



UAS7
GERMAN UNIVERSITIES OF
APPLIED SCIENCES

Berlin ■ Bremen ■ Cologne ■ Hamburg ■ Munich ■ Muenster ■ Osnabrueck

ALLIANCE FOR EXCELLENCE



UAS7

German Universities of Applied Sciences

Alliance for Excellence

Elmar Schreiber, Hochschule Bremen, Germany,
Chairman of UAS7, Germany
and
Christian Tempich, UAS7, New York City

German House
871 United Nations Plaza

November 4th, 2006



Details on:

- Universities of Applied Sciences in general
- The UAS7 Consortium
 - Who we are
 - What we offer
 - Example: Bremen UAS
- The Scholarship Program
 - “Study and Internship Program Germany (SIP)”

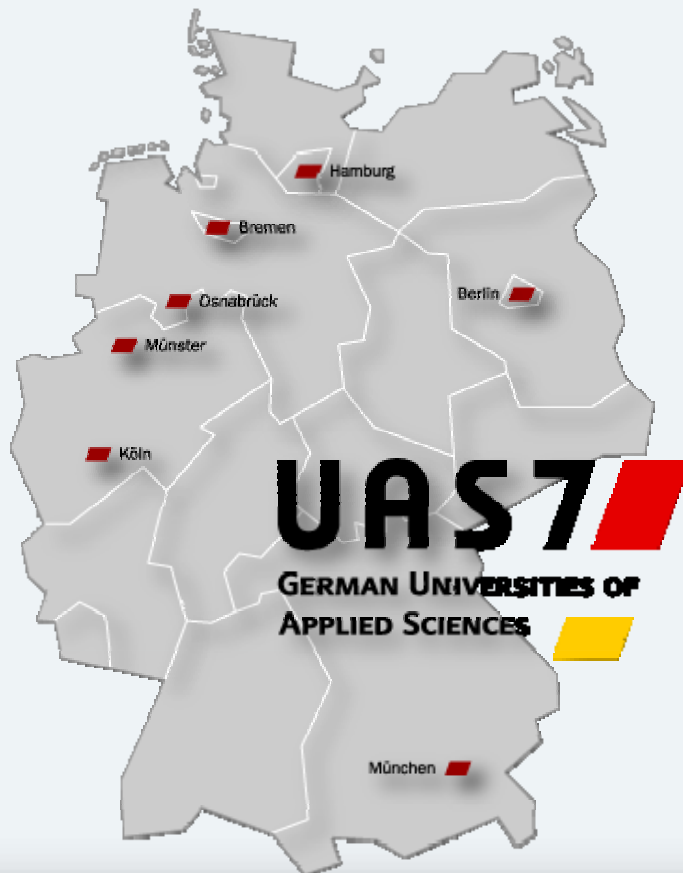
Universities of Applied Sciences – Core Competences

provide scientific findings and methods for young people:

- in short, clearly structured modern study programs with intensive tutoring in small classes (mostly <40 students)
- with a future-oriented training in accord with the demands of the job market
- by application-oriented research
- training in the context of life-long learning



UAS7 – Who We Are



- Berlin
- Bremen
- Cologne
- Hamburg
- Munich
- Muenster
- Osnabrueck

7 PARTNERS – 1 CONTACT!



UAS7...

- ... is a strategic alliance of seven leading German Universities of Applied Sciences committed to excellence in teaching and research

- ...represents 7 leading UAS with
 - 360 Bachelor's and Master's programs (small classes)
 - 73,000 students
 - 2,200 full-time faculty members
 - 1,100 partnerships world-wide



All UAS7 Partners ...

