Dual Studies in Bavaria
An Initiative of the Bavarian Universities of Applied Sciences

hochschule dual: about 240 dual study offers and over 1,600 participating companies
Dual studies in Bavaria

Academic Studies + Intensive in-company practice or vocational education = Dual Studies
Organisational structure.

Headquarter

Umbrella brand for dual system options

support

20 Universities of Applied Sciences in Bavaria
hochschule dual – parties involved.

Bavarian State Ministry of Science and the Arts

Arbeitsgemeinschaft der bayerischen Handwerkskammern

vbw

IHK Industrie- und Handelskammern in Bayern

VDMA Bayern
20 Universities of Applied Sciences.

- Ostbayerische Technische Hochschule Amberg-Weiden
- Ansbach University of Applied Sciences
- Technical University of Applied Sciences Aschaffenburg
- Augsburg University of Applied Sciences
- Coburg University of Applied Sciences
- Deggendorf Institute of Technology
- Hof University of Applied Sciences
- Technische Hochschule Ingolstadt
- Kempten University of Applied Sciences
- Landshut University of Applied Sciences
- University of Applied Sciences Munich
- Katholische Stiftungshochschule München UAS
- Neu-Ulm University of Applied Sciences
- Nuremberg Institute of Technology
- University of the Evangelical Lutheran Church in Bavaria
- Technical University of Applied Sciences Regensburg
- Technical University of Applied Sciences Rosenheim
- Ulm University of Applied Sciences (Cooperation)
- Weihenstephan-Triesdorf University of Applied Sciences
- University of Applied Sciences Würzburg-Schweinfurt
## Dual System Options in Bavaria

<table>
<thead>
<tr>
<th>Cooperating universities</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual system study options</td>
<td>More than 240</td>
</tr>
<tr>
<td>Number of dual students (Fall 18/19)</td>
<td>7,682</td>
</tr>
<tr>
<td>Number of company partners</td>
<td>More than 1,600</td>
</tr>
</tbody>
</table>

### Study disciplines:
- Engineering sciences
- Economic sciences
- Mathematics, informatics and natural sciences
- Agriculture and forestry
- Social and health sciences
Continuous Growth for 12 years.

Number of dual students (total and each scheme)

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
<th>Work integrated cooperative studies</th>
<th>Studies and apprenticeship</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS 06</td>
<td>650</td>
<td>650</td>
<td>0</td>
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<tr>
<td>WS 07/08</td>
<td>1,205</td>
<td>813</td>
<td>392</td>
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<tr>
<td>WS 08/09</td>
<td>1,759</td>
<td>1,166</td>
<td>593</td>
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<tr>
<td>WS 09/10</td>
<td>2,523</td>
<td>1,543</td>
<td>980</td>
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<tr>
<td>WS 10/11</td>
<td>3,331</td>
<td>2,171</td>
<td>1,160</td>
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<tr>
<td>WS 11/12</td>
<td>4,094</td>
<td>2,750</td>
<td>1,344</td>
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<tr>
<td>WS 12/13</td>
<td>5,088</td>
<td>3,355</td>
<td>1,733</td>
</tr>
<tr>
<td>WS 13/14</td>
<td>5,933</td>
<td>3,958</td>
<td>1,975</td>
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<tr>
<td>WS 14/15</td>
<td>6,273</td>
<td>4,321</td>
<td>1,952</td>
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<tr>
<td>WS 15/16</td>
<td>6,976</td>
<td>4,891</td>
<td>2,085</td>
</tr>
<tr>
<td>WS 16/17</td>
<td>6,991</td>
<td>4,953</td>
<td>2,038</td>
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<tr>
<td>WS 17/18</td>
<td>7,256</td>
<td>5,002</td>
<td>2,254</td>
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<tr>
<td>WS 18/19</td>
<td>7,682</td>
<td>5,180</td>
<td>2,502</td>
</tr>
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</table>

Quelle: hochschule dual

Work integrated cooperative studies | Studies and apprenticeship
Two Study Models

Academic studies & apprenticeship

Duration: 4.5 years

Bachelor’s degree + vocational qualification

Academic studies & intensive practice

Duration: 3.5 years (Master’s 1.5 years)

Bachelor’s degree + min. 50% more practical experience

Duration: 4.5 years

Bachelor’s degree + vocational qualification

Academic studies & apprenticeship

Academic studies

Intensive in-company training
IN-COMPANY TRAINING
16 months plus Bachelor’s thesis – at least 50% more work experience than during regular studies
Start of in-company training still possible after 1st, 2nd, 3rd semester

ACADEMIC STUDIES
Start: 1 October
BACHELOR - ACADEMIC STUDIES & APPRENTICESHIP – (4.5 years)

APPRENTICESHIP
23.5 months, Start: 1 September

ACADEMIC STUDIES
Start: 1 October of the succeeding year

INTENSIVE IN-COMPANY TRAINING
4 months plus Bachelor’s thesis

Vocational Certificate

Bachelor’s Degree

www.hochschule-dual.de
MASTER - INTENSIVE IN-COMPANY TRAINING
full time model (1.5–2 years)

IN-COMPANY TRAINING
8.5 months incl. Master`s thesis

ACADEMIC STUDIES
Start: 1 October, some programmes also starting 15 March

Master`s Degree
Dual Study Option with Apprenticeship

Exemplary flow chart
Dual Study Option with Intensive In-Company Training

IN-COMPANY TRAINING - 16 Months plus Bachelor's thesis
at least 50% more work experience than during regular studies—start still possible up to the end of 3. semester

Pre-practice 15 Months
1st semester 4.5 Months 1st year
2nd semester 1 Month
3rd semester 4.5 Months
4th semester 2 Months
5th practical semester
6th semester 4.5 Months
7th semester 2 Months
1 Month

ACADEMIC STUDIES
Start: 1 October

BACHELOR - ACADEMIC STUDIES & INTENSIVE IN-COMPANY TRAINING — 3.5 Years

Exemplary flow chart
Dual Study Option: Master with Intensive In-Company Training

Exemplary flow chart

Master - Intensive In-Company Training – full time model (1.5–2 years)
Rewarding Relationships.

