Universität Klagenfurt

Australia

University of the Sunshine Coast

Belarus

Minsk State Linguistic University

Polotsk State University

Belgium

University Colleges Leuven-Limburg

Haute Ecole Bruxelles-Brabant (HE2B)

PXL University College

Antwerp Maritime Academy

Bulgaria

Plovdiv University "Paisii Hilendarski"

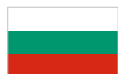
Canada

Vancouver Island University

China P.R.

Hefei University, Anhui

Zhejiang University of Science
and Technology, Hangzhou



Chile

Universidad Finis Terrae

Czech Republic

Technical University of Liberec

College of Polytechnics Jihlava

Denmark

University College Lillibælt

Svendborg International Maritime Academy (SIMAC)

Fiji (Republic of)

The University of South Pacific

Finland

Savonia University of Applied Sciences

Åland University of Applied Sciences

Oulu University of Applied Sciences

Tampere University of Applied Sciences

Centria University of Applied Sciences

Novia University of Applied Sciences

Turku University of Applied Sciences

HUMAK University of Applied Sciences

France

Université de Bordeaux

Université Bretagne Loire

Université Grenoble Alpes (UGA)

Université des Sciences et Technologies de Lille

ESDES Université Catholique de Lyon

Université de Lorraine

Institut Supérieure de Rééducation Psychomotrice (ISRP)

Université de Rennes

Ecole Nationale Supérieure de Chimie de Rennes

ESTS – Ecole Européenne Supérieure en Travail Social

ESTACA Ecole Supérieure des Techniques Aéronautiques et de
Construction Automobile



Greece

Eastern Macedonia and Thrace Institute
of Technology
University of Crete
Western Greece University of Applied Sciences



Hungary

Corvinus University of Budapest
University of Pécs
Budapest University of Technology and Economics



Iceland

University of Iceland



India

Chitkara University



Ireland

Athlone Institute of Technology
Cork Institute of Technology
Institute of Technology Blanchardstown
Institute of Technology Dundalk
Galway-Mayo Institute of Technology (GMIT)
Institute of Technology Tralee



Israel

Sapir College
Ashkelon Academic College



Ivory Coast

Institut National de Formation Sociale, Abidjan



Jordan

German-Jordanian University, Amman



Korea (Republic of)

University of Ulsan



Latvia

Rezekne Academy of Technologies
Latvian Maritime Academy
RISEBA University of Business Arts and Technology



Lithuania

Vilnius University
Vilnius Gediminas Technical University



Luxembourg

Université du Luxembourg



Malaysia

Limkokwing University of
Creative Technology



Mali

Institut National de Formation
des Travailleurs Sociaux, Bamako



Mexico

Universidad Popular Autónoma del
Estado de Puebla
Benemérita Universidad
Autónoma de Puebla



Netherlands

Saxion University of Applied Sciences
Hanze University of Applied Sciences
Windesheim University of Applied Sciences



Norway

Norwegian University of Science and Technology
Nord University
University College of Southeast Norway
Western Norway University of Applied Sciences –
HVL (Haugesund)



PARTNER UNIVERSITIES

Peru

Universidad San Ignacio de Loyola, Lima



Poland

University of Gdansk

Poznan University of Technology

Wroclaw University of Technology

Wroclaw University of Economics

Lazarski University

State University of Applied Sciences in Konin

Akademia Morska w Gdyni



Portugal

Universidade Nova de Lisboa

University of Trás-os-Montes and Alto Douro



Romania

Universitatea “Babes-Bolyai”

Universitatea “Tibiscus” din Timisoara

Universitatea “Alexandru Ioan Cuza” din Iasi

Universitatea “Vasile Alecsandri” din Bacau

Universitatea Politehnica din Timisoara



Russia

The Northern (Arctic) Federal

University Archangelsk

Saint-Petersburg State Polytechnical University

ITMO University, St. Petersburg

Moscow Region State University



Spain

Universitat Politecnica de Catalunya

Universidad del Pais Vasco

Universidad Miguel Hernández de Elche

Universidad de a Coruña

Universidad de León



Universidad de Jaén

Universidad Complutense de Madrid

Universidad de Murcia

Universidad Politécnica de Cartagena

Universidad de Oviedo

Universidad de Sevilla

Universidad de la Laguna

Universidad de Vigo

Universidad de Zaragoza

Universidad de Málaga

Mondragon Unibertsitatea

Sweden

Linnaeus University

Blekinge Institute of Technology



Turkey

Bogazici University

Bahcesehir University

Beykent University

Istanbul Esenyurt University

Izmir University of Economics



United Kingdom

The University of Hull

Bournemouth University

The Nottingham Trent University

Edge Hill University

University of Warwick

Northumbria University



Unites States of America

North Dakota State University (NDSU)

