

AALEN INTERNATIONAL Program



IT'S YOUR
TIME





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Our Program -
Your Chance



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Aalen University



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Welcome to Haler

VARIETY IS THE SPICE OF LIFE -
TOGETHER FOR **INTERNATIONAL**
FRIENDSHIP

OUR PROGRAM – YOUR CHANCE

WE AT AALEN UNIVERSITY DO NOT BELIEVE THAT ONE PROGRAM FITS THE NEEDS OF ALL STUDENTS. THAT IS WHY WE CREATED **A THREE STAGE PROGRAM** YOU CAN CHOOSE FROM **INDIVIDUALLY**. YOU CAN MAKE YOUR STAY WITH US **SILVER, GOLDEN OR PLATINUM**.

Your basic semester exchange program in Aalen is what we call the Silver Program. You will stay for one semester at Aalen University and study with our German and international students in the courses you choose from our syllabus. If that is not enough for you, you can aim a little higher with an upgrade to gold. We certainly encourage it. All you have to do is extend, upgrade, and make the most of your stay in Germany. As soon as you are here, we will support you in all your ventures.

Once you are a registered exchange student with Aalen University, you are eligible to apply for an internship/co-op at any of the regional technology hotspots, including but not limited to Audi, Bosch, Daimler, Porsche, Voith, Zeiss, and ZF. That is what differentiates our Gold Program from Silver: You study at one of the top universities of applied sciences in Southern Germany and spend some time working in one of the area's companies.

If you prefer consulting, financial services or even investment banking; no problem. We can help you in these fields as well. We will support you in your pursuits and help with administrative issues and work permits.

If you liked going gold, why not stay for another six months for a senior project or thesis, and add platinum to your exchange?

With our Platinum Program, we offer you the chance to deepen your theoretical knowledge: hands-on research and projects, working in the excellently equipped laboratories of our university, and finishing your degree at Aalen University.



MARKETING & SALES

HEALTH SCIENCES

INDUSTRIAL &
SUSTAINABLE
MANAGEMENT

HUMAN
RESOURCES
AND
BUSINESS
TRANSFORMATION

DIGITALIZATION &
DATA SCIENCE

FUTURE
MATERIALS

OPTOELECTRONICS,
PHOTONICS & LASER
TECHNOLOGY

FINANCE,
ACCOUNTING,
CONTROLLING
& TAXATION

LIGHTWEIGHT
DESIGN &
MANUFACTURING

STEM

– SCIENCE, TECHNOLOGY,
ENGINEERING, MATHEMATICS

FINANCE, ACCOUNTING, CONTROLLING & TAXATION

- Microeconomics
- Macroeconomics
- Financial Management
- Management and Governance

- Capital Markets
- Valuation
- Financial Management
- Controlling and Information Systems 1

OPTOELECTRONICS, PHOTONICS & LASER TECHNOLOGY

- Projects / Soft Skills
- Interferometry
- Quantum optics
- Photonic Detectors and Devices
- Photonics Communications Engineering

- Applications of Photonics Detectors
- Advanced Image Processing
- Advanced Laser Technology
- Simulation of Sensor Systems
- Fundamental Optics

HUMAN RESOURCES & BUSINESS TRANSFORMATION

- Human Resources Management 2
- Human Resources and Organisational Behaviour
- Business Communication
- Digital Skills for Business
- Intercultural Management
- Business Systems Transformation
- Change Management
- International Human Resources Management
- Global SME-Management
- Leadership in Healthcare

STEM - SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS

- Advanced Topics in Mathematics
- Advanced Actuators
- Advanced Organic Chemistry and Structure Elucidation of Natural Products
- Honors Thesis in Analytical / Organic Chemistry

FUTURE MATERIALS

- Polymer Materials
- Polymer Testing
- Polymer Testing Lab
- Extrusion Technology
- Extrusion Lab
- Polymer Physics
- Advanced Rheology
- Master's Thesis

HEALTH SCIENCES

- Technology Lab Workshop Introduction & Project
- Applied Optics Lab & Research
- Practical Course: Optical and Technical Aspects of Spectacles
- Workshop 2 & Project
- Lab Course: Contact Lens 1
- Practical Course: Subjective Refraction
- Case Study: Corporate Business Game Optometry
- Experimental Optometry: Project
- Hearing Aid Fitting
- Hearing Aid Fitting Workshop
- Project Audiology
- Medical Engineering
- Tutorial Medical Engineering

MARKETING & SALES

- Leading International Sales Teams
- Structuring International Sales Teams
- Strategic Sales Management
- Industrial Goods Marketing
- Operational Sales
- Strategic Sales

- International Marketing Strategy
- Marketing
- Marketing Case Studies
- Marketing Mix
- Digital Marketing
- Strategic Management

- Digital Business Systems
- International Marketing
- Research Methods
- New Channels and Customers
- Quantitative Marketing
- Managerial Economics & Pricing

- Servitization & Digitization
- Persuasion & Negotiation
- Strategic Management & Transformation
- Scientific Methodology
- Master's Thesis

LANGUAGE AND CULTURE

- Intercultural Communication - English
- Technical English
- Business Communication Skills and Business English
- Business English 1 (B2.1)
- Business English 2 (B2.2)
- Technical English (Level B2)
- Business English (Level B2)
- English 1

- German and European Culture
- German as a Foreign Language A1.1
- German as a Foreign Language A1.2
- German as a Foreign Language A2.1
- German as a Foreign Language A2.2
- German as a Foreign Language B1.1
- German as a Foreign Language B1.2
- German as a Foreign Language B2

INDUSTRIAL & SUSTAINABLE MANAGEMENT

- Energy Concepts
- Advanced Technical Practices
- Information Management
- Industrial Service Engineering
- Project Work
- Negotiations and Presentations Techniques
- Comprehensive Design and Sales
- Management of Production Processes
- Sustainable Event Management
- Business Case Study (TopSIM)
- Management of Logistics Processes
- Master's Thesis

DIGITALIZATION & DATA SCIENCE

- IoT Application Security
- Advanced Topics in Linux Security
- Blockchain Technology
- Introduction to Internet of Things
- IoT Business Impact
- Software Project Management
- Software Quality
- Advanced Software Quality
- Advanced Process Simulation
- Process Simulation Lab
- Business Analytics: System Development
- Database Technologies
- International Project Management
- Data Analytics
- Big Data
- Bachelor's Thesis
- Master's Thesis

LIGHTWEIGHT DESIGN & MANUFACTURING

- Injection Moulding Advanced Technologies
- Injection Moulding Lab
- Polymer Design
- Mould Design
- Additive Manufacturing 2
- Electric Drives
- Lab Electric Drives

- Measuring Engineering
- Lab Measuring Engineering
- Light Weight Design
- Lab Light Weight Design
- Innovative Metal Forming and Lightweight Manufacturing 2
- Additive Manufacturing

IN THE HEART OF THE SOUTH THE SWABIAN ALB

AALLEN IS LOCATED IN THE **ECONOMIC CENTER** OF THE SWABIAN ALB. THE REGION BOASTS A BOOMING INDUSTRY, **LONG HISTORY** AND **BREATHTAKING LANDSCAPE**.

The Swabian Alb is located in the region of East Württemberg and therefore in the center of Europe and in the heart of Southern Germany - close to metropolises like Munich and Stuttgart, and vacation spots like Allgäu and Lake Constance. And the alpine countries of Austria and Switzerland are also within reach.

“The region of talents and patents” is what we call East Württemberg. Pioneering spirit, creativity and inventiveness are shaping the daily and professio-

nal lives of the area's population. That is why many growth sectors and future technologies are developed here. Global players, successful medium-sized companies, and ambitious start-ups all call East Württemberg home. Here, the amount of hidden champions is twice as high as in the rest of Germany. Moreover, East Württemberg is one of the leaders in terms of registered patents and innovations within Germany.

EAST WÜRTTEMBERG – THE PLACE TO BE

Although East Württemberg is the economical center of the south, it has managed to keep its unique fusion of lively urban flair and picturesque rural scenery. Its rich history as well as its natural beauty has always managed to attract people to it. Before the Romans and Celts settled here, humans from the Neolithic period left their artifacts for us to discover. The Romans built their famous frontier, the Limes, on the Swabian Alb and established the largest cavalry fort north of the Alps in what would eventually become Aalen. During the Middle Ages, the people built countless castles, palaces and residences as well as medieval city-fortifications and impressive ecclesiastical buildings that continue to shape our region's appearance. ➤



Studying in the Swabian Alb region surrounded by breathtaking landscape



District Administrator Klaus Pavel and Mixo Dawn Mackaukau, Honorary Ambassador of East Württemberg

