

International Program in Engineering (IPE)



Introductions – The IPE Team



Prof. Dr. Andreas Schramm //

Head of IPE

Responsibilities:

- Program content, courses & credits
- Lecturers



Jenni Loudon //

Administration

Responsibilities:

- Administration & organisation of IPE



Verena Bauer //

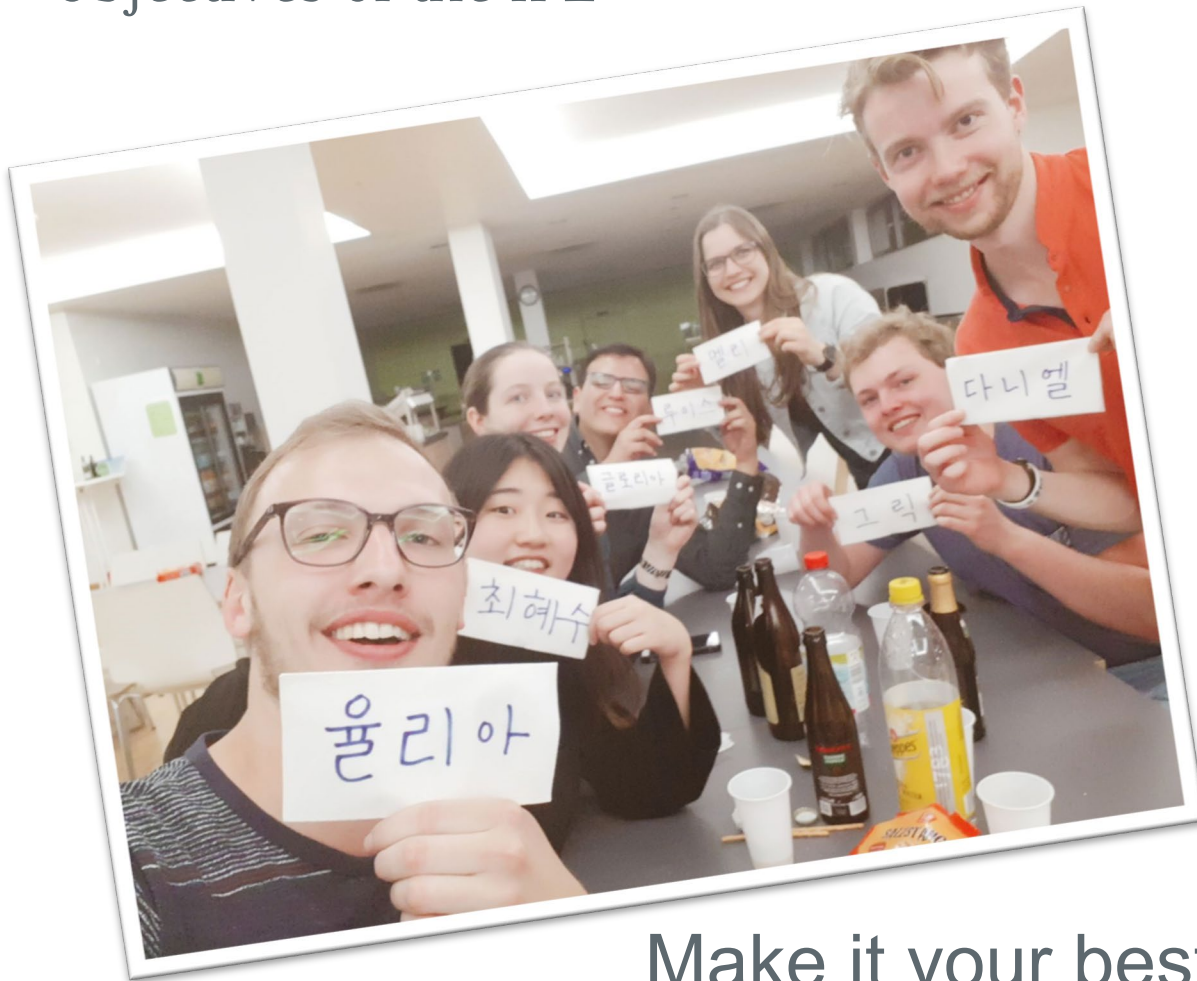
Administration

Responsibilities:

- Housing
- Excursions
- Scholarships



Objectives of the IPE



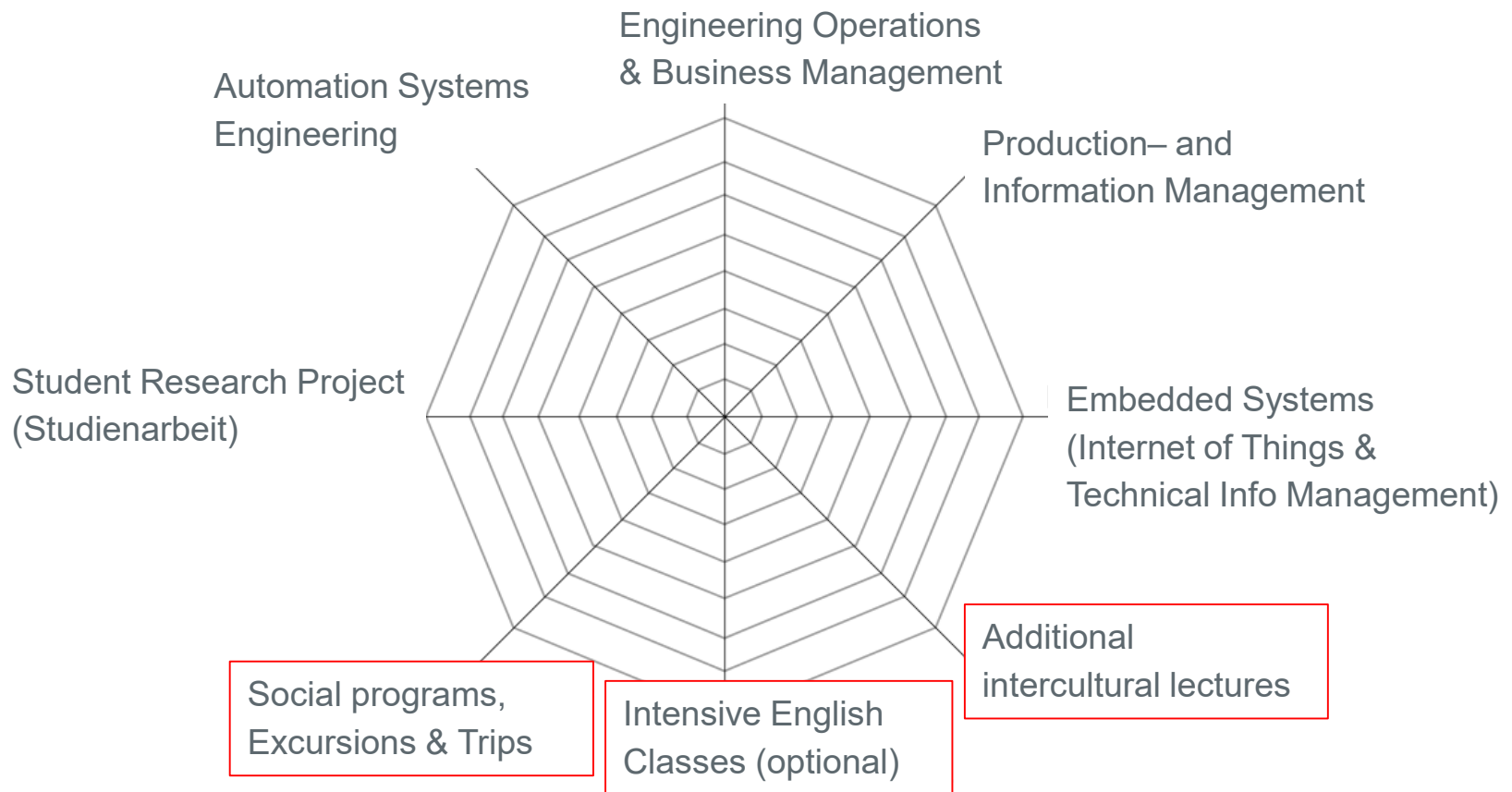
- Focus on Industry 4.0 & global engineering topics
- Multidisciplinary teams
- Enhance your personality
- Develop your soft skills
- Make lifelong friendships

Make it your best semester ever!



