



## Studying and Teaching at FH Wedel, University of Applied Sciences

What are the particular features ?

Prof. Dr. Sebastian Iwanowski

Department of Computer Science, Algorithmics, Artificial Intelligence, Mathematics

# FH Wedel is a privately owned university



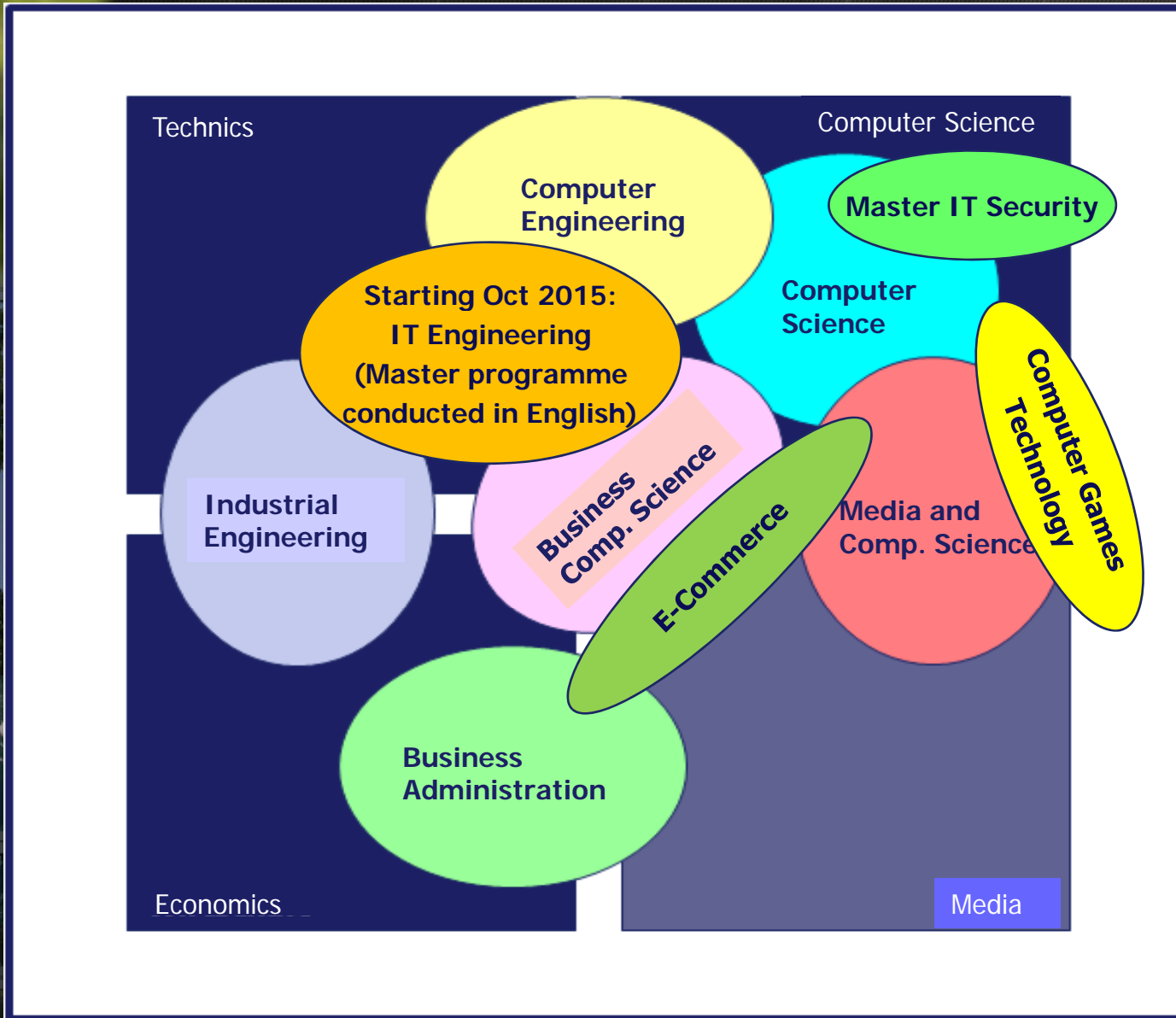
- 2 Institutions:
- ① FH Wedel: University of Applied Sciences (~ 1000 students)
  - ② PTL Wedel: Vocational School (~ 100 students)

Legal form: Non-profit organisation, subsidised by state.

Owners:  
Prof. Dr. D. Harms  
Prof. Dr. E. Harms







# Challenges



➤ Adjacent state universities are free of charge.