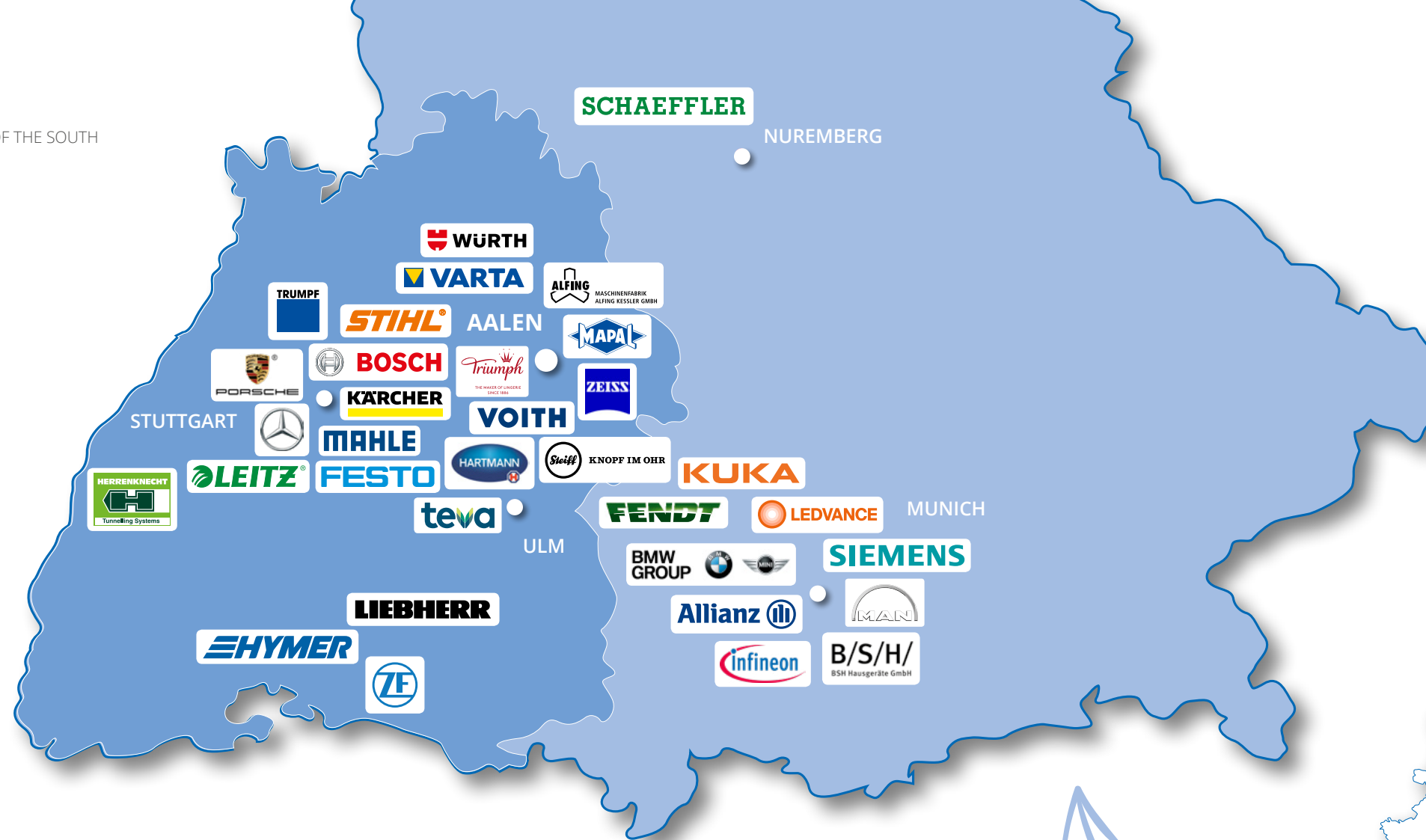
➤ However, if you want to explore nature instead of taking a trip to the past, East Württemberg will spoil you with beautiful und varied landscapes. The densely wooded areas in the north of East Württemberg are perfect for hiking or exploring. The rolling hills of the region around Aalen offer peaceful orchards, meadows and fields. The Swabian Alb is an escarpment running through the whole of East Württemberg with lots of forests fit for fairy tales. On the plateau of the Swabian Alb, you will find light beech forests as well as juniper heathland and dry valleys. The Danube wetland marks the southern end of East Württemberg. In this broad and open valley, you will find countless quarry lakes and reed fields to enjoy. East Württemberg offers something for every taste.

BECOME AN HONORARY AMBASSADOR OF EAST WÜRTTEMBERG

To offer the international students of East Württemberg an incentive to get to know our astonishing region, encourage them to learn German, give them better access to the local economy, and the chance to better integrate into German society, Aalen University created the “East Württemberg Ambassador Program”. For participation in multiple events (including a German language course), students receive a certificate from the District Chief Officer which recognizes them as Honorary Ambassadors of East Württemberg. This certificate can be used as proof of their successful time abroad for future academic institutions or employers.

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IN THE HEART OF THE SOUTH



THE ECONOMIC CENTER OF THE SOUTH

BESIDES GLOBAL PLAYERS, WE HAVE **TWICE THE AMOUNT OF HIDDEN CHAMPIONS** AS THE REST OF GERMANY. THESE COMPANIES ARE LEADERS IN THEIR FIELDS IN EUROPE AND AT LEAST, WORLDWIDE. THE CURIOUS THING ABOUT THEM: MOST PEOPLE DO NOT KNOW THEM – ONLY THEIR PEERS CONSIDER THEM **HEROES**. THEY SHARE SPACE WITH **GLOBAL PLAYERS** AND SUCCESSFUL **MEDIUM-SIZED COMPANIES**.

INTERNSHIPS: A GOLDEN OPPORTUNITY

WE WANT YOU TO EXPERIENCE AS MUCH AS POSSIBLE DURING YOUR TIME WITH US. WITH AN **UPGRADE TO OUR GOLD PROGRAM**, YOU CAN DIVE INTO GERMAN **WORK LIFE**.

If our Silver Program is not enough for you, you can upgrade to Gold. We certainly encourage it. All you have to do is extend, upgrade and make the best of your stay in Germany. Once you are here, we will support you in all your ventures.

As soon as you are a registered exchange student in the Gold Program at Aalen University, you are eligible to apply for an internship – also called “co-op” – at any of the regional technology hotspots, including but not limited to Audi, Bosch, Daimler, Porsche, Voith, Zeiss, and ZF. If you prefer consulting, financial services or even investment banking, we will also help you find an internship that suits all your needs. We will support you in your pursuits and help with administrative issues and work permits. Once you are a student at Aalen University, obtaining a work permit is a very straightforward process. Our International Relations Office can help you with the paperwork. Use the opportunity to experience something new!

Typically, internships in Germany last six months. Companies expect you to commit to this six-month time frame with the possibility for extensions. Shorter internships have become very rare. While working for the company you choose, you will also earn an internship-wage. With the help of our Gold Program, interns dive deep into “real” work at their companies. During their internships, students will often help with a specific project. Do not miss the opportunity to make your stay in Germany golden!



I CHOSE TO COME TO AALEN UNIVERSITY FOR DIFFERENT REASONS: **AALEN** IS LOCATED **NEAR BIG CITIES** LIKE MUNICH, STUTTGART, ULM UND NUREMBERG. IT IS ALSO **SURROUNDED BY INDUSTRIES**. STUDENTS, THEREFORE, HAVE GOOD OPPORTUNITIES TO FIND **STUDENT JOBS, INTERNSHIPS** AND LATER MAYBE EVEN **PROFESSIONAL CAREERS**. THE LABORATORIES OF AALEN UNIVERSITY ARE VERY WELL EQUIPPED – NOT JUST IN THE POLYMER TECHNOLOGY DEPARTMENT, BUT IN THE WHOLE UNIVERSITY.



MEHDI SOLTANI,
IRAN,
STUDENT IN MASTER'S PROGRAM
“POLYMER TECHNOLOGY”

Find friends for a lifetime and build your network for future days: all in one place - Aalen.



STUDYING AT AALEN UNIVERSITY

THE GERMAN HIGHER EDUCATION ENVIRONMENT PROVIDES FOREIGN STUDENTS **WITH EXCELLENT OPTIONS.** AND AALEN UNIVERSITY IS ONE OF THE MOST **RESEARCH-INTENSIVE UNIVERSITIES OF APPLIED SCIENCES** IN GERMANY.

You will live and learn from English-taught lectures at one of the biggest universities of applied sciences in Baden-Württemberg, together with nearly 6,000 students from over 60 countries in a booming, cultural, vacation-oriented region.

With 68,500 inhabitants, Aalen is able to offer an array of opportunities, having the characteristics of a big city while maintaining the charm of a small town. Due to Aalen's proximity to many of Germany's most famous sights, you can easily take day trips to Stuttgart, Munich, Ulm, Augsburg and Nuremberg to explore and get to know the land you chose to study in a little better...

With its sister cities in the UK, France, Italy, Hungary and Turkey, and its yearly international festivals, Aalen has proven to possess a most friendly environment for foreign students.

Back in 2005, the city of Aalen already won the Award for Germany's Friendliest Immigration Office, granted jointly by the Alexander von Humboldt Foundation and the Donors' Association for the Promotion of Sciences and Humanities in Germany. The Award for the Friendliest Immigration Office is granted to authorities who have shown to be particularly open, flexible and helpful in their treatment of foreign academics and students.