International Program in Engineering – Overview

- » Specialization „ Production Systems Engineering“
- » Specific integrating & interdisciplinary modules („Broad‘ instead of ‚Deep‘)
- » Seminaristic approach, Team-oriented scientific work



IPE – Modules in Detail

Modules	ECTS per module	Teaching and learning contents
A.) Automation Systems Engineering	5	A1.) Extended concepts in automation A2.) "Integrated Industry": Seminar and Excursion A3.) Simulative engineering
B.) Engineering Operations & Business Management	5	B1.) Management of Industrial Processes B2.) Project Management B3.) International Business
C.) Production and Information Management	5	C1.) Business information systems in production and logistics C2.) Advanced concepts in production management C3.) Interdisciplinary seminar & lab practice
D.) Embedded Systems	5	D1.) Embedded Systems/IoT – Basics D2.) Technical Information Management D3.) Lab practice: embedded systems seminar
E.) Student Research Project	5	Individual student research project
F.) Social and Non-Technical Skills	5*	F1.) Intensive language course F2.) Additional intercultural lectures F3.) Social programs, excursions & trips
ECTS in total: DHBW students	25	

*only for international students



IPE – Calendar 2022 DHBW students

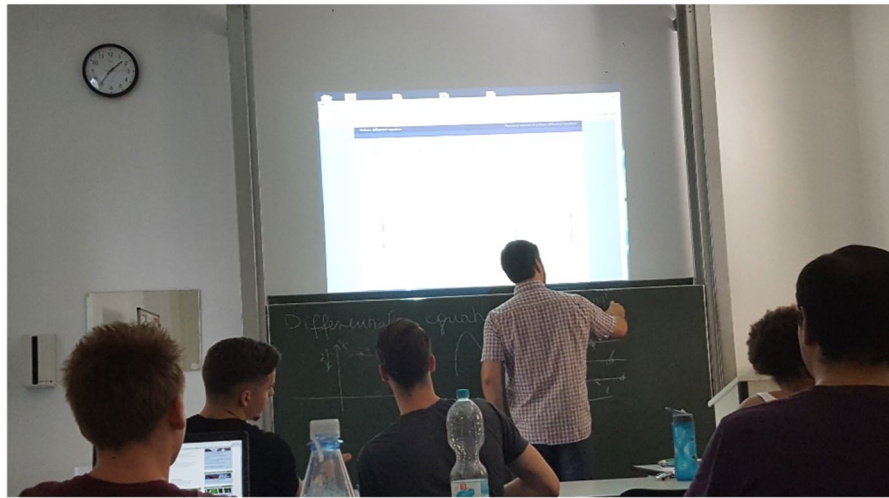
(detailed schedule for 2022 t.b.c.)

Track length:	12 weeks + 1 week student research project
Start of the semester: DHBW students:	28th March 2022 (First week student research project)
End of the semester: DHBW students:	26th June 2022
<u>Semester dates in detail:</u> Student research project DHBW students:	28th March – 3rd April 2022
Engineering courses (Modules A-D)	4th April – 26th June 2022

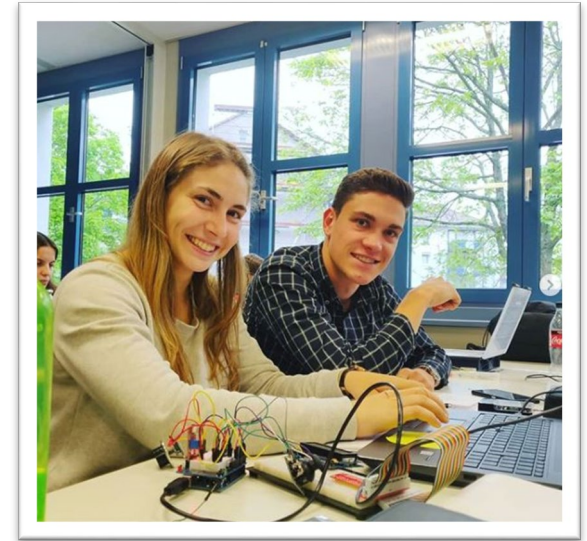
* International students arrive 4th April and stay until 3rd July to complete their student research project.



