Study with Intensive Practise

The ICS Model

at the Faculty of Computer Science and Business Information Systems

Prof. Dr. Peter Braun / Dean / peter.braun@fhws.de / 26.11.2021
Introduction

Dual studies combine university studies with practical work experience

**Study with intensive practise times** is one example of dual studies

We as faculty offer the so-called **ICS Model** for semesters 5 to 7
Faculty of Computer Science and Business Information Systems

23(+5) Professors
1100+ Students
3 Bachelor’s Programmes
2 Master's Programmes
280 Bachelor’s students in the first year
(out of 1500 applications)

No tuition fees
Study Programs

Bachelor’s Level (7 semesters, 210 ECTS points)

- Business Information Systems
- Computer Science
- E-Commerce

Advanced Level (Majors)
Semester 6 and 7

Internship in Company
Semester 5

Basic Level
Semester 1 to 4
Study Programs

Master’s Level (3 semesters, 90 ECTS points)

Artificial Intelligence
(in English)

Digital Business

Master’s Thesis
Semester 3

Basic Level
Semester 1 and 2
ICS Model

Outline of this program

Nomination of the best students based on grades

Selected companies present themselves to the students

Students get a contract for three semesters (monthly salary)
ICS Model

Students’ selection process

280 students start in semester 1
240 students reach end of semester 3
35 students are nominated
10 students receive a contract
ICS Model

Time line for Bachelor programmes

- Studies at University
  - Semester 1 to 3
- Students' Nomination
  - Semester 4 (March)
- Company Presentations
  - Semester 4 (May)
- Job Interviews
  - Semester 4 (July)
- Internship
  - Semester 5
- Study and Work
  - Semester 6 and 7
- Bachelor's Degree
## Academic Calendar / Bachelor’s

<table>
<thead>
<tr>
<th>University</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 7</td>
<td>Study</td>
</tr>
<tr>
<td></td>
<td>3 months (Thesis)</td>
</tr>
<tr>
<td>Semester break</td>
<td></td>
</tr>
<tr>
<td>Semester 6</td>
<td>Study</td>
</tr>
<tr>
<td></td>
<td>2 months</td>
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<tr>
<td>Semester break</td>
<td></td>
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<tr>
<td>Semester 5</td>
<td>Internship</td>
</tr>
<tr>
<td></td>
<td>0.5 months</td>
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<tr>
<td>Semester break</td>
<td></td>
</tr>
<tr>
<td>Semester 4</td>
<td>Study / Nomination</td>
</tr>
<tr>
<td></td>
<td>Application period</td>
</tr>
<tr>
<td>Semester 1 to 3</td>
<td>Study</td>
</tr>
</tbody>
</table>

Students spent in semesters 5 to 7 (total 19 months)

12 months in the company (63%)
### Academic Calendar / Consecutive Master’s

<table>
<thead>
<tr>
<th>Semester 3</th>
<th>Study</th>
<th>5 months (Thesis)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester break</td>
<td></td>
<td>1.5 months</td>
</tr>
<tr>
<td>Semester 2</td>
<td>Study</td>
<td>12 hrs / week</td>
</tr>
<tr>
<td>Semester break</td>
<td></td>
<td>2 months</td>
</tr>
<tr>
<td>Semester 1</td>
<td>Study</td>
<td>12 hrs / week</td>
</tr>
<tr>
<td>Semester break</td>
<td></td>
<td>0.5 month</td>
</tr>
<tr>
<td>Semester 7 (Bachelor)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Students spent in semesters 1 to 3 (18 months)

13.5 months in the company (75%)
Advantages for Students

**Perspective and Predictability**
Ideal moment for the start of the ICS program and purposeful termination of the degree.

**Responsibility and Qualification**
Integration of students into participating companies and professional workshops for ICS students.

**Network and Support**
Students benefit from experience and support provided by the ICS network.

**Financial Security**
Attractive salaries help students to focus on their studies and time in the company.
Advantages for Companies

Exclusive Contact
Exclusive Meet & Greet events instead of crowded recruiting fairs.

Quick Start
Only few months between selection round and entry to students into the company.

Responsibility and Qualification
Your ICS students grow into their tasks at an early stage.

High Planning Reliability
Entry to the company in the last semesters and smooth transition to permanent position.
Advantages for the Faculty

**Support of the best students**
Such an offer increases the attractiveness of our faculty.

**Tight collaboration with local companies**
Cooperation with companies involved in the ICS programme is closer than with other companies.

**Third-party funding**
We receive annual donations from ICS for the placement of students.
About ICS e.V.

Established in 1999 as non-profit association

Management: Universities and companies represented equally

Part of Hochschule Dual

Thomas Schauer
Director
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