AALEN UNIVERSITY OF APPLIED SCIENCES

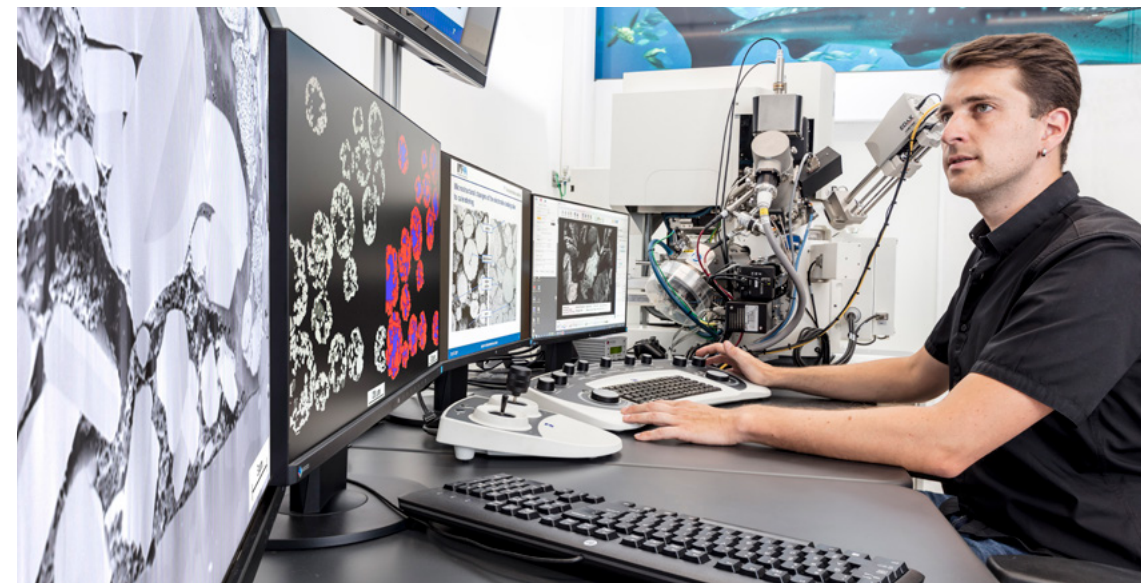
Innovative educational models, research strength, foresight, close links to industry, regional and international networks: We provide attractive study programs on a sound foundation. For years, Aalen University of Applied Sciences has been one of the most research-intensive universities of applied sciences in Germany. Increasing student numbers (about 6,000 right now), successful knowledge transfer with the business community and a continuously growing campus also testify to its enormous development. Aalen University of Applied Sciences is firmly rooted in the region and has a wide international network.

This is demonstrated by the numerous co-operations in the region and the 139 partner universities all over the world.

SCORING IN RESEARCH FOR YEARS

The procurement of third party funds has been well established in our applied research projects, especially in Material Sciences, Optics and Laser Technology, Photonics, Casting Technology, Business Studies, Health Management, but also in various other fields. One out of four of our University's staff members are working in research, often while they obtain a graduate or doctoral degree in cooperation with partner universities.

In 2020, Aalen University will inaugurate a new research area on its campus. Outstandingly, primarily publicly funded research keeps Aalen University at the forefront of technology. Knowledge transfer and collaboration with the industry contribute significantly to the development of the University and the region.



Top spot in research and close links to industries with excellently equipped laboratories

Aalen University - Well Connected

- Public State University of Baden-Württemberg
- Hochschulföderation SüdWest (HfSW)
- Member of the HRK – German Rectors Conference, Bonn
- Member of the DAAD – German Academic Exchange Service, Bonn
- Member of the Association of Friends & Supporters of the Baden-Württemberg State Foundation
- Member of the European University Association (EUA)
- Experienced in state, national and international projects such as LARS, DFG, BMBF, GIZ, EU

HANDS ON: UPGRADE TO PLATINUM

YOU CAN'T GET ENOUGH OF AALEN UNIVERSITY?
STAY EVEN LONGER WITH US, WRITE YOUR **THESIS** OR WORK
ON A **SENIOR PROJECT** IN OUR **LABORATORIES**.



Students work and research on topics with future relevance

If you liked going gold, why not stay for another six months? With an upgrade to our Platinum Program, you can stay at Aalen University for a senior project or thesis. You can choose from many different indus-

trial technologies, like digitalization, laser technology, or industry 4.0 for either of them. We will put you to work in one of our excellently equipped laboratories. You can become a member of the research team and get an assignment for a thesis or a senior project almost instantly. Your advisor will be there to support you throughout the entire process and help you with all your individual questions or needs.

Do you want to work in a lab without having finished a study program or an internship semester? At Aalen University, you can do that too! If you prefer to work in a lab from the get-go, we can tailor your program so that you join a research group right away and work on a research project in your field. From our end, we can provide enough credit points with just lab work if you would rather do that than lectures. Better yet, if you want to pair your research project with a few pertinent classes in the field, you can do that too. You can add as many classes as you like. As you dive deeper into the coursework, you may even be able to take a few classes in German. This individually tailored combination of research work and courses is what we call the Executive Platinum Program.

I CAME TO AALEN UNIVERSITY BECAUSE IT OFFERS A **RESEARCH MASTER'S PROGRAM** AND PROVIDES STUDENTS WITH THE OPPORTUNITY TO WORK ON RESEARCH PROJECTS FROM THE START OF THE PROGRAM. WE SPEND MOST OF THE TIME DOING **PRACTICAL WORK**. MY MASTER'S PROGRAM AT THE MATERIALS RESEARCH INSTITUTE AALEN (IMFAA) HAS HELPED ME TO DEEPEN MY SKILLS. MOREOVER, THE NEW RESEARCH POOL PROVIDES THE PERFECT ATMOSPHERE TO **EXCHANGE IDEAS** WITH THE **HIGHLY MOTIVATED** IMFAA TEAM. THE INSTITUTE HAS CLOSE RELATIONS WITH INDUSTRIES AND ON-CAMPUS EXPERTISE, MAKING IT THE IDEAL SURROUNDING TO STUDY WITH A FOCUS ON APPLIED RESEARCH.

AMIT-KUMAR CHOUDHARY,
INDIA
STUDENT IN RESEARCH MASTER'S PROGRAM
"ADVANCED MATERIALS AND
MANUFACTURING"



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YOUR PROGRAM



BACHELOR COURSES



MASTER COURSES

YOUR PROGRAM FALL 2020

PLEASE SELECT ONLY COURSES THAT CORRESPOND TO YOUR MAJOR AT YOUR HOME UNIVERSITY.

PLEASE DISTINGUISH BETWEEN BACHELOR (LIGHT GREEN) AND MASTER (DARK GREEN) OFFERS.

IF YOU WISH TO TAKE MASTER COURSES AT AALEN UNIVERSITY, YOU WILL NEED TO SUBMIT AN OFFICIAL PROOF (SIGNED AND SEALED BY A REPRESENTATIVE OF YOUR UNIVERSITY) THAT YOU HAVE ACHIEVED A MINIMUM OF 180 ECTS (EQUIVALENT TO 90 US-CREDITS OR 3 YEARS OF STUDIES).

PLEASE PAY ATTENTION TO COURSE PREREQUISITES.

PLEASE NOTE THAT SOME COURSES MAY BE TAKEN ONLY IN COMBINATON WITH OTHER COURSES (SEE REMARKS BELOW).

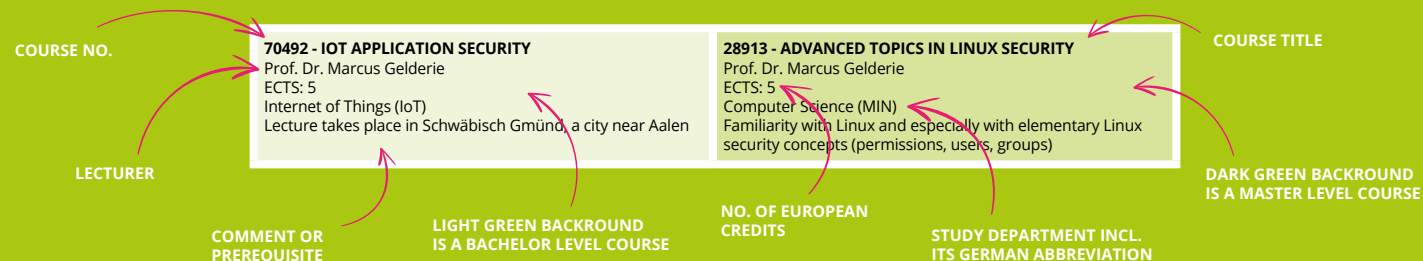
PLEASE CONSIDER THAT SOME OF THE COURSE OFFERS MIGHT BE SUBJECT TO CHANGE AT SHORT NOTICE.

THEREFORE, IT MIGHT BE NECESSARY TO CHANGE YOUR LEARNING AGREEMENT DURING THE APPLICATION PROCESS OR EVEN AFTER ARRIVAL IN AALEN.

PROJECT WORK OR WRITING A THESIS IN ANY STUDY PROGRAM IS GENERALLY POSSIBLE. PLEASE CONTACT OUR ACADEMIC STAFF IN ADVANCE TO DEFINE THE TOPIC AND THE WORK LOAD, AND TO FIND A SUPERVISOR.

For course descriptions please contact aaa@hs-aalen.de.

HOW TO READ THE COURSE CATALOGUE:



DIGITALIZATION & DATA SCIENCE

70492 - IOT APPLICATION SECURITY

Prof. Dr. Marcus Gelderie
ECTS: 5
Internet of Things (IoT)
Lecture takes place in Schwäbisch Gmünd, a city near Aalen

70106 - INTRODUCTION TO INTERNET OF THINGS

Prof. Dr. Markus Weinberger
ECTS: 5
Internet of Things (IoT)
Lecture takes place in Schwäbisch Gmünd, a city near Aalen

57710 - SOFTWARE QUALITY

Prof. Roy Oberhauser
ECTS: 5
Computer Science (IN)
Basic knowledge of object-oriented programming (Java)

17211 - ADVANCED PROCESS SIMULATION

Prof. Dr. Harald Kaiser
Product Development and Production (PEF)



17212 - PROCESS SIMULATION LAB

Prof. Dr. Harald Kaiser
Product Development and Production (PEF)

17211 + 17212 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT - TOGETHER 5 ECTS

35106 - INTERNATIONAL PROJECT MANAGEMENT

Prof. Dr. Frank Richter
ECTS: 5
Business Informatics (WIC)

56201 - DATA ANALYTICS

Prof. Ulrich Klauack
ECTS: 5
Machine Learning and Data Analytics (MLD)

9999 - BACHELOR'S THESIS

Prof. Dr. Gerhard Seelmann
No. of credits depends on workload and the requirements of home university (usually 12 to 30)
Electrical Engineering (E), Computer Science (IN),
Internet of Things (IoT)
Please contact Prof. Seelmann in advance and indicate your major, semester, and field of interest.