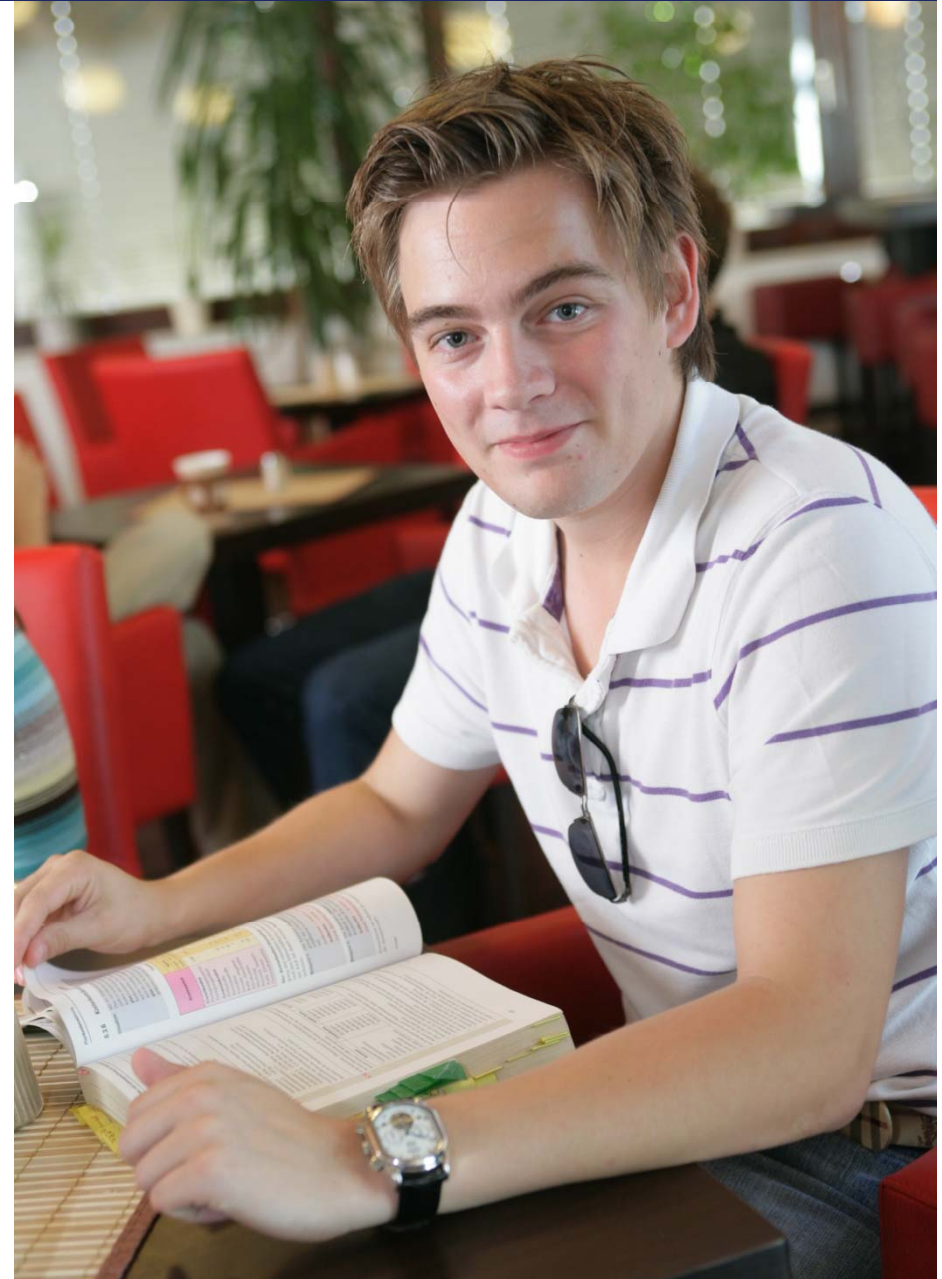
➤ Technical skills are urgently needed by adjacent companies, but little requested by secondary school graduates.



# Our mission



- We help our students to get the best jobs available.
- We do not just issue titles, we provide premium skills.
- We want to be an elite university which means that our students are the best at the end of their study, not at the beginning
- We do not select by previous grades or knowledge: Everybody gets a chance.