Southern Utah University (SUU)

Presbyterian College

San Diego State University



INTERNATIONAL OFFICE

Andrea Meyenburg Head of International Office

The International Office is the central unit for international relations at the University of Applied Sciences Emden/Leer. If you intend to stay for one or two semesters as a guest student or as a degree student pursuing a Bachelors or Masters degree, we look forward to supporting you. The International Office works effectively together with the various faculties and staff members to optimise your stay at the University of Applied Sciences Emden/Leer. This guide is developed to give you an overview about studying and living in Emden or Leer.

We look forward to meeting you.



Room T 101
[www.hs-emden-leer.de/
einrichtungen/international-office](http://www.hs-emden-leer.de/einrichtungen/international-office)



Andrea Meyenburg

Head

+49 49 21 807-13 75
andrea.meyenburg@hs-emden-leer.de

Katja Hakkarainen

Dep. Head

+49 49 49 21 807-13 79
katja.hakkarainen@hs-emden-leer.de

Janine Hülsen

Outgoing students

+49 49 21 807-13 72
janine.huelsen@hs-emden-leer.de

Griet Alberts

Exchange- / Erasmus + students

+49 49 21 807-13 78
griet.alberts@hs-emden-leer.de

Marina Gastmann

Degree-seeking students

+49 49 21 807-13 69
marina.gastmann@hs-emden-leer.de

SERVICES FOR INTERNATIONAL EXCHANGE STUDENTS

Consultancy and support services

International exchange-students (e.g. Erasmus+), who normally pursue a one or two semester long study period at the University of Applied Sciences Emden/Leer will receive guidance in various aspects of life in order to ensure that they enjoy a pleasant and successful start at the University.

Accommodation

The International Office supports the international exchange students in finding an accommodation if they encounter problems finding something on their own. While the International Office cannot assume responsibility for finding something suitable, it is more than happy to provide addresses and links for finding furnished accommodation.

Buddy-Program

please see page 35

Enrollment procedure

The International Office strives to ensure a smooth flow in the enrollment process for international exchange students, which includes the process of obtaining a CAMPUS CARD with Semester Ticket (provides free usage of public transportation in Lower Saxony).

Integration measures

The International Office organizes a separate Orientation program for new international exchange students including the following events and activities:

- Welcome reception, introduction to the University Emden/Leer and surrounding areas, city-rallye, excursions (for example Hamburg)
- German language course (40 h intensive)
- Leisure program (e.g. bowling, visit to the local art gallery, get-togethers at different bars in Emden and much more)

German Language Course

The International Office offers weekly German courses during the semester (in fall and in spring term) 60 hours / course / beginner and advanced courses / 5.0 ECTS credit points / no fees.

Excursions and Trips

In addition to the academic assistance, the International Office offers diverse social and leisure time activities. Through regional and national trips as well as excursions students have a great chance to become acquainted with their new living and studying environment.

International Events

please see page 35

Work Placement

The International Office and the Chamber of Industry and Commerce of Ostfriesland and Papenburg support international exchange students, who have studied at the University of Applied Sciences Emden/Leer for at least one semester, in their search for work placements.

MyCampus

please see page 35

Contact

Griet Alberts

International Student Advisor (exchange- /ERASMUS+ students)

☎ +49 49 21 807-13 78

📠 +49 49 21 807-13 97

✉ griet.alberts@hs-emden-leer.de

Application Deadlines:

Fall Term: 31st May

Spring Term: 30th November

SERVICES FOR INTERNATIONAL DEGREE-SEEKING STUDENTS

For international students who plan to complete a Bachelor / Master's degree at the University of Applied Sciences Emden/Leer, the International Office provides a wide range of information regarding inquiries into studying in Emden/Leer, application and admission information as well as consultancy regarding locating an apartment and other accommodation requests. For international students, who are already enrolled at the University of Applied Sciences Emden/Leer, the International Office offers various support and consultancy services which aim to facilitate the development of an effective learning and living environment during their studies in Emden.