9999 - MASTER'S THESIS

Prof. Dr. Gerhard Seelmann
No. of credits depends on workload and the requirements of home university (usually 12 to 30)
Advanced Systems Design (MSD),
Computer Science (MIN)
Please contact Prof. Seelmann in advance and indicate your major, semester, and field of interest.

70699 - BLOCKCHAIN TECHNOLOGY

Prof. Dr. Markus Weinberger
ECTS: 5
Internet of Things (IoT)
Lecture takes place in Schwäbisch Gmünd, a city near Aalen

57402 - SOFTWARE PROJECT MANAGEMENT

Prof. Roy Oberhauser
ECTS: 5
Computer Science (IN)

35101 - BUSINESS ANALYTICS: SYSTEM DEVELOPMENT

Prof. Dr. Marc Fernandes
ECTS: 5
Business Informatics (WIC)

35103 - DATABASE TECHNOLOGIES

Prof. Dr. Manfred Rössle
ECTS: 5
Business Informatics (WIC)

56203 - BIG DATA

Dr. Gregor Grambow
ECTS: 5
Machine Learning and Data Analytics (MLD)

FINANCE, ACCOUNTING, CONTROLLING & TAXATION

51102 - MICROECONOMICS

Prof. Dr. Jörg Büechl
Business Management for SME (B)



51103 - MACROECONOMICS

Prof. Dr. Jörg Büechl
Business Management for SME (B)

51102 + 51103 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT - TOGETHER 5 ECTS

93603 - MANAGEMENT AND GOVERNANCE

Prof. Dr. habil. Patrick Ulrich
ECTS: 5
International Business (I)

93606 - CAPITAL MARKETS

Prof. Dr. Ingo Scheuermann
ECTS: 5
International Business (I)
Previous knowledge in Financial Management recommended

90304 - FINANCIAL MANAGEMENT

Prof. Dr. Ingo Scheuermann
ECTS: 5
International Business (I)

36102 - FINANCIAL MANAGEMENT

Martin Mietzner
ECTS: 5
SME Management (MM)

51607 - CONTROLLING AND INFORMATION SYSTEMS 1

Prof. Dr. Ralf-Christian Härting
ECTS: 5
Business Management for SME (B)

40103 - VALUATION

Prof. Dr. Ingo Scheuermann
ECTS: 5
Financial Management (FM)

FUTURE MATERIALS

14101 - POLYMER MATERIALS Dr. Michael Schlipf ECTS: 5 Polymer Technology (PTC)	14102 - POLYMER TESTING Prof. Dr. Achim Frick Polymer Technology (PTC)	14103 - POLYMER TESTING LAB Prof. Dr. Achim Frick Polymer Technology (PTC)
14102 + 1410 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS		
14104 - EXTRUSION TECHNOLOGY Prof. Dr. Tobias Walcher Polymer Technology (PTC)	14105 - EXTRUSION LAB Prof. Dr. Tobias Walcher Polymer Technology (PTC)	9999 - MASTER'S THESIS Professors of the Program ECTS: 30 Polymer Technology (PTC)
14104 + 14105 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS		
14106 - POLYMER PHYSICS Prof. Dr. Tobias Walcher Polymer Technology (PTC)	14107 - ADVANCED RHEOLOGY Prof. Dr. Tobias Kaiser Polymer Technology (PTC)	
14104 + 14105 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS		

HEALTH SCIENCES

77104 - TECHNOLOGY LAB WORKSHOP INTRODUCTION & PROJECT Prof. Dr. Ulrike Paffrath ECTS: 2 Optometry / Optometry & Audiology (A)	77111 - APPLIED OPTICS LAB & RESEARCH Prof. Dr. Jürgen Nolting ECTS: 2 Optometry / Optometry & Audiology (A)	77306 - PRACTICAL COURSE: OPTICAL AND TECHNICAL ASPECTS OF SPECTACLES Prof. Dr. Peter Baumbach ECTS: 1 Optometry / Optometry & Audiology (A) Basic knowledge of ophthalmic workshop
77307 - WORKSHOP 2 & PROJECT Prof. Dr. Ulrike Paffrath ECTS: 1 Optometry / Optometry & Audiology (A) Basic knowledge of ophthalmic workshop (grinding lenses with machines, fitting glasses into frames)	77309 - LAB COURSE: CONTACT LENS 1 Prof. Dr. Andreas Holschbach / Prof. Dr. Thomas Kirschkamp ECTS: 2 Optometry / Optometry & Audiology (A) Basic knowledge of subjective refraction	77311 - PRACTICAL COURSE: SUBJECTIVE REFRACTION Dipl. Ing (FH) Ralf Michels ECTS: 2 Optometry / Optometry & Audiology (A) Basic knowledge of subjective refraction
77705 - CASE STUDY: CORPORATE BUSINESS GAME OPTOMETRY Prof. Dr. Anna Nagl ECTS: 1 Optometry / Optometry & Audiology (A)	77814 - EXPERIMENTAL OPTOMETRY: PROJECT N.N. ECTS: 5 Optometry / Optometry & Audiology (A)	78405 - PROJECT AUDIOLOGY Prof. Dr. Steffen Kreikemeier ECTS: 5 Audiology (HA) Basic knowledge of audiology
78311 - HEARING AID FITTING Prof. Dr. Annette Limberger Audiology (HA)	78312 - HEARING AID FITTING WORKSHOP Prof. Dr. Annette Limberger Audiology (HA)	
78311 + 78312 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS		
97659 - MEDICAL ENGINEERING Prof. Dr. Markus Glaser Mechatronics (F)	97660 - TUTORIAL MEDICAL ENGINEERING Prof. Dr. Markus Glaser Mechatronics (F)	
97659 + 97660 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS		

HUMAN RESOURCES & BUSINESS TRANSFORMATION

51402 - HUMAN RESOURCES MANAGEMENT 2 Prof. Dr. Jörg Büechl ECTS: 5 Business Management for SME (B)	51704 - HUMAN RESOURCES AND ORGANISATIONAL BEHAVIOUR Prof. Dr. Jörg Büechl ECTS: 5 Business Management for SME (B)	90106 - BUSINESS COMMUNICATION Prof. Dr. Jae-Aileen Chung ECTS: 5 International Business (I)
90302 - DIGITAL SKILLS FOR BUSINESS Prof. Dr. Alexander Strehl ECTS: 5 International Business (I)	93601 - INTERCULTURAL MANAGEMENT N.N. ECTS: 5 International Business (I)	93610 - BUSINESS SYSTEMS TRANSFORMATION Prof. Dr. Jae-Aileen Chung ECTS: 5 International Business (I)
93705 - CHANGE MANGEMENT Prof. Dr. Achim Frick ECTS: 5 International Business (I)	93609 - INTERNATIONAL HUMAN RESOURCES MANAGEMENT Thomas Bartz ECTS: 5 International Business (I)	36108 - GLOBAL SME-MANAGEMENT Prof. Dr. Jörg Büechl ECTS: 5 SME Management (MM)
32100 - LEADERSHIP IN HEALTHCARE Prof. Dr. Jana Wolf ECTS: 3 Healthcare Mangagement (MGM) Block course (Thursday afternoons + Fridays)	32303 - CHANGE MANAGEMENT Prof. Dr. Jana Wolf ECTS: 2 Healthcare Mangagement (MGM) Block course (Thursday afternoons + Fridays)	

INDUSTRIAL & SUSTAINABLE MANAGEMENT

23401 - ENERGY CONCEPTS Prof. Dr. Martina Hofmann ECTS: 3 to 5 Leadership in Industrial Sales and Technology (IST) (5 credits will be awarded only if additional group work is completed)	23402 - ADVANCED TECHNICAL PRACTICES Prof. Dr. Joachim Albrecht ECTS: 3 Leadership in Industrial Sales and Technology (IST) Good command of German is a prerequisite. Final presentation in English.	61608 - INFORMATION MANAGEMENT Prof. Dr. Harro Heilmann ECTS: 5 Mechanical Engineering / Business and Management (MBP/MBW)
63408 - INDUSTRIAL SERVICE ENGINEERING Prof. Dr. Arndt Borgmeier ECTS: 5 International Sales Management and Technology (VI)	63608 - PROJECT WORK N.N. International Sales Management and Technology (VI)	63609 - NEGOTIATIONS AND PRESENTATIONS TECHNIQUES N.N. International Sales Management and Technology (VI)
63608 + 63609 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS		
63701 - COMPREHENSIVE DESIGN AND SALES Prof. Dr. Christian Uhl ECTS: 5 International Sales Management and Technology (VI)	64607 - MANAGEMENT OF PRODUCTION PROCESSES Prof. Dr. Alice Kirchheim ECTS: 5 Industrial Engineering (W)	64704 - SUSTAINABLE EVENT MANAGEMENT Prof. Dr. Ulrich Holzbaur ECTS: 5 Industrial Engineering (W)
64707 - BUSINESS CASE STUDY (TOPSIM) Prof. Dr. Christian Kreiß ECTS: 5 Industrial Engineering (W)	64701 - MANAGEMENT OF LOGISTICS PROCESSES Prof. Dr. Alice Kirchheim ECTS: 5 Industrial Engineering (W)	9999 - MASTER'S THESIS Professors of the Program ECTS: 30 Leadership in Industrial Sales and Technology (IST)