- ... focus on international cooperation
- ... operate international exchange programs
- ... have strong links to industry
- ... conduct application-oriented research
- ... offer a huge variety of courses in English
- ... offer programs in English



Example: Hochschule Bremen

>8000 Students

9 Departments

60 Degree Programs

>430 Employees

>175 full-time faculty members





Internationality: A keystone of the Hochschule Bremen

- 31 international degree courses
- compulsory period abroad (placement, internships or study term)
- for approx. 1200 students per year
- > 278 academic partnership programs
- in 74 countries
- on all 5 continents
- 600–800 „Incoming Students“ from 99 countries

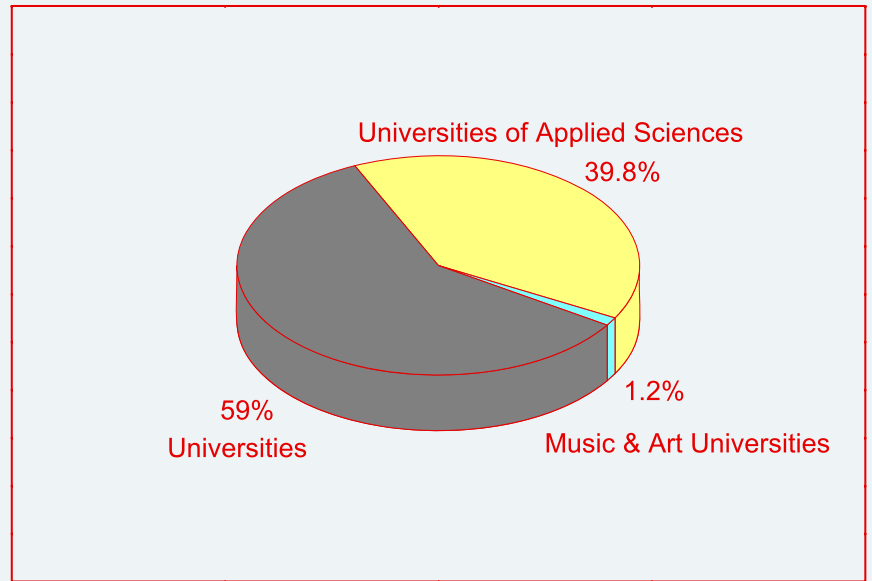
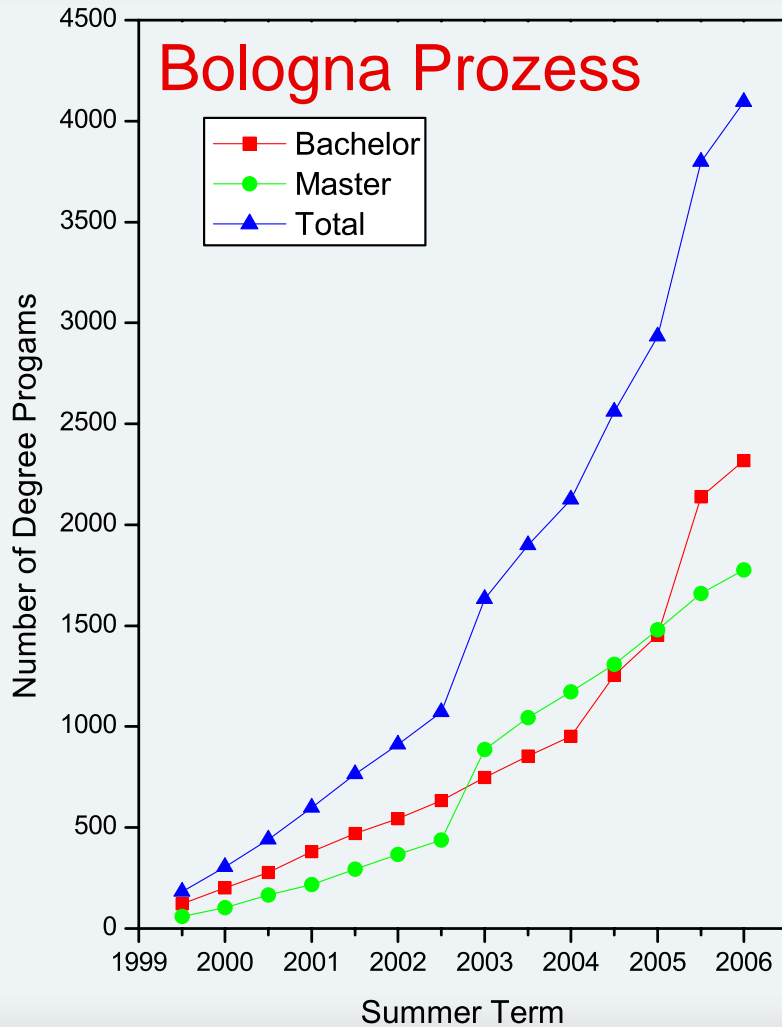