Consultancy services for enrolled students

- Semester salutation and general consultancy for new international students
- Consultancy in locating an apartment and other accommodation requests
- Assistance relating to questions concerning public authority formalities
- Consultancy regarding difficult study situations
- Consultancy regarding studying abroad
- Consultancy regarding scholarships and funding requests

Buddy-Program

This program provides support to new international students before and during their studies at the university and to deepen the intercultural exchange on campus. Prospective international exchange and degree students participating will receive support in initial practical and academic questions and will get a good insight in the student life and daily life atmosphere in Germany. The participation at the Buddy-Program is free of charge!

Excursions and Trips

In addition to academic assistance, the International Office offers diverse social and leisure time activities. Through regional and national trips as well as excursions related to topics such as the local economy, society, art, history, and regional and cultural studies, new and current students have a great chance to become acquainted with their new living and studying environment.

German Language Course

The International Office offers weekly German courses during the semester (in fall and in spring term) 60 hours / course / beginner and advanced courses / no fees.

International Events

International Evenings: International students meet, cook and celebrate together while introducing their home university and country.

Work Placement

The International Office and the Chamber of Industry and Commerce of Ostfriesland and Papenburg support international students, who have studied at the University of Applied Sciences Emden/Leer for at least one semester, in their search for work placements.

MyCampus

MyCampus is an interdisciplinary institution and provides support around the topics learning and teaching. The aim is to ensure the academic success and the competence development of students.

Contact

Marina Gastmann

International Student Advisor (degree-seeking students)

☎ +49 49 21 807-13 69

🖨 +49 49 21 807-13 97

✉ marina.gastmann@hs-emden-leer.de

For detailed information about the application process for international degree students, please contact the Student Counselling Service.

✉ zsb@hs-emden-leer.de







STUDENT LIFE

LANGUAGE CENTER

The Language Center (*das Sprachenzentrum*) supervises and supports students who, in addition to their studies, would like to learn a new language or expand and consolidate their foreign language skills. Our extensive program of language courses ranges from general lectures to specific courses for specific purposes (business and technology).

Our courses are primarily aimed at students whose degree program includes one semester at a foreign university or an internship abroad (e. g. International Business Administration, Industrial and Business Systems), but also those whose study modules contain a language. Furthermore, students of all faculties can take part in our courses, if there are still places available.

As an international student you are welcome to register for a wide variety of language courses including, inter alia, Dutch, English, Esperanto, Finnish, French, Low German, Norwegian, Russian, and Spanish. Since we provide language learning at different levels, we are sure you will find a course which will meet your requirements.

Participating in a tandem offers you the possibility to share your native language skills with a German student who will support you with the German language. If your mother tongue is English, French or Spanish, you can become a language tutor. Language tutors are international students who offer support to a group of German students who want to improve their speaking skills. You can also contact us if you are interested in partaking in a tandem or becoming a language tutor.

If you have any questions, feel free to contact our language lecturers:

Ms. Beatriz Muñoz Vicente

Head of Language Center

✉ beatriz.munoz@hs-emden-leer.de

Ms. Claire Faget

✉ claire.faget@hs-emden-leer.de

Ms. Carmen Nemeth

✉ carmen.nemeth@hs-emden-leer.de

Ms. Christiane Walden

✉ christiane.walden@hs-emden-leer.de

Contact

Sprachenzentrum – Language Center

Constantiaplatz 4

26723 Emden

Dr. Beatriz Muñoz Vicente

Head of the Language Center

✉ beatriz.munoz@hs-emden-leer.de



CERTIFICATE INTERNATIONAL COMPETENCE EMDEN/LEER (CICEL)

Facing globalization and the internationalization of the job market, university graduates more and more need to act in surroundings and prove competency in intercultural settings. Not least because of this development, the University of Applied Sciences Emden/Leer offers its students the possibility to acquire the Certificate Intercultural Competence Emden/Leer (CICEL) in order to prove intercultural competence for the upcoming professional life.

In this way, the CICEL is to be understood as a comprising certificate that proves your intercultural competences and describes the conducted components. It is an acknowledgement of your intercultural involvement that you performed during your studies, additionally to your regular academic achievements. You may use the certificate for applications and the start of your professional life to demonstrate your intercultural soft skills. Yet, it is not only the formal proof of intercultural competences that you benefit from, but also the personal and cultural experiences that leads you to cross-cultural change of perspective, self-reflection and broadening of the mind.

The Certificate Intercultural Competence Emden/Leer (CICEL) consists of four different components and is offered in cooperation between the International Office and MyCampus. In order to receive the certificate, a minimum of three out of these four components need to be conducted (Intercultural Training as compulsory component).