LIGHTWEIGHT DESIGN & MANUFACTURING

14108 - INJECTION MOULDING ADVANCED TECHNOLOGIES Udo Grabmeier Polymer Technology (PTC)	14109 - INJECTION MOULDING LAB Prof. Dr. Tobias Walcher Polymer Technology (PTC)	TBD - ADDITIVE MANUFACTURING 2 Prof. Dr. Miranda Fateri ECTS: 5 Mechanical Engineering / Business and Management (MBP/MBW) Team Project
14108 + 14109 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS		
14110 - POLYMER DESIGN Prof. Dr. Achim Frick Polymer Technology (PTC)	14111 - MOULD DESIGN Prof. Dr. Harald Kaiser Polymer Technology (PTC)	59411 - MEASURING ENGINEERING Prof. Dr. Jürgen Trost Mechanical Engineering (M)
14110 + 14111 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS		59411 + 59412 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS
59306 - ELECTRIC DRIVES Prof. Dr. Jens Krotsch Mechanical Engineering (M)	59307 - LAB ELECTRIC DRIVES Prof. Dr. Jens Krotsch Mechanical Engineering (M)	59412 - LAB MEASURING ENGINEERING Prof. Dr. Jürgen Trost Mechanical Engineering (M)
59306 + 59307 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS		
59823 - LIGHT WEIGHT DESIGN Prof. Dr. Markus Merkel Mechanical Engineering / Business and Management (M)	59893 - LAB LIGHT WEIGHT DESIGN Prof. Dr. Markus Merkel Mechanical Engineering / Business and Management (M)	61708 - INNOVATIVE METAL FORMING AND LIGHTWEIGHT MANUFACTURING 2 Michael Schmiedt ECTS: 5 Mechanical Engineering / Business and Management (MBP/MBW)
59823 + 59893 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS		
26109 - ADDITIVE MANUFACTURING Prof. Dr. Miranda Fateri ECTS: 5 Technology Management - Production (TMP)		

MARKETING & SALES

23101 - LEADING INTERNATIONAL SALES TEAMS Claus Maurer Leadership in Industrial Sales and Technology (IST)	23102 - STRUCTURING INTERNATIONAL SALES TEAMS Claus Maurer Leadership in Industrial Sales and Technology (IST)	23211 - STRATEGIC SALES MANAGEMENT Prof. Dr. Arndt Borgmeier ECTS: 5 Leadership in Industrial Sales and Technology (IST)
23101 + 23102 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS		
63213 - INDUSTRIAL GOODS MARKETING Prof. Dr. Arndt Borgmeier ECTS: 5 International Sales Management and Technology (VI)	63603 - OPERATIONAL SALES Prof. Dr. Christian Uhl International Sales Management and Technology (VI)	63604 - STRATEGIC SALES Prof. Dr. Christian Uhl International Sales Management and Technology (VI)
63603 + 63604 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS		
63607 - INTERNATIONAL MARKETING STRATEGY Prof. Dr. Marc Falko Schrader ECTS: 5 International Sales Management and Technology (VI)	51706 - MARKETING Prof. Dr. Veith Etzold ECTS: 5 Business Management for SME (B) High proficiency in English is a prerequisite. Course may not be offered in English.	64609 - MARKETING CASE STUDIES Prof. Dr. Ingmar Geiger ECTS: 5 Industrial Engineering (W)

MARKETING & SALES

93704 - MARKETING MIX Prof. Dr. Christina Ocampo ECTS: 5 International Business (I)	93709 - DIGITAL MARKETING Prof. Dr. Peter Gentsch ECTS: 5 International Business (I)	93701 - STRATEGIC MANAGEMENT Prof. Dr. Christina Ocampo ECTS: 5 International Business (I)
93607- DIGITAL BUSINESS SYSTEMS Prof. Dr. Alexander Strehl ECTS: 5 International Business (I)	93608 - INTERNATIONAL MARKETING Prof. Dr. Christina Ocampo ECTS: 5 International Business (I)	34101 - RESEARCH METHODS N.N. ECTS: 5 International Marketing and Sales (MIM)
34102 - NEW CHANNELS AND CUSTOMERS Prof. Dr. Christina Ocampo ECTS: 5 International Marketing and Sales (MIM)	34103- QUANTITATIVE MARKETING Prof. Dr. Peter Gentsch ECTS: 5 International Marketing and Sales (MIM)	34104 - MANAGERIAL ECONOMICS & PRICING N.N. ECTS: 5 International Marketing and Sales (MIM)
34105 - SERVITIZATION & DIGITIZATION Prof. Dr. Jae-Aileen Chung ECTS: 5 International Marketing and Sales (MIM) Must attend first session, limited to ten places for international students.	34106 - PERSUASION & NEGOTIATION Prof. Dr. Jae-Aileen Chung ECTS: 5 International Marketing and Sales (MIM) Must attend first session, limited to ten places for international students.	36105 - STRATEGIC MANAGEMENT & TRANSFORMATION Prof. Dr. Veith Etzold ECTS: 5 SME Management (MM)
36101 - SCIENTIFIC METHODOLOGY Prof. Dr. Ralf-Christian Härting ECTS: 5 SME Management (MM)	9999 - MASTER'S THESIS Professors of the Program ECTS: 30 International Marketing and Sales (MIM)	

OPTOELECTRONICS, PHOTONICS & LASER TECHNOLOGY

33101 - PROJECTS / SOFT SKILLS Prof. Dr. Jürgen Krapp ECTS: 5 Applied Photonics (PH)	33102 - INTERFEROMETRY Prof. Dr. Rainer Börret ECTS: 5 Applied Photonics (PH)	33103 - QUANTUM OPTICS Prof. Dr. Thomas Hellmuth ECTS: 5 Applied Photonics (PH)
33104 - PHOTONIC DETECTORS AND DEVICES Prof. Dr. Andreas Heinrich ECTS: 5 Applied Photonics (PH)	33130 - PHOTONICS COMMUNICATIONS ENGINEERING Prof. Dr. Jürgen Krapp ECTS: 5 Applied Photonics (PH)	33131 - APPLICATIONS OF PHOTONICS DETECTORS Prof. Dr. Peter Zipfl ECTS: 5 Applied Photonics (PH)
33132 - ADVANCED IMAGE PROCESSING N.N. ECTS: 5 Applied Photonics (PH)	33133 - ADVANCED LASER TECHNOLOGY Prof. Dr. Harald Riegel ECTS: 5 Applied Photonics (PH)	33134 - SIMULATION OF SENSOR SYSTEMS Prof. Dr. Andreas Heinrich ECTS: 5 Applied Photonics (PH)
33135 - FUNDAMENTAL OPTICS Prof. Dr. Thomas Hellmuth ECTS: 5 Applied Photonics (PH)		

STEM - SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS

97339 - ADVANCED TOPICS IN MATHEMATICS Prof. Dr. Holger Schmidt ECTS: 5 Mechatronics (F)	97653 - ADVANCED ACTUATORS Prof. Dr. Arif Kazi ECTS: 5 Mechatronics (F)	31811 - ADVANCED ORGANIC CHEMISTRY AND STRUCTURE ELUCIDATION OF NATURAL PRODUCTS Prof. Dr. Hans-Dieter Junker ECTS: 5 Analytical and Bioanalytical Chemistry (ABC)
31120 - HONORS THESIS IN ANALYTICAL / ORGANIC CHEMISTRY Prof. Dr. Hans-Dieter Junker ECTS: 5 Analytical and Bioanalytical Chemistry (ABC)		

LANGUAGE & CULTURE

GERMAN LANGUAGE COURSES:
EXCHANGE STUDENTS ARE EXPECTED TO ATTEND A GERMAN INTENSIVE COURSE AT AN APPROPRIATE LEVEL DURING THE ORIENTATION PERIOD. UPON PASSING AN EXAM, THEY WILL RECEIVE CREDITS. AFTER THE INTENSIVE COURSE, STUDENTS WILL PARTICIPATE IN WEEKLY GERMAN CLASSES DURING THE SEMESTER.