Study in English language



- All lectures and exams in English



- International faculty from USA, Russia, Hungary and, of course, Germany...
- Students from Turkey and Colombia already nominated



Acquire hands-on knowledge through company visits and related excursions *(Covid-19 permitting)*



- Excursion to Hannover Messe
- Company visits, e.g.
 - Car manufacturers (BMW, Porsche, Audi, Mercedes)
 - Brewery or Sektkellerei
 - Industrial manufacturers (e.g. Kärcher, Stahlwerk etc.)



- Team-building events, e.g.
 - Wine tour
 - Geocaching
 - E-Mountain biking
 - Rope course,
 - go-karting and much more ...
- Excursion fee only 100€



Teambuilding



- Establish lasting friendships with connections all around the globe
- If rooms are available, you can also live in the International House

- Grow together as a group
approx. 15 Internationals
+
15 Germans
(MT, ET, INF, WIW, MB)



Develop intercultural skills



- Running Dinner
- Pow Wow
- Intercultural management class



What makes the IPE different from your regular semester?

International study style

- Orientation week with teambuilding and intercultural experiences (incl. optional English language course)
- Lots of group work and interactive lectures



Active involvement beyond the classroom

- You will be a “buddy” and take on a “tutor” task
- Company visits and related excursions during the week
- Hang out with the Internationals at the weekends

The „ideal“ DHBW IPE student...

- ...is interested in new fields of knowledge, e.g. Industrie 4.0
- ...is excited about new experiences (cultures, language, travel, excursions, etc.)



What is the benefit for you?




- Prepare yourself for important global engineering topics
- Profit from working closely together with students from other faculties
- Immerse yourself in an international environment while in Mosbach
- Become fluent in business English
- Grow your personality
- Enhance your social and intercultural skills
- Build long-lasting friendships and connections all around the globe
- Demonstrate leadership skills by taking on responsibility



How to apply?

- Application documents
→ mosbach.dhbw.de/ipe
- Complete the Application Form and Learning Agreement (LA)
- Send your completed application to:
IP-Mosbach@mosbach.dhbw.de
 - SG-Sekretariate do not submit applications
- Application deadline: **December 15th 2021**
- Decision by week 2 / 2022
- If you have any questions, please contact
IP-Mosbach@mosbach.dhbw.de

Please complete and send by email to: IP-Mosbach@mosbach.dhbw.de If you have any questions, please contact: Jennifer Loudon Tel. 06261/939-547

 **DHBW**
Duale Hochschule
Baden-Württemberg
Mosbach

APPLICATION
INTERNATIONAL PROGRAM IN ENGINEERING (IPE)

Name: _____
Date of Birth: 1 | December | 1998 |
Telephone: _____
E-Mail: _____@lehre.mosbach.dhbw.de..
DHBW-Course: MB-KE | A Kurs |
Head of Study Department: _____
Training company: _____
Training Manager: _____
Tel. Training Manager: _____

I wish to apply for the International Program in Engineering
in year 20 | | / (6th Semester) - (Application Deadline: 15 December)

I am interested in taking part in the English course in the first week of IPE.

.....
Date Signature of Student

Important: If there are more applications than available places, there will be a selection process. This selection process is primarily based on achieved grades.
Applications will only be considered if they are submitted in full by the deadline (see above) to the following email address: IP-Mosbach@mosbach.dhbw.de

Agreement from the Head of Study Department:
Based on the student's course achievements and their English proficiency, I agree that they are a suitable candidate to successfully participate in *International Program in Engineering*.

.....
Date Signature of Head of Department

Agreement from the Training Manager at Training Company:
The Dual Partner company agrees to the student participating in *International Program in Engineering*.

.....
Date Signature of Training Manager

WE LOOK FORWARD TO RECEIVING YOUR APPLICATION

