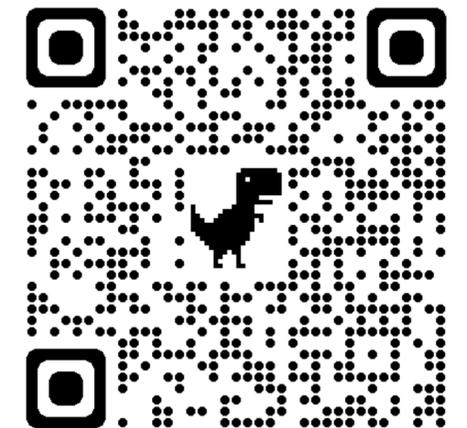


# Study with Intensive Practise

## 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



<https://fiw.fhws.de>

# 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**

**FH·W-S**

280

# Bachelor's students in the first year

(out of 1500 applications)

- Schreiben Sie abschließend einen Konstruktor, der es erlaubt, alle Attribute bei der Erzeugung des Objekts zu setzen!
- Erstellen Sie eine weitere Klasse `MäIn`, die drei Studenten anlegt.

**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

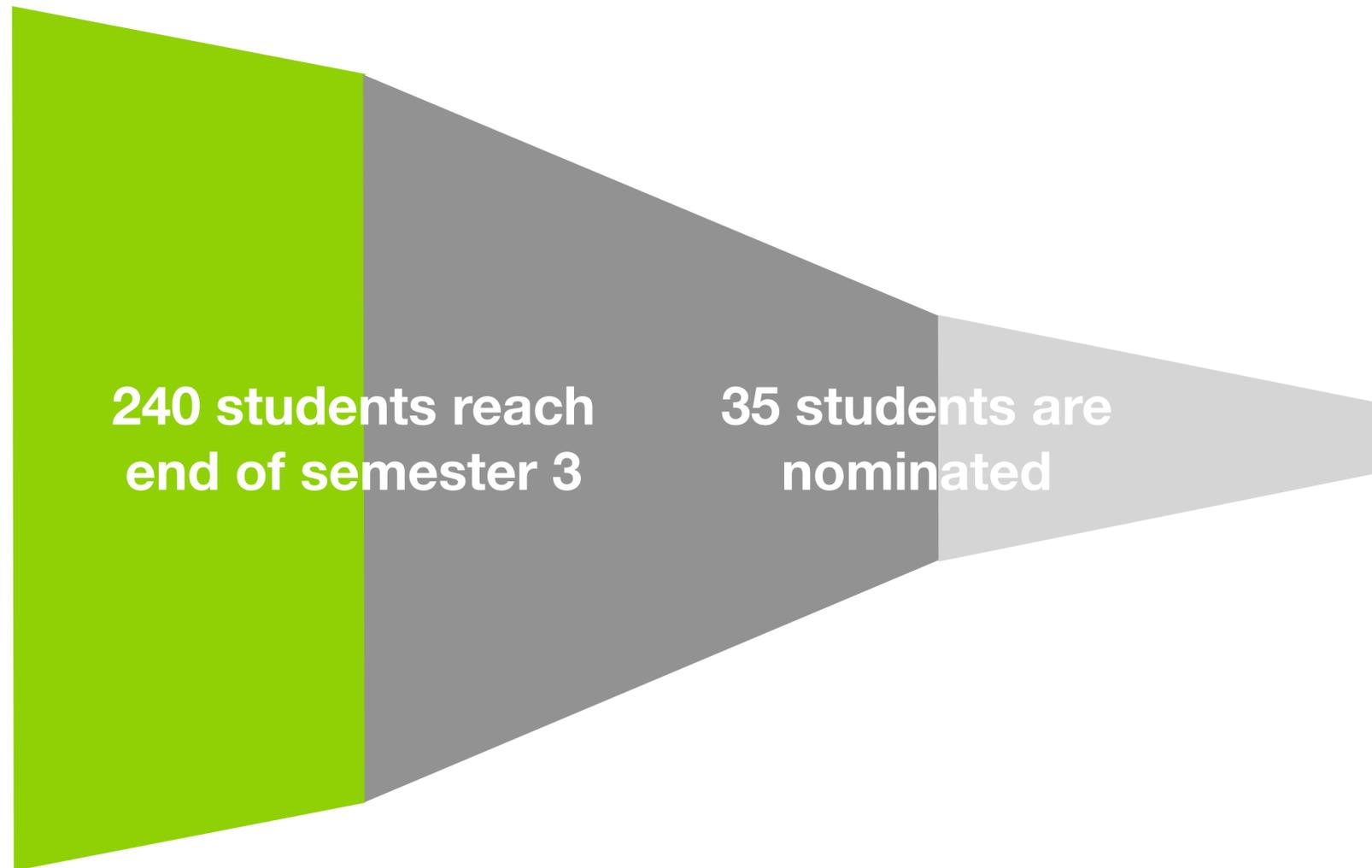
## Students' selection process

280 students start  
in semester 1

240 students reach  
end of semester 3

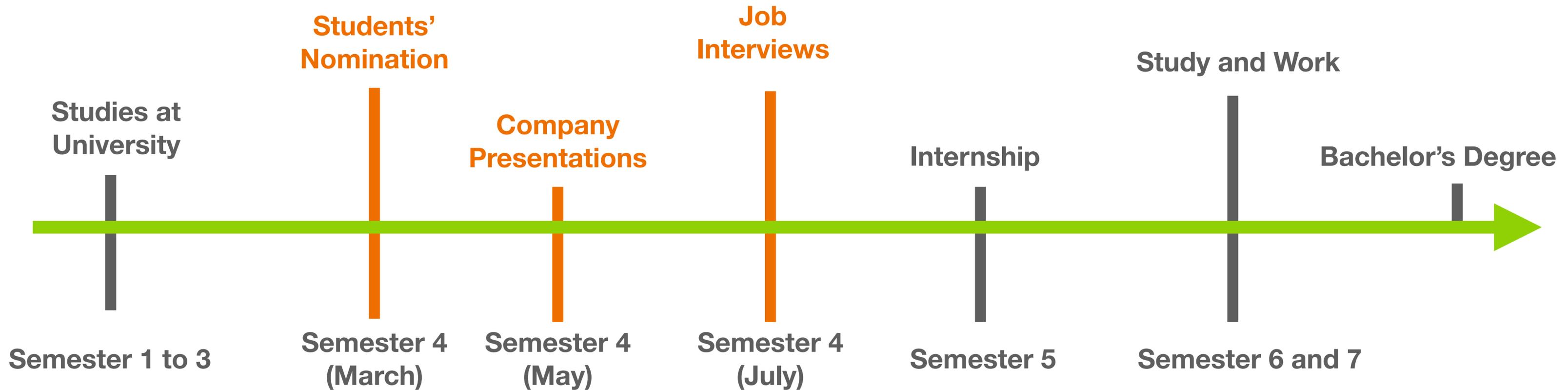
35 students are  
nominated

10 students receive  
a contract



# ICS Model

## Time line for Bachelor programmes



# Academic Calendar / Bachelor's

	University	Company
Semester 7	Study	3 months (Thesis)