27107 - INTERCULTURAL COMMUNICATION - ENGLISH N.N. ECTS: 5 Light Weight Engineering (LBM)	63103 - TECHNICAL ENGLISH Doris Düwel International Sales Management and Technology (VI) + 63104 - BUSINESS COMMUNICATION SKILLS AND BUSINESS ENGLISH Claudia Dobler International Sales Management and Technology (VI) 63103 + 63104 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS	
51111 - BUSINESS ENGLISH 1 (B2.1) Filomena Morgado ECTS: 3 Business Management for SME (B)	51202 - BUSINESS ENGLISH 2 (B2.2) Filomena Morgado ECTS: 2 Business Management for SME (B)	74105 - ENGLISH 1 Maria Luisa Knobelspies ECTS: 5 Business Informatics (WIN)
64404 - TECHNICAL ENGLISH (LEVEL B2) Kyle Drahmann Industrial Engineering (W) + 64405 - BUSINESS ENGLISH (LEVEL B2) Filomena Morgado Industrial Engineering (W) 64404 + 64405 MUST BE TAKEN TOGETHER TO RECEIVE CREDIT – TOGETHER 5 ECTS		11101 - GERMAN AND EUROPEAN CULTURE N.N. ECTS: 5 Language Center
11111 - GERMAN AS A FOREIGN LANGUAGE A1.1 N.N. ECTS: 2 Language Center	11112 - GERMAN AS A FOREIGN LANGUAGE A1.2 N.N. ECTS: 3 Language Center	11113 - GERMAN AS A FOREIGN LANGUAGE A2.1 N.N. ECTS: 2 Language Center
11114 - GERMAN AS A FOREIGN LANGUAGE A2.2 N.N. ECTS: 3 Language Center	11121 - GERMAN AS A FOREIGN LANGUAGE B1.1 N.N. ECTS: 2 Language Center	11122 - GERMAN AS A FOREIGN LANGUAGE B1.2 N.N. ECTS: 3 Language Center
11123 - GERMAN AS A FOREIGN LANGUAGE B2 N.N. ECTS: 3 Language Center		

I CHOSE AALEN UNIVERSITY BECAUSE **STUDENTS** FROM SOUTH AFRICA RECOMMENDED IT AND THEY WERE VERY PLEASED WITH BEING HERE. THEY TOLD ME THAT **AALEN** IS A VERY **FRIENDLY TOWN** AND THEY HAVE GOTTEN GREAT OPPORTUNITIES FROM AALEN UNIVERSITY. THE **PEOPLE** ARE VERY **HELPFUL** – THE STUDENTS AS WELL AS THE EMPLOYEES. IT IS SAFE, THE **FACULTY** ARE **AMAZING** AND THE COMMUNICATION WITH LECTURERS IS GREAT.

SEATILE NAKEDI,
SOUTH AFRICA,
EXCHANGE STUDENT IN BACHELOR'S PROGRAM
"COMPUTER SCIENCE"



OUR EASY APPLICATION PROCESS

JOIN AALEN UNIVERSITY AND BECOME A MEMBER OF ITS INTERNATIONALLY
WELL-CONNECTED COMMUNITY

There are many academic and organizational decisions to be made if you want to study in a foreign country. The coordinators and the international office at your home university will assist you in obtaining information about the program you are interested in and help you handle the technicalities involved in studying at Aalen University.

- The general application form (to be signed by your institution before sending)
- The enrollment application
- The application form for an Email account
- The learning agreement
- Proof of language proficiency in German (min. B1) and/or English (min. B2)
- A final project request form (in case you wish to carry out your final project / degree dissertation at Aalen University)
- Recent photo (passport format)
- A transcript of records including all your study results so far
- A full curriculum vitae

The International Relations Office at Aalen University is the contact for the nomination and application process. Exchange students first need to get nominated by their home university. As a second step, the exchange students need to upload their application documents through the Aalen University application portal (the link for registration will be sent out after the nomination by your home university to the nominated students). Please pay attention to the nomination and application deadlines.

All relevant application documents will be generated within the application portal of Aalen University. A complete application will contain:

Academic Calendar Fall term:

September 1st - February 28th

Orientation Weeks (including a German intensive course): approximately four weeks in September

Lecture Period:
Beginning of October -
End of January

Examination Period:
First three weeks of February



1. NOMINATION (BY PARTNER UNIVERSITY)

We will send a table for you to fill out and send back to us via email to aaa@hs-aalen.de!

Nomination Deadlines

Spring term: November 1st
Fall term: April 1st

2. APPLICATION (BY STUDENT)

Students will apply online and upload various documents that also need to be signed by home university.

Application Deadlines

Spring term: November 30th
Fall term: April 30th

The deadline for submitting a full application is November 30th for the Spring term.

Please contact us at incomings@hs-aalen.de if you have any questions regarding the application process.

YOU NEED MORE HELP? WE ARE HERE FOR YOU!

TAKING CARE OF SOME **FORMAL ISSUES** IS A NECESSITY, BUT YOU WILL NOT BE LEFT ALONE WITH THE RED TAPE

Exchange students from most Non-European countries will need a visa for Germany and should consider that getting the visa may take quite some time. Therefore, we advise you to apply to Aalen University as soon as possible. After we have received your application, we will send you a letter

of admission, along with an invitation confirming your status. Only then can you apply for your visa at the German embassy or a German Consulate. Special visa regulations may apply for certain nationalities (e.g. Students from the USA do not need a visa).

When enrolling at Aalen University (normally after your arrival in Germany) the following additional items need to be taken care of:

- adequate health insurance (can also be taken in Aalen)
- the payment of an administration fee to the German Student Association
- residence permit (registration with the City Hall)
- opening a German bank account

The International Relations Office will of course assist you when you take care of these formalities. As soon as you have fulfilled all the enrolment requirements (normally a couple of days after your arrival) you will get your student card.



AALen UNIVERSITY OFFERS A LOT OF **OPPORTUNITIES** FOR STUDENTS. THERE ARE THE INFOPOINT FOR STUDENTS, AND THE **WELCOME OFFICE FOR INTERNATIONAL STUDENTS** IN **EAST WUERTTEMBERG** WHERE STUDENTS ALWAYS GET HELP. MOREOVER, THE **PROFESSORS** AND **EMPLOYEES** ARE **TOP OF THE CLASS** – THEY ARE ALWAYS THERE FOR STUDENTS AS WELL. I THINK THE **CULTURE**, TRADITIONS AND **FRIENDLINESS** OF THE PEOPLE ARE **GREAT**. IN BADEN-WÜRTTEMBERG, THE COUNTRYSIDE IS SO BEAUTIFUL. I AM VERY THANKFUL THAT AALen UNIVERSITY ADMITTED ME TO STUDY HERE.

**THINH NGUYEN,
VIETNAM,**
STUDENT IN BACHELOR'S PROGRAM
"BUSINESS FOR SMALL AND
MEDIUM-SIZED ENTERPRISES"



SERVICES FOR INTERNATIONAL STUDENTS

WE KNOW VERY WELL THAT **INTERNATIONAL STUDENTS** CAN FOCUS ON THEIR STUDIES ONLY IF THEY FEEL WELL. WE WILL GET YOU SETTLED IN, FAST AND SMOOTHLY.



All around service - more time for studying, learning and enjoying your time in Aalen

The International Relations Office (IRO) and the faculty members make every effort to support all international students both academically and emotionally. Throughout the years, a comprehensive service package for foreign students has been developed to help get them settled in quickly into the university, German academic culture, society and the working environment. This package includes:

- Supervision by the IRO and a faculty member
- Preparatory online German course Speexx before arrival

- On-campus accommodation
- Orientation weeks
- German language courses at different levels
- Buddy and Family Friendship Programs
- Advisory and Counseling services
- Courses in intercultural communication
- Trips and excursions
- Company visits
- Cultural events
- Support through student tutors and resident assistants
- Job interview trainings (for those who decide to go for an internship/co-op after their study semester)

BUDDY PROGRAM

*Variety is the Spice of Life ~
Together for International Friendship*

OUR GERMAN STUDENTS ARE A **WELCOMING COMMUNITY**. IN OUR BUDDY PROGRAM, YOU WILL EXPERIENCE THAT FIRST HAND.

The Buddy Program is designed to help international students adapt to campus life and German culture. It helps them get to know local students from Aalen University and from all over the world. International students get matched with a local buddy who can answer basic questions about studying and living in Aalen, and help with social integration and adjusting to the new academic environment. Monthly activities like trips and get-togethers give all new international students the opportunity to meet other exchange and full time students.



TEACHING AND LEARNING AT AALEN UNIVERSITY

WE WANT YOU TO STUDY SOMETHING THAT EVOKES YOUR **ENTHUSIASM**.
OUR LABORATORIES ARE EXCELLENTLY EQUIPPED AND THE THEORETICAL
PRINCIPLES WE TEACH HAVE **STRONG TIES TO WORKING LIFE**.

Aalen University wants you to ace your studies. That is why our lecturers teach you in exciting and innovative ways. We offer a wide range of help for your theoretical principles. The Study Support Center starts each semester with a math preparation course to freshen up your math skills. In addition, during the lecture term there are tutorials supplementing and deepening the content of lectures. During the term, the academic staff of the Center offer office hours where they can help students with problems due to their wide-ranging expertise.

We live in an age highly influenced by digitalization. As a University of applied science, we keep up with the pulse of our time and adapt our syllabus to technical innovations. The E-Learning Center at Aalen University emerged during this process. Due to different learning and teaching preferences, the team of the E-Learning Center is developing an online platform that offers lecture content, scripts, practice exercises and much more. The platform will, for example offer the chance to watch a lecture again if students need the revision. By doing this, students can learn, revise and practice in an individual, digital way.

Our library offers a wide range of scientific publications as ebooks or electronic resources accessible over various databases. Besides the online content, the library offers over 58,000 physical books ›



Award winning teaching: Aalen University has top marks in various rankings

or magazines. On three floors, students can learn in a bright, quiet environment with tables supplied with electric sockets and free WIFI. The staff of our library will also help you in individual appointments, as well as courses and seminars with questions regarding lending of books, researching an academic paper or on how to use the online databases properly.

We at Aalen University know that students of today are the developers and decision-makers of tomorrow. Our goal is to enable you to develop products and processes that match the demands of the indus-

try. Therefore, our lecturers aim for lectures that discuss current events. Our syllabus is closely adapted to the demands of the industry. Learning happens in small, individualized and interactive groups lead by lecturers with long-time experience in the industry. While teaching, our professors aim to pass on even difficult topics effortlessly and with a sense of humor, because we know that laughing charges the brain. To break up the relatively strict structure of lectures and seminars, some subjects at Aalen University offer so-called "Makeathons". Each semester, students form groups to mill over problems and in



the end construct and program prototypes to solve said problems within three days. Such projects and tasks help students grow. It is, therefore, not a coincidence that Aalen University was ranked fourth best Entrepreneurial University, among Universities of Applied Sciences nation-wide by the Stifterverband (The Donor Association for the Promotion of German Science and Humanities) in 2018.