International Mobility at Hochschule Bremen

Students	total	Outgoings per year	Incomings per year
Business	3700	910	620
Humanities	1100	120	80
Engineering	3050	90	50
Science	450	80	50

approx. data



Already transferred programs:

- U, TU: ~30% of their programs
- UAS: ~60%
- Music & Arts U: ~10%



Bachelor und Master offered in Summer term 2006

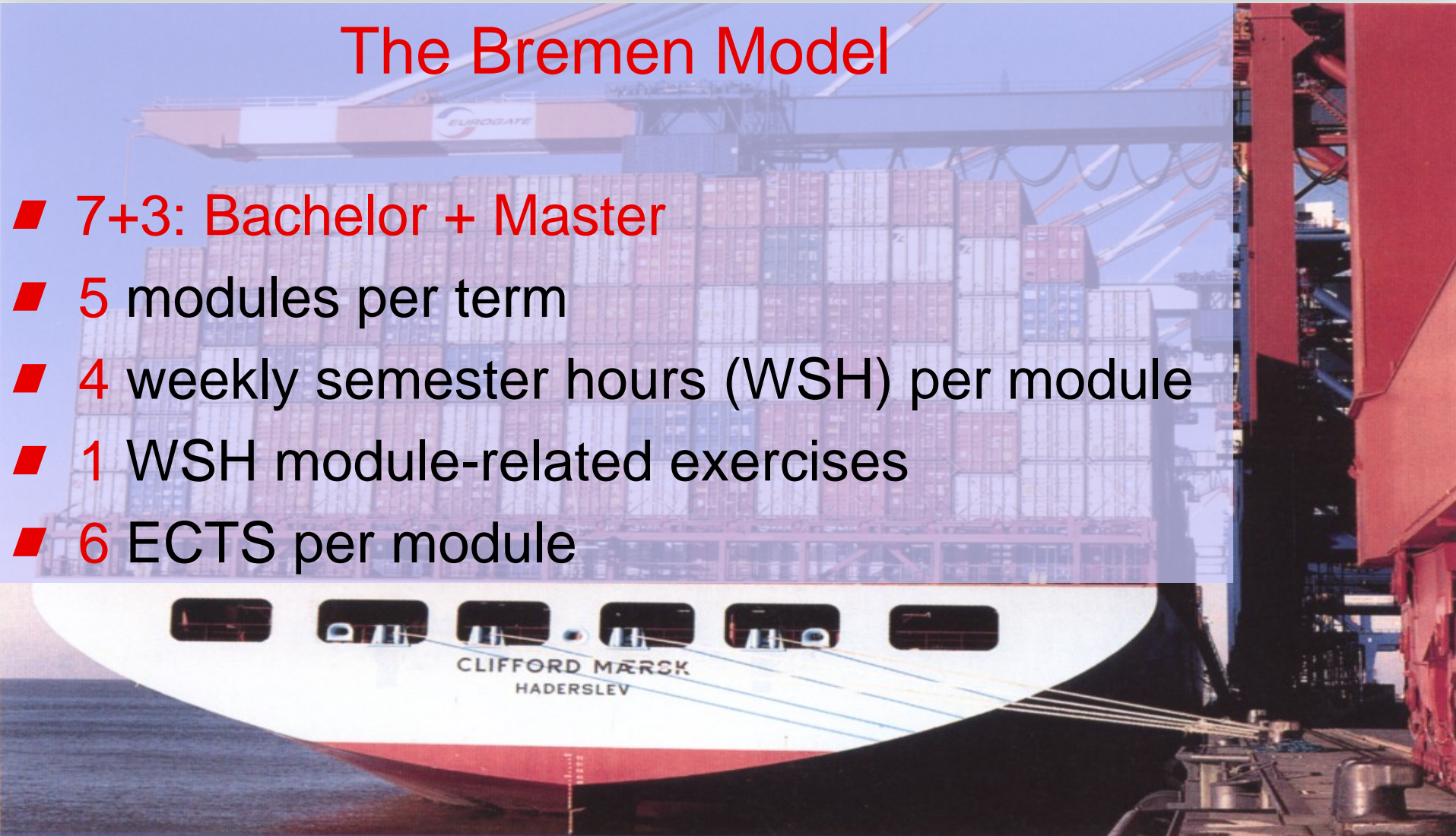
	Total	Bachelor	Master	Sum	% of Total
Germany	11.283	2.317	1.777	4.094	36,3
accredited		631	630	1.261	30,8
Bremen	255	88	61	149	58,4
accredited		57	32	89	59,7
Hochschule Bremen	60	37	21	58	96,7
accredited		32	16	48	82,8

