The concept of dual study programs in Bavaria

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hochschule dual.

Headquarter

Umbrella brand for dual system options

20 State Universities of Applied Sciences in Bavaria

Supporting
## Two Dual Study Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Academic Studies</th>
<th>Vocational Training</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Academic studies &amp; apprenticeship</td>
<td>Bachelor’s degree + vocational qualification</td>
<td>4.5 years</td>
</tr>
<tr>
<td>2</td>
<td>Academic studies &amp; intensive practice</td>
<td>Bachelor’s degree + min. 50% more practical experience</td>
<td>3.5 years (Master’s 1.5 years)</td>
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</table>
Dual System Options in Bavaria

<table>
<thead>
<tr>
<th>Cooperating UAS</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual system study options</td>
<td>More than 220</td>
</tr>
<tr>
<td>Number of dual students (Fall 17/18)</td>
<td>7,265 (app. 6 % of all students)</td>
</tr>
<tr>
<td>Number of company partners</td>
<td>More than 1,500</td>
</tr>
</tbody>
</table>

Study disciplines:
- Engineering sciences
- Economic sciences
- Mathematics, informatics and natural sciences
- Agriculture and forestry
- Social and health sciences
Models – “vocational-training-integrated”

Exemplary flow chart

APPRENTICESHIP
23.5 Months, Start: e.g. 1 September

1st year
13 Months

Intermediate test VET

2nd year
4.5 Months

1st semester

3rd year
4.5 Months

2nd semester

4th year
4.5 Months

3rd semester

5th year
4.5 Months

4th semester

IN-COMPANY TRAINING
4 Months plus Bachelor’s thesis

5th year
1 Month

Final exam VET

Exemptory VET

BACHELOR - ACADEMIC STUDIES & APPRENTICESHIP – 4.5 Years

Start: 1 October of the following year

Bachelor’s thesis
Model – “practical-integrated”

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 1.5 Months
1st semester 4.5 Months
2nd semester 1 Month
3rd semester 4.5 Months
4th semester 2 Months
5th practical semester 4.5 Months
6th semester 1 Month
7th semester 4.5 Months

ACADEMIC STUDIES
Start: 1 October

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

Exemplary flow chart
Contractual conditions

I. Matriculation
   Student ←→ UAS

II. Educational-Contract
    Student ←→ Practical Partner

III. Cooperation-Contract
     UAS ←→ Practical Partner
Specifics of the “Bavarian model”

- (Higher) Education in responsibility of the states
  - No special curriculum: All dual students visit same lectures and solve the same exams. No difference in the final degree!
  - Quality standards of hochschule dual ( are mandatory for practical partners, furthermore no special requirements
“Popular” Study Programs in Engineering & IT

- Engineering (examples):
  - Mechanical Engineering
  - Electrical Engineering
  - Mechatronics
  - Industrial Engineering
  - Vehicle, Aviation and Aerospace Technology

- IT (examples):
  - Informatics
  - Business Informatics
  - Geoinformatics and Navigation
  - Gamedesign
Advantages for companies.

- Attract young, motivated professionals and executives (especially medium sized companies)
- Attract practice-trained academics with strong company commitment
- Save time in cost-intensive recruitment and induction
- Benefit from strong commitment and good contacts to the UAS
- Graduates of dual study programs have up to 3 times more practical experience than those of conventional studies
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
Questions???
Many thanks for your attention!

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