Outside our lecture halls, you will find projects and activities to get to know your fellow students and improve your soft skills. Our biggest student project is the "E-Motion Racing Team", an interdisciplinary team of students developing, constructing and testing an electric racecar. During the process, more than twenty subjects from all five faculties at Aalen University are involved in the building of the car. While the team is big, each member is able to contribute their ideas and work on projects within the race team that interest them. The finished product is an electric racecar that is participating in races on racetracks all over Europe. During the assembly of the car, students use what they have learned in lectures, along with soft skills, which are necessary for working in any team.

To improve those soft skills further, Aalen University offers a program called "Studium Generale". Each semester, the program runs under a different topic, which have included industry 4.0, philosophy, and migration and integration. Students can work on their soft skills in small groups or listen to lectures held by international experts on their respective fields. In addition, students can develop their personality through courses held by coaches as varied as actors, rhetoric coaches, cyber security specialists or anthropologists.



Dedication, passion and lots of emotion: the university's racing team

SPEEXX

**PERSONALIZED AND FLEXIBLE
GERMAN COURSES FOR YOU!
THE LANGUAGE LEARNING
SOFTWARE IS AVAILABLE
TO ALL STUDENTS.**

*Please write to
rosemarie.francis-binder@hs-aalen.de
if you would like to use
this software before
your arrival in Aalen.*

During your time in Germany, we strongly encourage you to learn the German. In addition to the offers of the Language Center, you can also use the Speexx Online Language Learning software to master the German language. This world-renowned program is flexible, results oriented and available at your fingertips! Especially if you would like to work in Germany, the language is a must!

START HERE, GO ANYWHERE

AALEN UNIVERSITY IS A CENTER FOR **YOUNG ENTREPRENEURS** AND THOSE WHO WANT TO BECOME **BUSINESS OWNERS** OF THE **FUTURE**.

Aalen University answers the question “Can you learn the spirit of entrepreneurship and a business-like thinking?” with a “Yes!”. Our university encourages students to come up with innovative ideas, develop them and found their own businesses after graduation – or even during their time with us.

Under the phrase “Entrepreneurship University”, programs have been established and bundled with already existing offers concerning the founding of a business. Students interested in this topic can choose from a variety of interdisciplinary consultation and support services. In the programs, workshops and

courses, students learn to develop their creativity, to have faith in their ideas, to practice team spirit and to hold self-confident presentations. Because at Aalen University, we want to discover the potential of students, hold it in highest regards and help make innovative ideas a reality.

The university's very own entrepreneur initiative “stAart-UP!de” teaches different techniques to solve problems in a creative way or methods for business-like thinking. In the so-called INNO-Z innovation center on campus Burren, students can work during the pre-founding phase in Shared Desk areas to develop their budding ideas. Afterwards, young start-up companies can move into the office spaces of the INNO-Z to build up their company. Since opening its gates to young entrepreneurs three years ago, 50 start-ups have sprouted roots in the INNO-Z. Some of them are already selling their goods or services.

The goal of Aalen University is to educate creative people who think along the lines of modern day businesses and beyond – no matter whether they build up their own company after graduation or take on jobs in already existing companies.

*Making ideas a reality:
start-ups in the INNO-Z*



WHAT I LIKE BEST ABOUT AALEN UNIVERSITY IS THAT THE **ATMOSPHERE** HERE IS VERY GOOD AND **FAMILIAR**. THE LECTURERS KNOW THEIR STUDENTS AND THE **STUDENTS** KNOW THEIR **LECTURERS**. IF YOU HAVE A QUESTION AFTER THE LESSON, YOU CAN GO DIRECTLY TO THE LECTURER AND ASK. MOREOVER, I LIKE THE **MENTALITY**: THE PEOPLE HERE ARE VERY **RELIABLE** AND **PUNCTUAL**.

LOIKA KOUNGA,
CAMEROON,
STUDENT IN BACHELOR'S PROGRAM
“ELECTRICAL ENGINEERING”



CAMPUS LIFE

STUDYING IS NOT ALL ABOUT FULL LECTURE HALLS.
OUR **CAMPUS** IS FILLED WITH LIFE: THE STUDENTS ARE A **COMMUNITY**.

When you spend enough time at Aalen University, you will see that our students are a close community.



Aalen Industry Fair: meet over 140 companies on campus and widen your network

They have formed associations in which each student can be active and work for a better and more exciting life on campus. The student body, called Verfasste Studierendenschaft, is an office led by a student committee. Their various departments organize and plan activities all over campus. They are responsible for the wide range of offers in the university's sports program including yoga courses, basketball, salsa courses as well as tennis or volleyball. A highlight in the summer is the University's sports festival organized by the VS. They also manage the Q-Buddy system, which allows students to report problems within programs or the University itself anonymously. The VS also hands out international student identity cards, funds field trips and organizes the university's choir. A specialty of the VS is the annual Christmas Market held on campus with festive food and hot drinks.

Another big student-lead organization is the UStA. Their slogan "from students – for students" sums up their program effortlessly. The UStA is in charge of organizing one of the biggest fairs on campus: The Aalen Industry Fair takes place each year and offers students of Aalen University the chance to meet regional companies and make connections for interns-



hips, student jobs or writing a thesis in cooperation with a company. The UStA also organizes a blood drive and the university cinema. The program for the cinema varies each semester; from current blockbusters to Hollywood classics – the university-cinema in the main lecture hall will serve every taste. For international students, the UStA offers field trips to interesting and exciting locations all over Europe, like Berlin, Prague or Brussels. For those who prefer nightlife, the UStA organizes two of the biggest parties on campus: the N8 of Students and the Newie-Party at the beginning of each semester are popular among students.

Our university also offers a range of other communities such as the radio amateur group, the "E-Motion Racing Team" who build their own electric racecar from scratch to compete on racetracks all over Eu-

rope, the International Society Aalen (ISA) or the Hohenstaufen fraternity situated next to our canteen.

At the beginning of 2018, we opened up a science center next to our canteen. Here, the explorhino initiative has found its home. explorhino offers exhibitions in the Science Center which allow the exploring of all kinds of technical and natural phenomena, and the explorhino pupil's laboratory has set its goal at showing children that science is fun. With this program, Aalen University wants to incorporate scientific games and experiments into early education to overcome children's hesitations against choosing a scientific career in later life. The experiments and courses offered by the pupil's laboratory make natural science palpable and approachable. If you want to help with this project, the explorhino pupil's laboratory is always looking for volunteers!

Top organized and varied sports program and free time activities

find a map of
our campus here



CITY LIFE

AALEN IS A LIVELY CITY AND HAS A LOT TO SHOW. HERE, YOU'LL HAVE EVERYTHING: INNOVATIVE **INDUSTRIES**, A LONG **HISTORY** AND BOOMING **FESTIVALS**.



Urban feel in countless
cafés and shops

Aalen has an urban, almost Mediterranean flair. In the pedestrian area at the heart of the city, you will find many shops, cafés and restaurants. In the spring, you will see people eating outdoors at cafés and restaurants. You can spend an afternoon in the shade outside one of the countless cafés with a coffee or something cold. In the evening, Aalen offers a broad selection of various restaurants. Italian, Japanese, Tapas bars, traditional German cuisine – you name it, Aalen has it. If you like to cook your own meals, Aalen has a farmer's market twice per week. On Wednesdays and Saturdays, the market place and the pedestrian area all the way up to the town hall is turned into a market. Local farmers sell fresh produce, honey and baked goods, among other things.

HISTORY COMING TO LIFE

Aalen is not only an urban center, it was also the center of industrialization in the region. Aalen is home to one of the oldest industrial companies in Germany. Schwäbische Hüttenwerke was founded in 1365 due to the iron ore mining in the region. Still running to the present day, Schwäbische Hüttenwerke GmbH offers pumps and engine components for all types of powertrain concepts. Not far from today's site, the mine "Tiefer Stollen" is situated north of Aalen in a peaceful forest. The mine is now a museum, and offers a unique glance into the history of mining, showing

how working underground developed during the heyday of iron mining.

Aalen is also a city with long Roman history. The Romans built their frontier, the limes, not far from Aalen and erected the largest cavalry fort north of the Alps in what would later become the city of Aalen. Today, the area is home to the Limes Museum, which underwent extensive refurbishments in 2018. The site is counted among the UNESCO world heritage sites. However, not only Aalen offers you a glance into Roman history. In neighboring communities, you will find the replica of a Roman watchtower or a triumph arc that marked the frontier on a hilltop. After a visit to the Roman sites, you can relax in the bubbling hot springs on a mountain overlooking Aalen. The thermal baths are situated in a spa resort with Roman flair and offer a unique view over Aalen.

Did you know that there is a prehistoric period called the Aalenian Age? If not, the primeval world museum might be for you. The term "Aalenian" is used in scientific dialog all over the world and Aalen – as a so-called type locality – is known in geological circles globally. The primeval world museum offers a glance into the geologic history of the region with a collection of fossils – dinosaurs, squids, crinoid or giant ammonites – spread over two floors. For someone who does not like strolling through museums, the guided walking tours through Aalen at night might be a fun alternative. Accompanied by a night watch in historic garb, you can delve into the history of medieval Aalen and learn more about its development.