HRK-Hochschulkompass, data by 1.4.2006



The Bremen Model

- 7+3: Bachelor + Master
- 5 modules per term
- 4 weekly semester hours (WSH) per module
- 1 WSH module-related exercises
- 6 ECTS per module





Module (Course) Structure at Hochschule Bremen

1 Module =

System of Credits:

6 ECTS-Credits

Workload:

4 teaching hours

1 hour for exercises

7 hours study by your own

Per term: 5 Modules

per term 22.5 effective weeks

30 ECTS credits

20 teaching hours

40 hours study by your own

Workload = 22.5 • 40hours = 900hours



Applied Research Development and Transfer

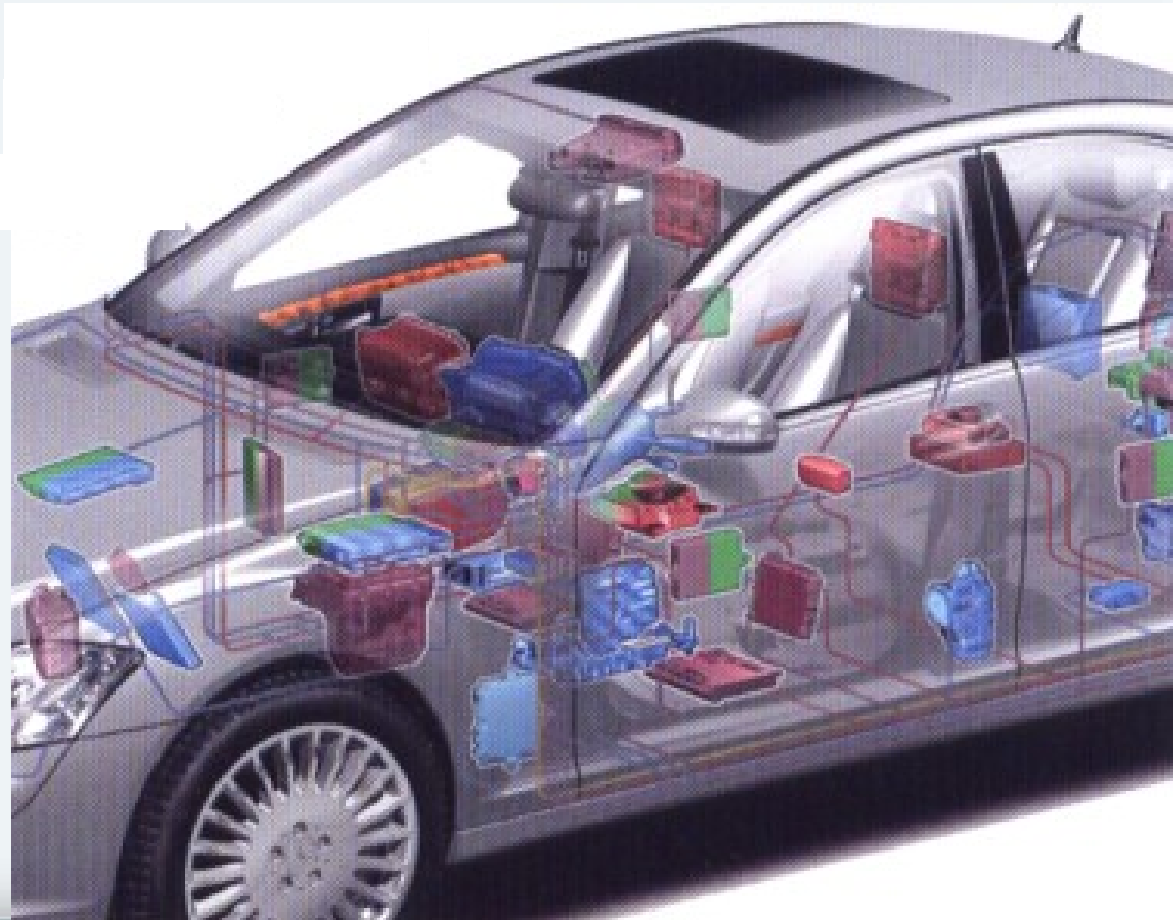
- Close cooperation with industry, business, trade
- High amount of applied research
- Modern, application-oriented study programs
- Transdisciplinary programs