- academic input
- academic degree

Students

- monthly salary
- practical input

Companies

- professional exchange
- skilled and highly committed employees

Universities
of Applied Sciences

motivated students with practical experience

cooperation

enrollment

contract

professional exchange
Advantages for students.

- Knowledge transfer between academic studies and practical phases
- Excellent career opportunities in the company
- Students know about the „real company life“
- Financial security through monthly salary
- Training of important key qualifications
- Benefit from early job entry
Advantages for companies.

- Attract young, motivated professionals and executives (especially medium sized companies)
- Attract qualified engineers/business economists speaking the language of the skilled employees
- Attract practice-trained academics with strong company commitment
- Save time and cost-intensive recruitment and induction
- Benefit from strong commitment and good contacts to the university
- Graduates of dual study programmes have up to 3 times more practical experience than those of conventional studies
Some of the participating companies

SIEMENS  ROHDE & SCHWARZ  Allianz

HENRICHSN  biHLER  LIEBHERR

KUKA  KRONES  BMW Deutschland  SMA  Infineon

MAN  DACHSER  ASTRIUM  EUROCOPTEr

SCHAEFFLER  LUK  INA  FAG  MULTIVAC  IBM
Advantages of hochschule dual.
Voices of participating companies

„Graduates of dual study courses can immediately assume positions of responsibility in the company. This offers an obvious advantage.

The quality standards of hochschule dual are a valuable guarantee for a high class education of the students.”

Stefan Martin, Director vocational training, Airbus Defence and Space
Advantages of hochschule dual.

Voices of participating companies

„Since we have been partner of hochschule dual, we have made valuable new contacts: with other companies and universities regarding research projects, with the print and word medias etc.

On the craft’s sector practical experience is of the utmost importance. The dual graduates contribute this experience and are familiar with the processes on a construction site.“

Franz Wörndl, master carpenter and company owner Holzbau Wörndl
Study & Work International – From Bavaria into the World.

Strengthening the business location Bavaria
- Through the internationalisation of future employees
- Long term sustainable development of skilled employees

Funded from 2015-2019 by

Bavarian State Ministry of Science and the Arts
Study & Work International

Job board for Bavarian students to go abroad

Matching Service

Work placements for international students in Bavaria

International cooperative study formats with global companies
What kind of work placements?

- Compulsory internships during bachelor’s studies
  - 5th semester = internship - duration 6 months
  - Application of knowledge learnt during first two study years
  - Students are supposed to train approaching tasks in a structured way
  - One or (max.) two small projects to complete rather than just floating and job shadowing in several departments

- Work experience – voluntary internship 6-12 months

- Bachelor’s / Master’s Thesis: Student stays at your company

- For international placements students start planning a year ahead & applying ½ year ahead
Benefits for your Company.

Your student intern:

- Allows for flexibility in staffing needs without long-term commitment.
- Assists in special projects in addition to your everyday tasks.
- Enhances the diversity and intercultural skills of your team.
- Brings with them inside business knowledge regarding Germany.
- Speaks fluent English, German and possibly a 3rd language.
- Is enthusiastic, results-driven and full of fresh insights.

We support you with the cost-effective recruitment of highly motivated students!
Our Services for Companies

- Your work placement description appears on our website and automatically on the job boards of 15 UAS
- The S&WI website is marketed to students of all public and ecclesiastic universities in Bavaria (Careers Services, International Offices, Facebook, information leaflets)
- We contact the placement officers of all universities for you
- Use our matching services to tailor your search
- You are welcome to participate in webinars for students
- You can upload jobs for graduates on our partners’ job board: [www.hochschuljobboerse.de](http://www.hochschuljobboerse.de) (appearing on job boards of 15 UAS)
Study & Work International supports businesses in their search for new talent worldwide. SIWI is a project of the 19 state-run and church-run universities of applied sciences in Bavaria, Germany. In addition, our services and job board are also marketed at students from Bavarian state-run universities. Using our service, you can reach approximately 360,000 students. We can also connect you directly to our colleagues at the faculties within our higher education network. You can find more information regarding Bavarian higher education [here](#).

**Bavarian students for a work placement abroad and more at your business**

- **Our basic package:** Advertise for free on our job board if you are searching for Bavarian placement students for your locations worldwide for a period of 3 to 12 months. Entrust them with specific projects or tasks relating to Germany. Businesses offering a position for a Master's or Bachelor's thesis – such as on the topic of developing a new marketing strategy – are also very popular.
- **Our premium package:** For targeted recruiting, our premium package allows you to select from and contact student profiles yourself using our matching platform. In addition, you can also reach students directly via our online careers fair.

**Up-and-coming international talent for both national and international German businesses**

- **Our basic package:** As a company based in Bavaria, you are searching for international placement students whom you can entrust with specific projects such as expanding the scope of your business relationships abroad.
- **Premium package for dual work placements:** As a company located abroad, you would like to support up-and-coming new talent made up of local students and pupils in their search for a work placement abroad.
How to become a company partner?

From Bavaria to the World

- **Basic package:** Advertise for free on our job board.
- **Premium package:** Use our Matching Services

From abroad to Bavaria

- **Basic Package:** Companies in Bavaria advertise internships for student from abroad for free.
- **Premium Package for dual work placements:** Companies from outside Germany send students from there to a UAS in Bavaria and to their German branch on work placement.
Many thanks for your attention.

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