Four Steps to Go

Step 1: Register for the certificate at the International Office website.

Step 2: Conduct three of the four components (whereby the Intercultural Training is a compulsory component).

Step 3: Fill in the application for issuing of the certificate (incl. all necessary verifications) and hand it in at the International Office.

Step 4: After processing and successfully checking your application, the International Office will contact you via e-mail as soon as the certificate can be picked up at the International Office.

UNIVERSITY SPORTS

At the University of Applied Sciences Emden Leer, you have the great opportunity to do sports at and around the campus. We offer various possibilities to be physically and sportingly active. Best of all, the weekly sports classes are free for you as a student! Besides the weekly sports program there are some special sport events. Especially you get the chance to get to know the seaside of eastfrisia through sailing, kite- and windsurfing.

You can get all information here:

www.hs-emden-leer.de/studium/studentisches-leben/hochschulsport.html

Contact

The team of university sports

☎ +49 49 21 807-10 61

✉ hochschulsport@hs-emden-leer.de

Rooms: office in the lüttje studi huus, G267

The students' health management which is associated to the university sports strives to make university life more pleasant, more attractive, and thus healthier. It aims to support students and their health in a simple and varied way, e. g. through "Health Days" or supporting our "After Work Market".

You can get all information here:

www.hs-emden-leer.de/studium/studentisches-leben/hochschulsport/studentisches-gesundheitsmanagement.html

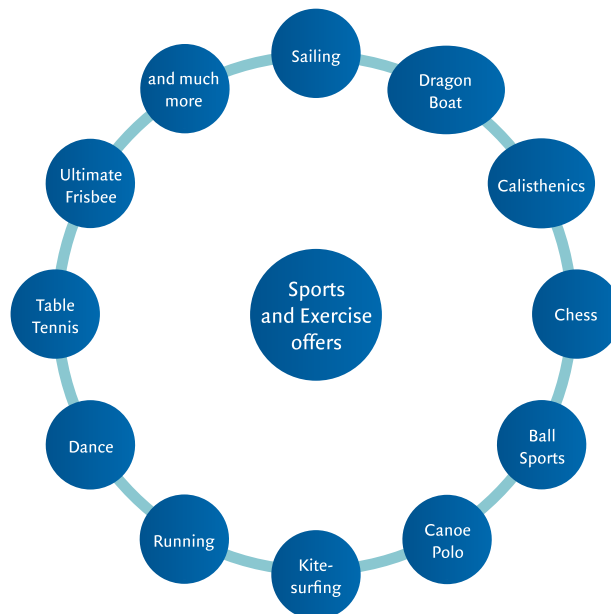
Contact

The team of students' health management

☎ +49 49 21 807-10 63

✉ sgm@hs-emden-leer.de

Rooms: G267



STUDENT UNION

The AStA (Allgemeiner Studierenden Ausschuss) is an independent organization within the university and represents the interest of the students before the public, the press, various commissions as well as the administration of the University of Applied Sciences Emden/Leer and other German universities.

Each division has its divisional managers, who work in an honorary capacity to handle different student issues, e. g. sports (in cooperation with the university), bicycle repair shop, cinema, parties, semester ticket, etc. Some divisions are administrative including those of finance, pay office or the presidency.

If there are any problems relating to your student life here at our university, the AStA and the International Office will help you locate the right addresses.

We would like to highlight the bi-weekly movie-night held in the campus auditorium. You are invited to watch movies for a small fee. Wherever applicable with English subtitles.

If there are any questions concerning the AStA, you are welcome to come and visit us in our offices T75 and T76.

Contact

Student Union

☎ +49 49 21 807-11 86, -11 87, -11 88

✉ asta-internationales@hs-emden-leer.de or
asta-vorsitz@hs-emden-leer.de

Rooms: T75 and T76







GETTING READY FOR EMDEN AND LEER

MEET OUR STUDENTS

Augusto Molano, Colombia Faculty of Technology

At the University of Applied Sciences Emden/Leer, I had the great opportunity to specialize my professional career. The direct contact with the professors and the different research institutes in the campus allowed me to improve my formation on the technical and management fields.

Referred to the social life, thanks to the intercultural atmosphere in the University and in the city, I have met many people from all over the world. In many cases, the activities on the lectures are done in international teams, which help you to increase your language skills from practical approach.

Finally, I recommend participating on the organized events to get in contact with the culture and the companies in the region. Enjoy Germany!!