Semester break		2 months
Semester 6	Study	
Semester break		0.5 months
Semester 5	Internship	4.5 months
Semester break		2 months
Semester 4	Study / Nomination	Application period
Semester 1 to 3	Study	

Students spent in semesters 5 to 7 (total 19 months)  
**12 months in the company (63%)**

# Academic Calendar / Consecutive Master's

	University	Company
Semester 3	Study	5 months (Thesis)
Semester break		1.5 months
Semester 2	Study	12 hrs / week
Semester break		2 months
Semester 1	Study	12 hrs / week
Semester break		0.5 month
Semester 7 (Bachelor)		

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**

thomas.schauer@ics-ev.de



<https://ics-ev.de>

# Study with Intensive Practise

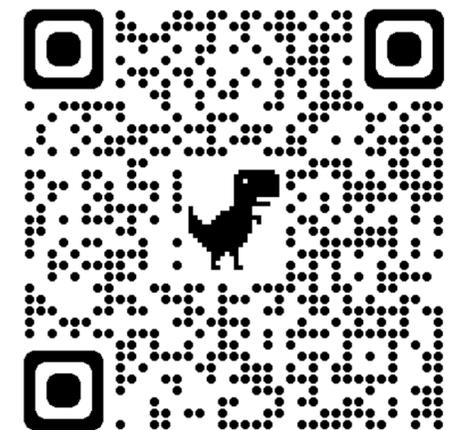
## The ICS Model

at the Faculty of Computer Science and Business Information Systems



Contact details Peter Braun

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



<https://fiw.fhws.de>