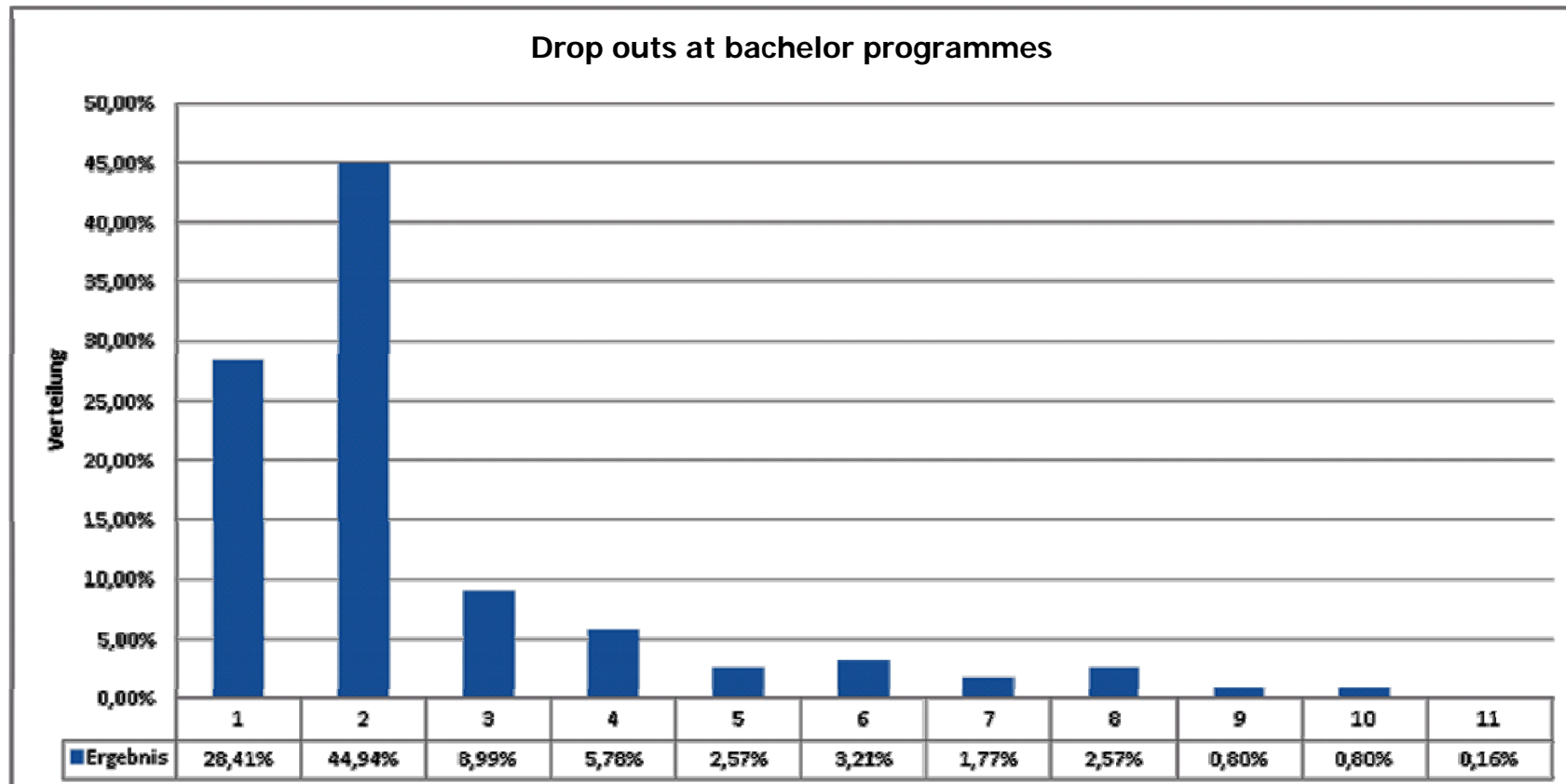


# Drop out quota



Win-Win-Situation:

1. Drop out students: do not waste much time
2. Successful students: better support by staff
3. FH Wedel: efficient use of personal resources (only 21 full professors)



# What is unusual compared to other German universities



- Combining the best of two systems:
  - Self-responsible work like in scientific universities, but teaching priority for professors like in applied sciences universities
  - Theoretical foundations like in scientific universities, preparing for a long-lasting life in business like in applied sciences universities
  
- Open door politics:
  - The student is our customer.
  - Being a Wedel student means belonging to the FH Wedel family.
  
- Tight links to business life:
  - Development association, encouraging spin-offs
  - Scholarships by companies
  - Drag effect: Wedel graduates employ other Wedel graduates.