Liliana Hernandez, Mexico Faculty of Technology

Studying at Hochschule Emden/Leer is bringing me the opportunity to meet people from a lot of different countries and at the same time is being easy to get involved to the East Frisian/German culture. The people are friendly, the staff is helpful and the professors are really engaged with the students.

I enjoy interacting with all my acquaintances in Mensa during the lunch time. And the best is that by being in the Northwest, Emden and Leer are close to the Dutch border and famous cities like Hamburg, Hannover and Bremen which can be visited for free with the semester ticket.



Chen Xi, PR China Faculty of Technology

The small town of Emden means a lot to me. Here I meet very good professors and classmates. It is a very good start for me to study and live in Germany. My university life is very fulfilling in Emden.

I am grateful for everything that I have experienced here.



CAREER SERVICE

The Career Service offers students support in their career planning providing:

- Information and individual advice and guidance
- Seminars and workshops concerning career topics
- An interactive career platform with lots of exclusive job and internship offers
- Career events
- Employer contacts

Our Guidance:

Define career goals and find the right strategy to reach them. What is important for your career development? We assist you in finding the answers to your individual questions.

Which documents are necessary and how to arrange them? Find the right words for a letter of motivation. Get feedback and develop your own application strategy.

An excerpt of our workshops:

- Assessment-Center Training
- Application
- Job interview
- Work-Live Balance
- Business behavior
- Salary negotiations

The current offers will be posted on our website and in the events-page on our career platform.

When the (international) students are enrolled at our University, they can register themselves at our career platform. It will provide them the support they need during their studies.

Register now: <https://hs-emden-leer.jobteaser.com/>

It's up to the students to find the favorite recruiters and meet them at forums, coaching workshops and daily video chats, directly accessible on the platform.

Campus career fairs:

Visit our career fair "Job-Achse Karrieretag" at our campus in Emden in October and/or our special career fair "Sign on – See a Career" for maritime studies at our campus in Leer in September. Connect to various employers face to face.

Contact

Career Service

Frau Ahring / Frau Stromann

☎ +49 49 21 807-11 36, -14 79

✉ careerservice@hs-emden-leer.de



CITY INFORMATION EMDEN

The City of Emden: The seaport of Emden was founded around 800 AD as a Frisian trading center. Since then the city has experienced a lively history marked by the revolt of its inhabitants for freedom and their independence. In the year 1495 the city of Emden was awarded its coat of arms “The Angel on the Wall”, which Emperor Maximilian I hoped would bring the city good luck. However, as it turned out Emden’s luck was fleeting. Emden faced its darkest hour during World War II with 80 % of the city being destroyed. Today, the modern city features an East Frisian flair, characterised by its typical red brick architecture. The approx. 50,000 inhabitants that live, work, and study in the city enhance its unique character.

Emden is also a popular vacation destination and owing to its many canals has been labelled the “Venice of the North”. For the visitors as well as for the populace of Emden there are many different ways to enjoy leisure time. Walking and cycling are enjoyable pastimes in East Frisia and if one wants to explore the region there are many beautiful towns only a short distance away. The East Frisian islands are located on Emden’s doorstep and the Netherlands, a popular destination of students, is right next door.

Since Emden is situated so near to the coast, it offers many water recreational activities. If water sports do not appeal to you, then there are many other sporting activities available, from badminton to volleyball. Also, one should not forget the

