



DEGGENDORF INSTITUTE of TECHNOLOGY

Dual System Work & Study Programme

Dual System Work and Study Programme – theory & practice.

- Generally in Bavaria, students on a dual system work and study programme are integrated into **the regular university semesters**.
 - There is **no separate dual system group** at the DIT
 - Students in this system will attend **lectures together with other students** on regular degree courses.
- All Bavarian universities and related companies involved in the dual system degree programme are - if needed - advised, supported and assisted by the **Bavarian "hochschule dual" center in Munich**.
- **Individual advice** for companies and students can be obtained directly on campus in Deggendorf, at the **Career Service**.

hochschule
d u a l

The Faculties – 5600 Students in 6 Faculties



**Almost 600
international
students !**

- **1700 Applied Economics (School of Management) students**
- **990 Mechanical Engineering and Mechatronics students**
- **1000 Electrical Engineering, Media Technology and IT students**
- **580 Natural Sciences and Industrial Engineering students**
- **610 Civil and Construction Engineering students**
- **400 Applied Healthcare Science students**
- **320 Part-time students**

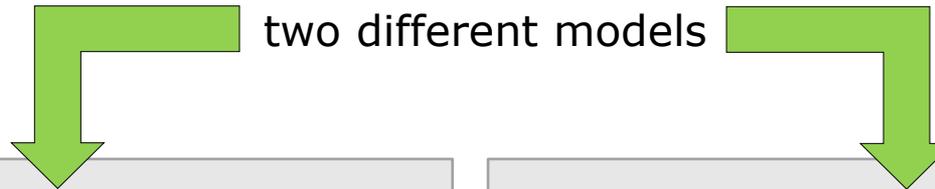
Studying in German - Undergraduate

BACHELOR DEGREES: 7 semesters, dual courses possible

-  **Faculty of Civil and Construction Engineering**
 - Civil and Construction Engineering, B.Eng.
 - Resources & Environmental Management, B.Eng.
-  **Faculty of Applied Economics (School of Management)**
 - Applied Economics, B.Sc.
 - Business Administration, B.A.
 - Business Informatics, B.Sc.
 - Tourism Management, B.A.
-  **Faculty of Electrical Engineering, Media Technology and Informatics**
 - Applied Computer Science, B.Eng.
 - Electrical Engineering & Information Technology, B.Eng.
 - Media Technology, B.Eng.
-  **Faculty of Mechanical Engineering & Mechatronics**
 - Mechanical Engineering, B.Eng.
 - Mechatronics, B.Eng.
-  **Faculty of Natural Sciences & Industrial Engineering**
 - Engineering Physics, B.Eng.
 - Industrial Engineering, B.Eng.
 - Mechatronics integrated (Cham), B.Eng
-  **Faculty of Applied Healthcare Science**
 - Applied Healthcare Science, B.Sc.
 - Applied Training Science, B.A.
 - Informatics in Health Economics, B.Sc

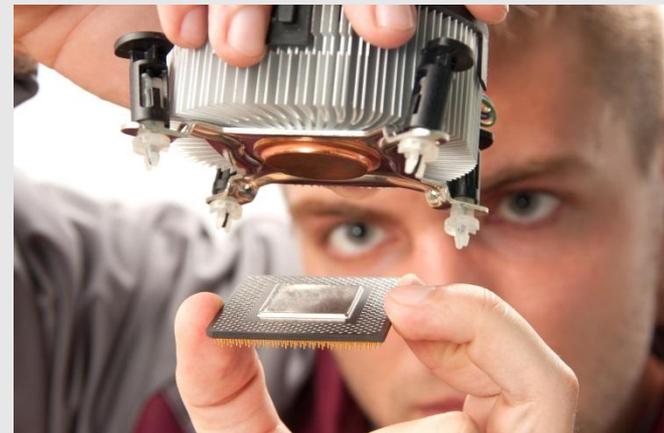
Hochschule DUAL

The optimal combination of theory and practice



Combined Studies

degree course
+
on-the-job apprenticeship



Cooperative Study

(Studies with
profound practice)