AALEN – FESTIVAL CAPITAL OF THE REGION

Back to the present: Aalen has a variety of festivals to offer, with which you can fill your time. During spring, the "wortgewaltig" festival celebrates eloquence in li-



The hot springs
„Limes-Therme“ offer
relaxation

terature and art and culminates in the bestowment of the renowned Schubert literary award. In July, Aalen celebrates its diverse inhabitants and holds the international festival. Folklore performances as well as culinary specialties shape the face of this street festival. "Reichsstädter Tage" is Aalen's biggest festival. It is held in September. Performances from various bands and clubs shape this festival to be the biggest city festival in the region. The Limes Museum also holds the „Roman Days“ festival in September. Enactment groups from sometimes more than six different countries show interested audiences how Romans lived in everyday life and during military duty. In the fall, Aalen is home to the Aalen Jazzfestival. Many concerts by leading jazz-musicians such as Gregory Porter, Zaz or Sinéad O'Connor take place in the city. In December, Aalen has its very own Christmas Market, a magical, festive get-together with good food and warm drinks in the heart of the city situated around one of the largest Christmas pyramids in the region.

ACCOMMODATION

DEPENDING ON YOUR PERSONAL TASTES, YOU HAVE THE CHOICE OF LIVING EITHER OFF-CAMPUS IN PRIVATE ACCOMMODATIONS OR IN ONE OF THE **STUDENT RESIDENCE HALLS**.

Compared to larger German cities, living in Aalen is affordable for students. You just need to inform us of your accommodation preferences during the application process.

PRIVATE ACCOMMODATION

There is plenty of private housing and private student residence halls available in Aalen. The monthly rent ranges between € 250,- for a room without a shower and up to € 500,- for luxurious rooms. A very popular form of student housing are sha-

red flats. Many students look for an additional flat mate for a vacant room in a shared apartment.

These and other private offers can be found on the university's website under hs-aalen.de/apartments or on the website of the Student Association studentenwerk-ulm.de/enhousing/private-housing.html.

When you are looking for private accommodation, please consider some additional aspects, such as



Where friendships are built: your network for the future

The AYA Student Residence Halls Include:

- Carl-Schneider Residence Hall: single room in an 11-room unit; shared kitchen /bathroom/showers; monthly rent € 250,- *)
- Anton-Huber Residence Hall: single room in 4 or 6-room unit; shared kitchen /bathroom/showers; monthly rent € 290 - 305,- *)
- Steinertgasse Residence Hall – single Apartment; monthly rent € 340,- *)

*) Prices are valid as of September 2019; they may be subject to change before the Fall term 2020.

Private Student Residence Halls Close to the University Include:

aal-inn.de

aal-inn-city.de

aal-inn-suites.de

wohnungsbau-aalen.de/de/mieten/apartmenthaus-hopfenstrasse

vrbank-aalen.de/wohnheim

mikroapartments-aalen.de

aa-apartments.de



whether the rent includes utilities, or whether the apartment comes furnished or unfurnished. Please be aware that some of the landlords might not speak English well. If you need any assistance when looking for private accommodation, please contact us at incomings@hs-aalen.de.

STUDENT HALLS

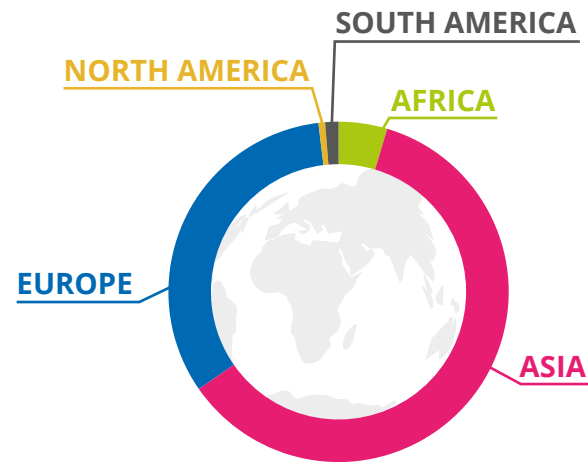
Aalen University does not own or operate any residence halls. Many exchange students choose accommodation in student residence halls run by the Aalen Youth Association (AYA). For exchange students, there is a special room application procedure. A deposit must be transferred in order to reserve a room and private liability insurance is a

requirement. You will be informed about further details in time during the application process.

Please be aware that a contract for AYA accommodation can only be signed for one full semester (= 6 months, from March 1 to August 31 or from September 1 to February 28) and that students obtaining a room in an AYA residence hall have to move out after 6 months so that new exchange students can be served. Thus, should somebody plan from the start to stay more than 6 months or less than 6 months, we recommend that you look for accommodation on the private market from the beginning.

find your accommodation here





INTERNATIONAL FACTS OF AALEN UNIVERSITY

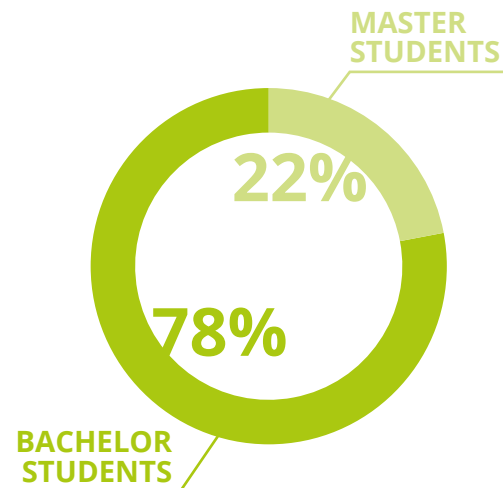
10%
INTERNATIONAL STUDENTS

61
NATIONALITIES

139
PARTNER UNIVERSITIES
IN 53 COUNTRIES

TOP 5 DESTINATIONS OF AALEN UNIVERSITY STUDENTS FOR STUDIES AND INTERSHIPS ABROAD

SPAIN
USA
AUSTRALIA
UK
FINLAND



22 BACHELOR PROGRAMS AND 21 MASTER PROGRAMS

AALEN UNIVERSITY OF APPLIED SCIENCES

6,000
STUDENTS

5
SCHOOLS IN
ENGINEERING
AND BUSINESS

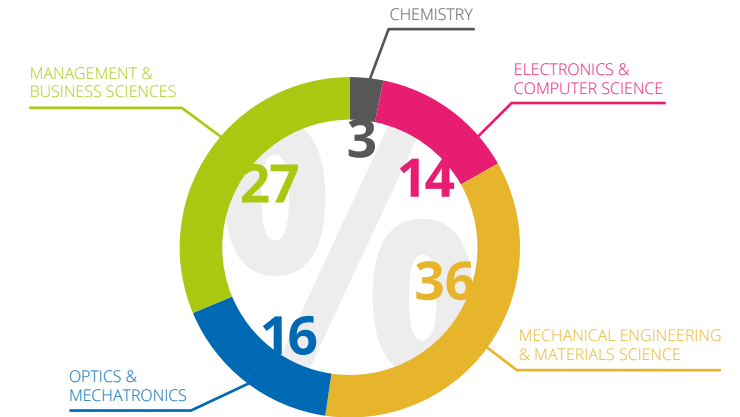
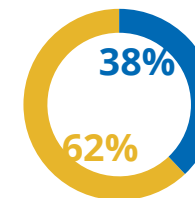
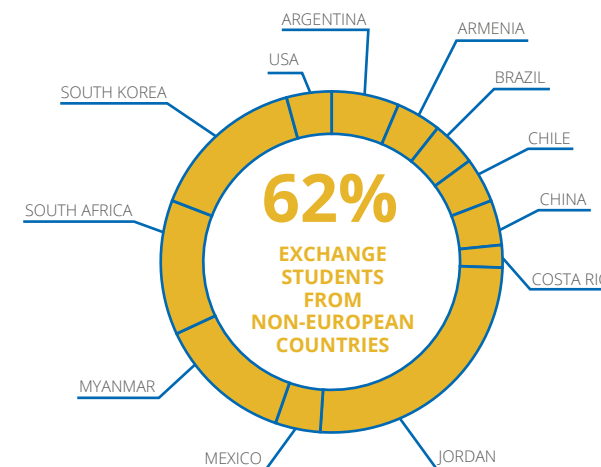
**MEMBER OF
EUA AND DAAD**

THE CITY OF AALEN: MULTICULTURAL AND INTERNATIONAL

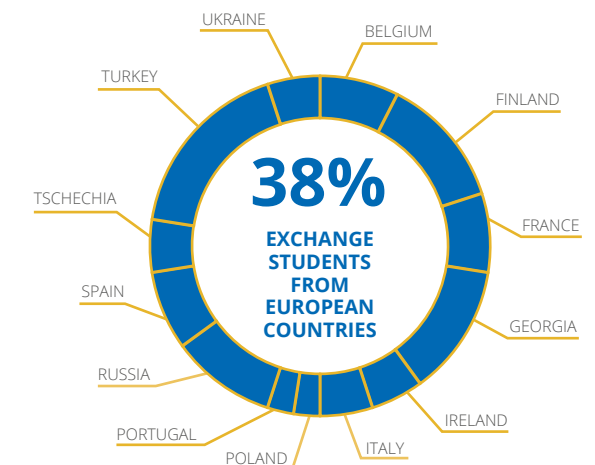
68,150
INHABITANTS

28,9%
POSSESS A
MIGRATION BACKGROUND

111
NATIONALITIES IN TOTAL



INTERNATIONAL STUDENTS AT AALEN UNIVERSITY STUDY IN THESE SCHOOLS



See you soon
in Aalen