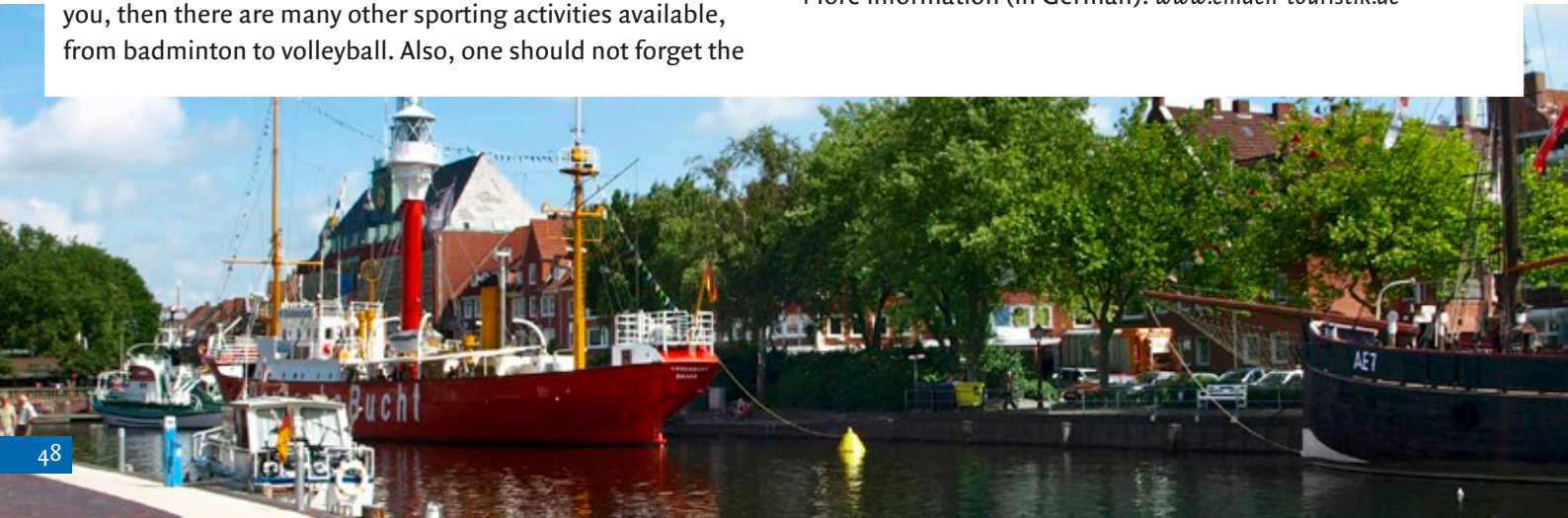
regional sport of East Frisia, Boßeln! East Frisia and Emden are not only appealing to those interested in the nature as there is also a wide variety of cultural activities in the area. Emden is home to the “Kunsthalle”, established by Henri Nannen, one of the most prominent art galleries in northern Germany. There is also the Landesmuseum, located in the town hall, as well as many other recommended tourist attractions such as the Otto Huus, the house of a well-known German comedian.

If you want to try more than the typical East Frisian tea, then there is the opportunity to experience Emden’s pub scene and try a typical locally brewed beer. Within the state of Lower Saxony, Emden has per capita the most drinking establishments. There are many lovely cafés and pubs in both the city center and the surrounding area.

The advantages of a stay in Emden include among others:

- Shore city “Gate to the World”
- The charming feeling of a port city / Flare of a city on the sea
- Numerous cultural attractions, sports and festivals
- Near to the North Sea and the islands of Borkum, Norderney, etc.
- Low cost of living
- Undisturbed nature and natural beauty

More information (in German): www.emden-touristik.de





The City of Leer: Leer is a town with a population of around 35,000 located a short distance inland from Emden. Even though Leer is some 30 km away from the coast, it can still be reached by large ships via the Ems.

Leer is a beautiful historical town due to the fact that, unlike Emden, it suffered only minimal damage during World War II. Leer is located near the Dutch border which allows students to easily make trips to, e. g. the city of Groningen. From Leer one has access by train to Emden (10 min.), Oldenburg (40 min.) and Groningen (70 min.).

The University of Applied Sciences Emden/Leer offers a variety of activities for students such as soccer, cycling and canoeing

at this location. In addition, there are a lot of local sports clubs in which students can take part.

The advantages of a stay in Emden include among others:

- The charming feeling of a port city / Flare of a city on the sea
- Numerous cultural attractions, sports and festivals
- Located close to the North Sea and the surrounding areas of East Frisia
- Low cost of living
- Undisturbed nature and natural beauty

More information (in German): www.leer.de

USEFUL ADDRESSES

University of Applied Sciences Emden/Leer

Constantiaplatz 4
26723 Emden

☎ +49 49 21 807-0
✉ info@hs-emden-leer.de
www.hs-emden-leer.de

International Office

☎ +49 49 21 807-13 75
✉ international.office@hs-emden-leer.de

Student Service Center

☎ +49 49 21 807-70 00
✉ ssc@hs-emden-leer.de

Admission and Examination Office

☎ +49 49 21 807-13 99
✉ i-amt@hs-emden-leer.de



University of Applied Sciences

HOCHSCHULE
EMDEN • LEER

Student Counselling Service

☎ +49 49 21 807-13 71/-13 73/-13 49
✉ zsb@hs-emden-leer.de

MyCampus

☎ +49 49 21 807 -19 89
✉ frauke.freeseemann@hs-emden-leer.de

Career Service

☎ +49 49 21 807 - 11 36/ -14 79
✉ careerservice@hs-emden-leer.de