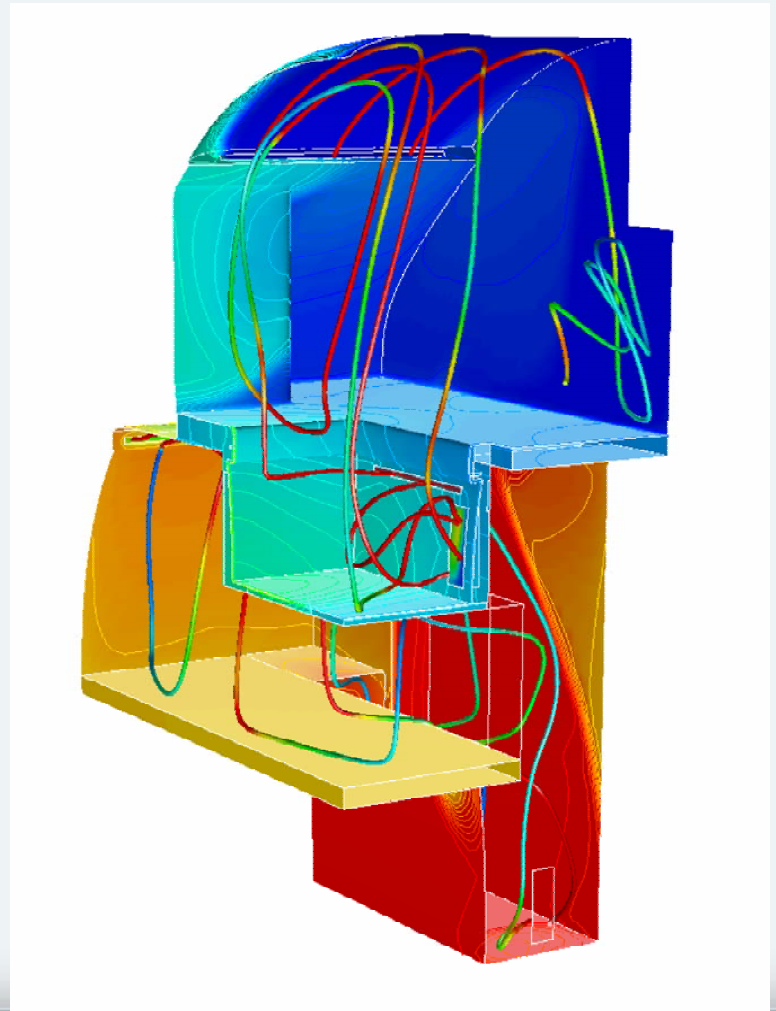
Cooperative Degree Program: Mechatronics

- Cooperation with Daimler-Chrysler Bremen
- Bachelor Degree within 7 semesters
- Courses with a maximum of 15 students
- 40% at Daimler Chrysler
- 60 % at Bremen UAS