Dual study program: Bachelor Academic Studies & Apprenticeship (example)

| Timetable | 1st half-year | 2nd half-year | 3rd half-year | 4th half-year | 5th half-year | 6th half-year | 7th half-year | 8th half-year | 9th half-year | |
|---------------------------|---------------|-----------------------------|-----------------------|------------------------|-----------------------|------------------------|---|-----------------------|-------------------------|--|
| Apprenticeship in months | 7 | 6 IHK/HWK API Prüfung | 1 | 2 | 1 | 2 | 4,5 IHK/HWK APII examination 23,5 of praxis | 1 | 2 | Bachelor's thesis 27,5 months of practical experience |
| College program in months | - | - | 4,5 first semester | 4,5 second semester | 4,5 third semester | 4,5 fourth semester | fifth semester (practical experience) | 4,5 sixth semester | 4,5 seventh semester | - |

Apprenticeship | Start: e.g. 1. September

Practical business experience

Program at college | Start: 1. October of the following year

DIT's Present Dual Combination Study Programme:

- Business administration + (eg) Industrial (Sales)Manager
 - + (eg) Banker
 - + (eg) Office Clerk/Manager
- Business Informatics + (eg.) IT specialist or computer system businessman/woman
- Civil and Construction Engineering + any apprenticeship in construction
- Electrical Engineering + (eg.) Electronic Technician
- Media technology + (eg.) Multimedia designer
- Mechatronics + (eg.) Mechatronicer
- Mechanical Engineering / Production Technology + (eg.) Industrial mechanic
 - + (eg.) Plant mechanic
- Industrial Engineering + (eg.) Industrial businessman/woman
 - + (eg.) Technical product designer

A dual course of study is basically possible in every degree course.

Companies which provide combined studies - examples

- Continental
course: Industrial Engineering
apprenticeship: Industrial businessman/woman



- Sturm Gruppe
course: Mechatronics
apprenticeship: Mechatroniker



- Siemens AG
course: Mechanical Engineering
apprenticeship: Industrial mechanic



Dual study program: Bachelor Cooperative Study (example)

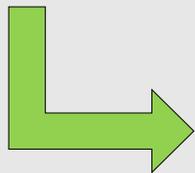
| Timetable | 1st half-year | | 2nd half-year | | 3rd half-year | | 4th half-year | | 5th half-year | | 6th half-year | | 7th half-year | |
|---|---------------|----------------|-----------------|----------------|-----------------|-----|---------------|--|--|----------------|---------------|------------------|---------------|--|
| Practical business experience in months | 1,5 | 1 | 2 | 1 | 2 | 4,5 | 1 | 2 | Bachelor's thesis 16 months of practical experience | | 1 | | | |
| College program in months | 4,5 | - | 4,5 | - | 4,5 | 4,5 | - | Fifth semester (practical experience) | - | 4,5 | - | 4,5 | - | |
| | | First semester | Second semester | Third semester | Fourth semester | | | | | Sixth semester | | Seventh semester | | |

Practical business experience (starting after the 1st/2nd/3rd semester) | Start: e.g. August incl. several weeks' project work

Program at the college | Start: 1. October

BMW SPEEDUP Programme for bachelor's students.

- The DIT is one of the **three selected universities in Germany** that cooperate with the BMW Group.
- Course: Bachelor Mechanical Engineering, B.Eng., as a Cooperative Study
- Practical placements: during the studies, students will get to know the different areas of the BMW Group through practical work placements in Germany and in foreign countries.
- Placement abroad: a semester spent studying abroad is an integral part of the programme.
- Scholarships for 15 students
- Specialist and personal training at the BMW-Bildungsakademie.
- Support with a monthly grant of 720 euros plus a travel allowance of 350 euros per semester.