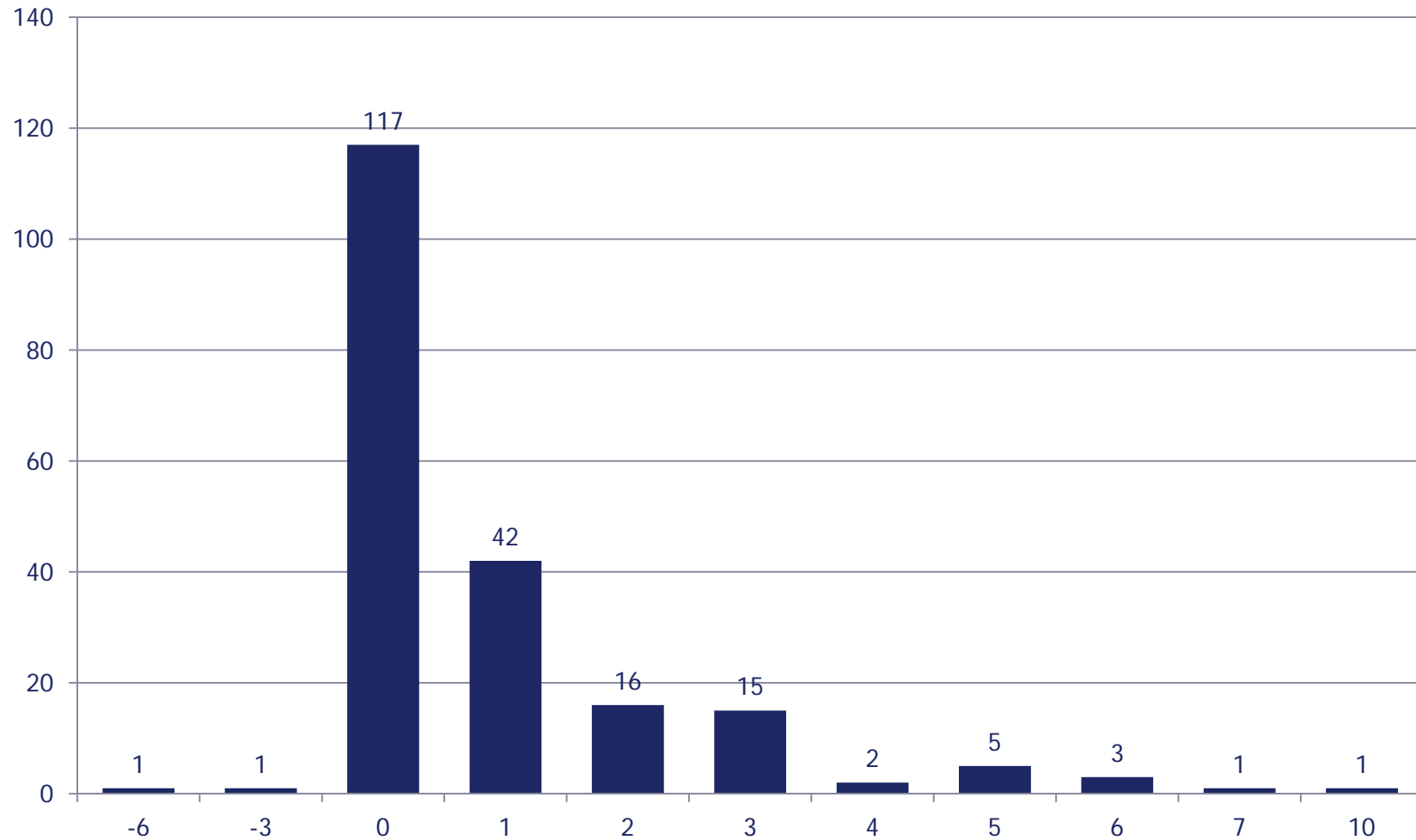




# An example for job searching



Months needed for searching for a job after graduation



# Special features of FH Wedel



- Providing well-founded skills in mathematics and abstract thinking for all programmes
- Providing very practical-oriented skills in software development in all computer-science programmes
- Nearly all graduation theses done in a company (exceptions mostly on master level only)



# Perspectives for partner-universities: Studying



- International students are very welcome: We want all of you and find an individual way for you to have a successful stay with us
- English language:  
For one semester we can provide you with 30 ECTS credits in business as well as in computer science  
course list: <http://intoffice.fh-wedel.de/academics/incomingstudents>
- Full study:  
For bachelor feasible in German only, for master difficult in English, but theoretically not impossible, new English programme IT-Engineering



- International teachers are very welcome
- English language:  
For one week they can teach what they want.  
For one semester, some courses are feasible (primarily the ones eligible for exchange students and the ones of our English study programme IT-Engineering)





## Prof. Dr. Sebastian Iwanowski of FH Wedel, University of Appl. Sciences

- studied mathematics with minors biology and computer science at Free University of Berlin
- worked as a computer scientist in several application domains at Daimler for 11 years
- then secondary school teacher for mathematics and computer science
- since 2004 professor for mathematics and computer science at FH Wedel.

Since 2004, he supervised and conducted appr. 80 graduation projects with several companies in logistics, public administration, media, technics, linguistics, software tool development and combinations thereof.

Since 2010, he was involved in several Erasmus exchange activities.

For 2015, he initiated the first study programme at FH Wedel completely conducted in English: Master IT-Engineering

Detailed information at: [www.fh-wedel.de/~iw/eng](http://www.fh-wedel.de/~iw/eng)