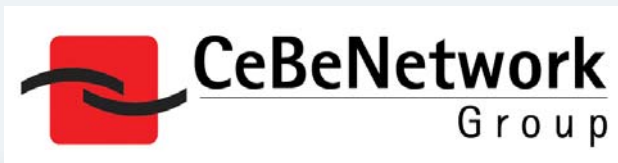


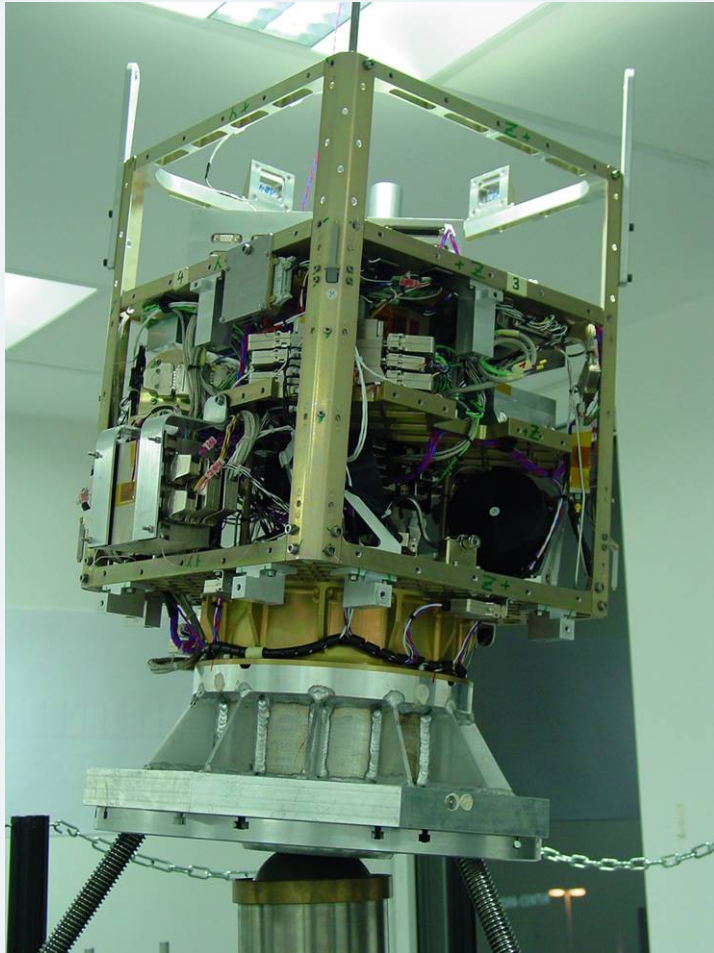


Aviation and Computer Aided Engineering



In cooperation with Airbus Industries
and





Aerospace Engineering

in cooperation with EADS Bremen



Testing systems for satellites



- new international study program

Shipping and Chartering

- Engineering
- Business & Managing
- Logistics and international law



Joint UAS7 Activities

- Internal
 - Network of research
 - Student exchange
 - Cooperation in aspects of university administration
- External
 - UAS7 Liaison Office in New York City
 - Annual UAS7 Summer School (varying topics)
 - Marketing of programs for international students
 - UAS7 scholarship program

UAS7 – Strong in

- Engineering and Science
 - *especially*
 - Automotive and Aeronautical Engineering
 - Biotechnology
 - Environmental and Regenerative Engineering

- Business and Management
 - *focus on*
 - German and European Markets
 - Global Business
 - Intercultural Communication
 - International Project Management



UAS7 – A Focus on the Application of Science

- Knowledge Transfer
 - to industry and commerce
- Application-Oriented Research in
 - engineering and science
 - economics
 - social sciences
- Strong Partners
 - e.g. Airbus, BMW, DaimlerChrysler, EADS, Henkel, IBM, Siemens, Volkswagen



What We Offer: Programs in English for International Students I

- Undergraduate Study Opportunities in
 - Business & Management (focus on European market)
 - Engineering, Science, Life Sciences, Art and Design, Communication