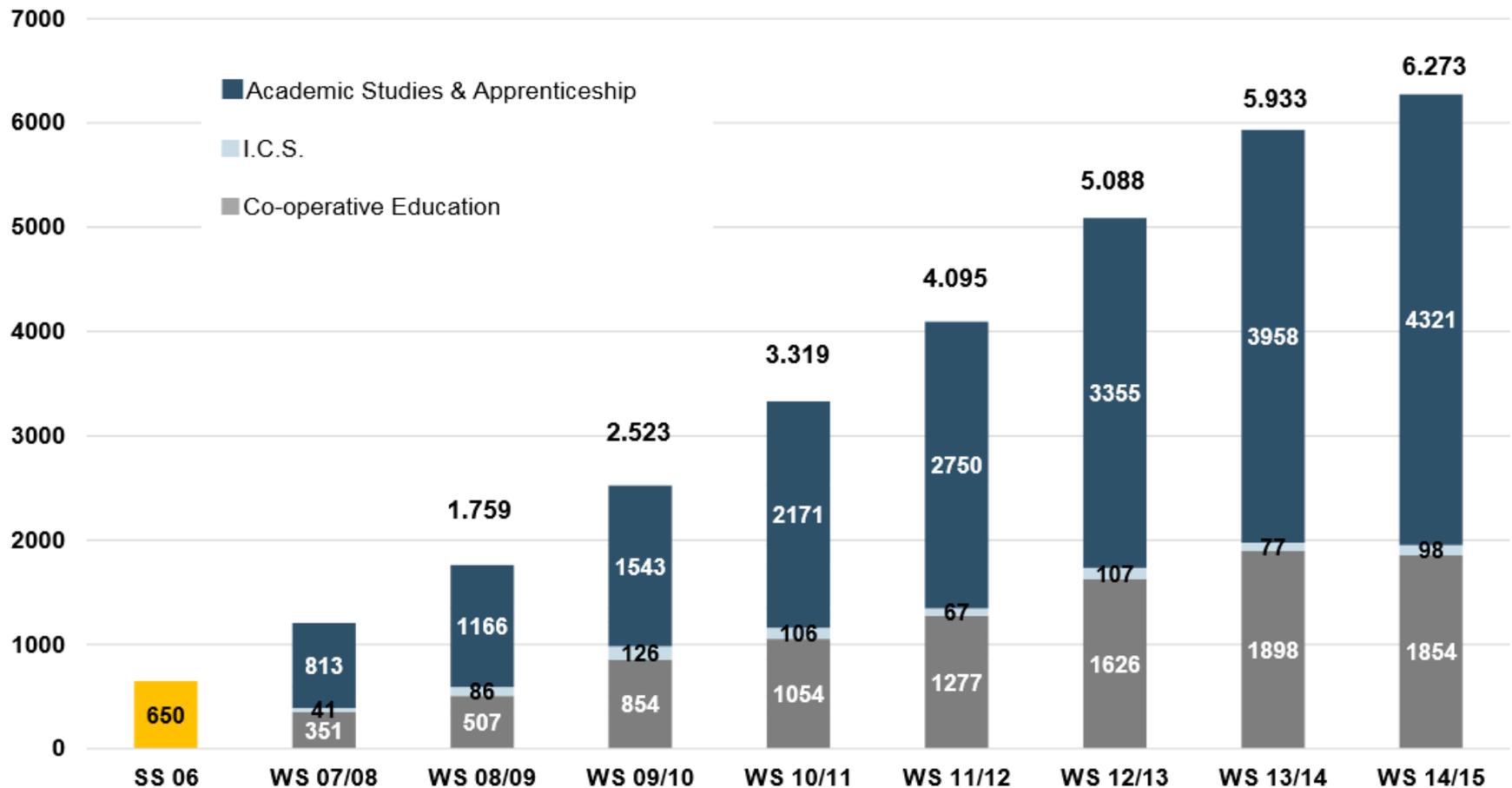
www.bmwgroup.com/speedup

BMW Group



Development of the Dual System Work and Study Programme in Bavaria: **Student Statistics**

hochschule dual keeps growing!



The Dual System Work and Study Programme at DIT

- DIT has a total of **435** dual students in WS 15/16, **120** of these are in their 1st semester
 - Faculty of Civil and Construction Engineering: **28**
 - Faculty of Business Administration and Business Informatics: **72**
 - Faculty of Electrical Engineering and Media Technology: **105**
 - Faculty of Mechanical Engineering and Mechatronics: **170**
 - Faculty of Applied Natural Sciences and Industrial Engineering: **60**

- Dual students will receive the following support and advice on campus at the Hochschule Dual coordination centre:
 - Dual emails are sent to both the companies and students involved
 - Dual students have their own Facebook group, named „Dualis an der THD“
 - Since the SS of 2013, consultation or office hours are offered specifically to dual students
 - Detailed information about the dual study system can be found on the web: <http://www.dit.edu/dual>

Advantages of the hochschule dual

Companies

- ✓ Receive the support of highly qualified, academic staff, whose **practical know-how is tailored to your company**.
- ✓ **Save** a potential lengthy and **costly initial training period** when your new graduate employee takes up a full time staff position in the company.
- ✓ Dual system students apply their **newly acquired academic knowledge** effectively to the practical workplace as they study.
- ✓ Students who successfully complete an intensive dual system degree programme, are **productive, disciplined and ambitious** – these are typical characteristics from which a business profits.
- ✓ Students develop from the start a **close contact** towards the company they are trained in.
- ✓ **Companies** develop a **close contact to universities**, promoting the transfer of technology and knowledge.
- ✓ Corporate image will benefit and companies become continuously **more attractive**.

Advantages of the hochschule dual

Students

- ✓ Gain a wealth of **practical and occupational knowledge** in a company of their choice
- ✓ Enjoy a continuous **wage** even as they study
- ✓ Experience **integration** into business structures, systems of working & project processes
- ✓ Train important **key qualifications** in the workplace
- ✓ Experience a **fluid transition** from student to work life
- ✓ **Excellent job and career opportunities** – statistics for businesses employing dual students lies at almost 100%
- ✓ In the dual system with combination studies: your total training **time is much shorter** than the traditional process of firstly completing an apprenticeship before studying for a degree.

International Possibilities



Studying in English

BACHELOR DEGREES: 7 semesters, dual courses possible

- 
International Management, B.A.
 - 100% English – optional double degree - location: Deggendorf
- 
International Tourism Management, majoring in Health and Medical Tourism, B.A.
 - 100% English - location: European Campus Rottal-Inn
- 
Bachelor exchange semester in General Engineering
 - 100% in English – location: Deggendorf – max.2 semesters

MASTER DEGREES: 3 semesters, consecutive

- 
Strategic and International Management, M.A.
 - Summer semester in English, winter semester in German - location: Deggendorf
- 
International Tourism Management, M.A.*
 - 100% English - location: European Campus Rottal-Inn
- 
Medical Informatics, M.Sc.
 - 100% English – location: European Campus Rottal-Inn
- 
Electrical Engineering and Information Technology, M.Sc.
 - 100% English (major in automation/power engineering) – location: Deggendorf

*Pending
Ministry
approval

Studying in English - Whilst Learning German

DIT is a modern and diverse university that offers foreign students with no knowledge of the German language the chance to:



STUDY IN ENGLISH



WHILST LEARNING GERMAN

German language programme for beginners:

Intensive courses –
Offered during semester breaks

Tandem courses –
Teach your partner your native language and learn your German partner's native language



Internationality at the Deggendorf Institute of Technology

English Courses for Dualis

Dual system students can put the following courses in as AWP subjects and can therefore gain ECTS credits for them

- Topics: Technical English and Business English
- All courses are tailored to meet the needs of businesses and companies

Intercultural training for Dualis

- A one day course per semester for each region or land:
 - Eastern Europe
 - South America
 - Asia
 - USA
 - The Arabic world, middle & near Eastern countries

Career Advice and Coaching

The Career Service of the DIT provides Career Advice and Coaching

- CV and cover letter check in both German and English
- Advise in preparing for a job interview