- Postgraduate Programs
 - M.Sc./M.Eng. in Engineering and Science
 - MBA Programs
 - M.A. Programs in Management, Business, Communication and Health



What We Offer: Programs in English for International Students II

- Summer School Programs, e.g.
 - German Language
 - German Culture
 - European Business and Law

- Study & Internship Program (SIP)



Study & Internship Program Germany (SIP)

– a UAS7 initiative in cooperation with DAAD –

Christian Tempich



Study & Internship Program Germany (SIP)

– a UAS7 initiative in cooperation with DAAD –

- 1-year Scholarship Program – includes
 - German language course
(*September, 3 weeks*)
 - 1 semester of studies at a UAS7 university
(*October-February*)
 - 1 semester internship in a company or research institute
(*March-July*)



SIP – Figures

■ Scholarship

- € 675 per month (living expenses, health and accident liability insurance)
- € 850.- one-time contribution to the travel expenses

■ Internship

- min. € 500 per month to cover living expenses



SIP – Application

■ Formalities

- Deadline: January 31
- Supporting documents:
 - Cover letter
 - Letter of intent
 - Resume
 - Transcript of records
 - Two letters of recommendation



SIP – Who may apply?

- American and Canadian undergraduate students
 - In their 3rd or 4th year of studies
 - In the fields of
 - Engineering and Computer Science
 - Business, Management and Economics
 - Humanities, Social Sciences and Life Sciences
 - Architecture, Art and Design



SIP – Services

- Accomodation – moderately priced off-campus housing
- Student buddies – accompany international students
- Host family program – connects with local families
- Organized recreational activities
- Cultural activities



UAS7 – How Can We Cooperate?

- Exchange of Students
- Exchange of Faculty
- Double-Degree and Joint Degree Programs
- Short-Term Study Programs
- R&D Activities



Liaison Office

German House, NYC, United Nations Plaza





UAS7 Office in New York City



Office Director:

Christian Tempich

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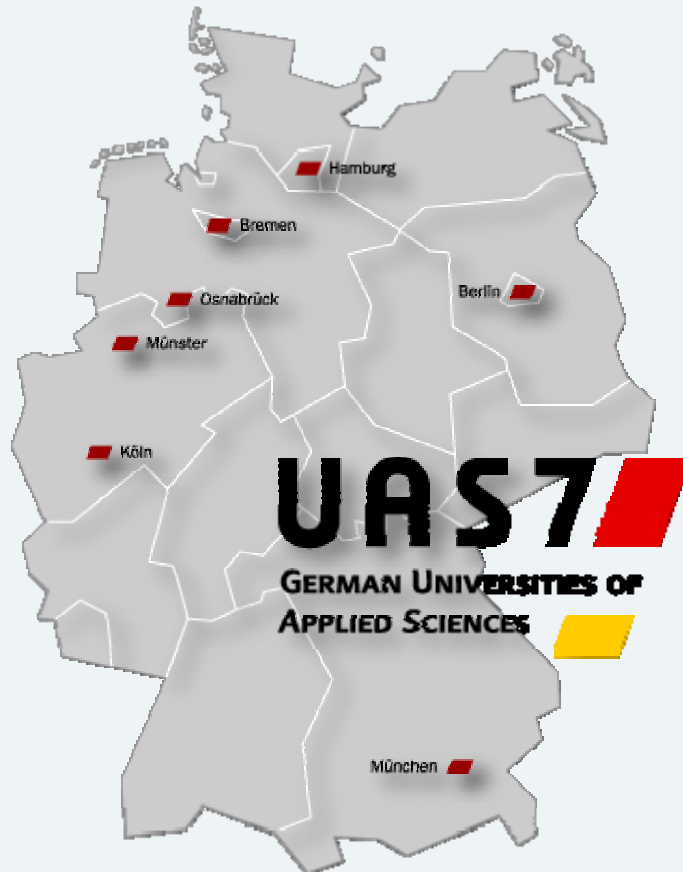
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GET IN TOUCH!

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