EUROPEAN CAMPUS ROTTAL INN

The European Campus, Rottal-Inn



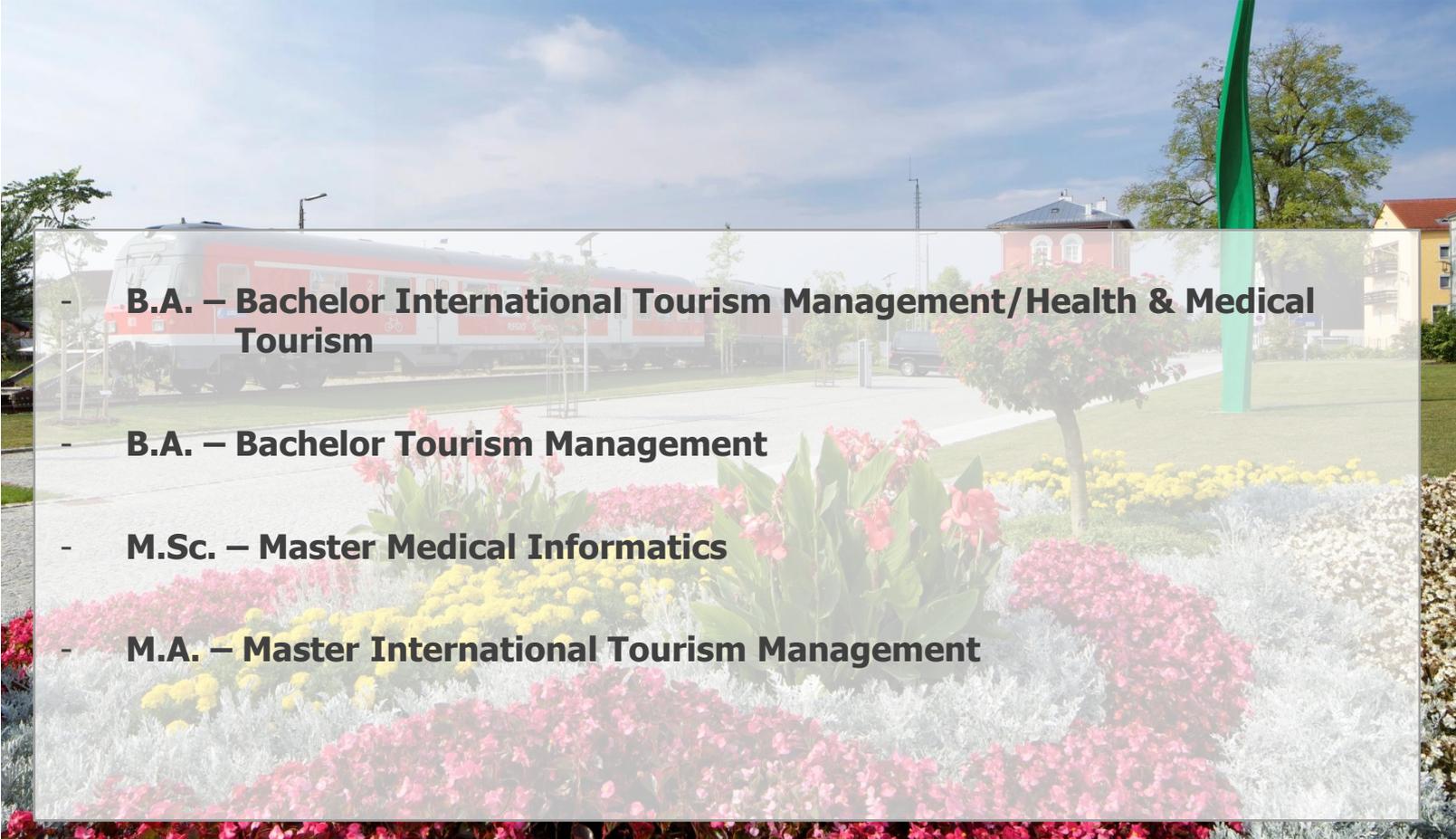
ec.th-deg.de

 **EUROPEAN CAMPUS**
R O T T A L - I N N

The European Campus, Rottal-Inn is our new campus in Southeastern Bavaria. It cooperates with international partner universities to offer undergraduate and postgraduate degrees partially or completely taught in English.

- Main course language is English
- Modular and flexible course structure
- Double degree option
- Degrees focused on the health and tourism sector
- Foreign exchange semester option

Courses

- 
- **B.A. – Bachelor International Tourism Management/Health & Medical Tourism**
 - **B.A. – Bachelor Tourism Management**
 - **M.Sc. – Master Medical Informatics**
 - **M.A. – Master International Tourism Management**

B.A. – Bachelor International Tourism Management



This course will teach students a broad and methodological expertise through practical teaching on the basis of economic fundamentals. The specifics of business and tourism, key skills, implementation competence and the ability to innovation will be developed.

- Course language: English
- Degree: Bachelor of Science
- Admission requirements: General university entrance qualification
- Fees: No tuition fees, only €52 student service fee per semester
- Further qualifications: Master in International Tourism Management

B.A. – Bachelor International Tourism Management



Possible dual course:

- **Combined Studies**

possible apprenticeships:

- hotel manageress
- tourism manager
- management assistant in event organisation

- **Cooperative Study**

→ incomings follow a dual study program like their German fellow students

How to find the perfect company

- ✓ Company Database → www.th-deg.de/dual
- ✓ IHK and HWK – Online Job Fair
- ✓ Company Websites
- ✓ Job offers in newspapers
- ✓ General Job Fairs
- ✓ Career Service of the DIT supports students in
 - finding a company
 - writing an application
- ✓ etc.

→ Very important: self-initiative

Contact

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Links

<http://www.th-deg.de/dual>

www.hochschule-dual.de

**We are principally open for all kinds of cooperations –
let's discuss this in the workshop**



Thank you for your attention!