



**Student-centered learning:  
a means to promote  
creativity and graduate  
employability**

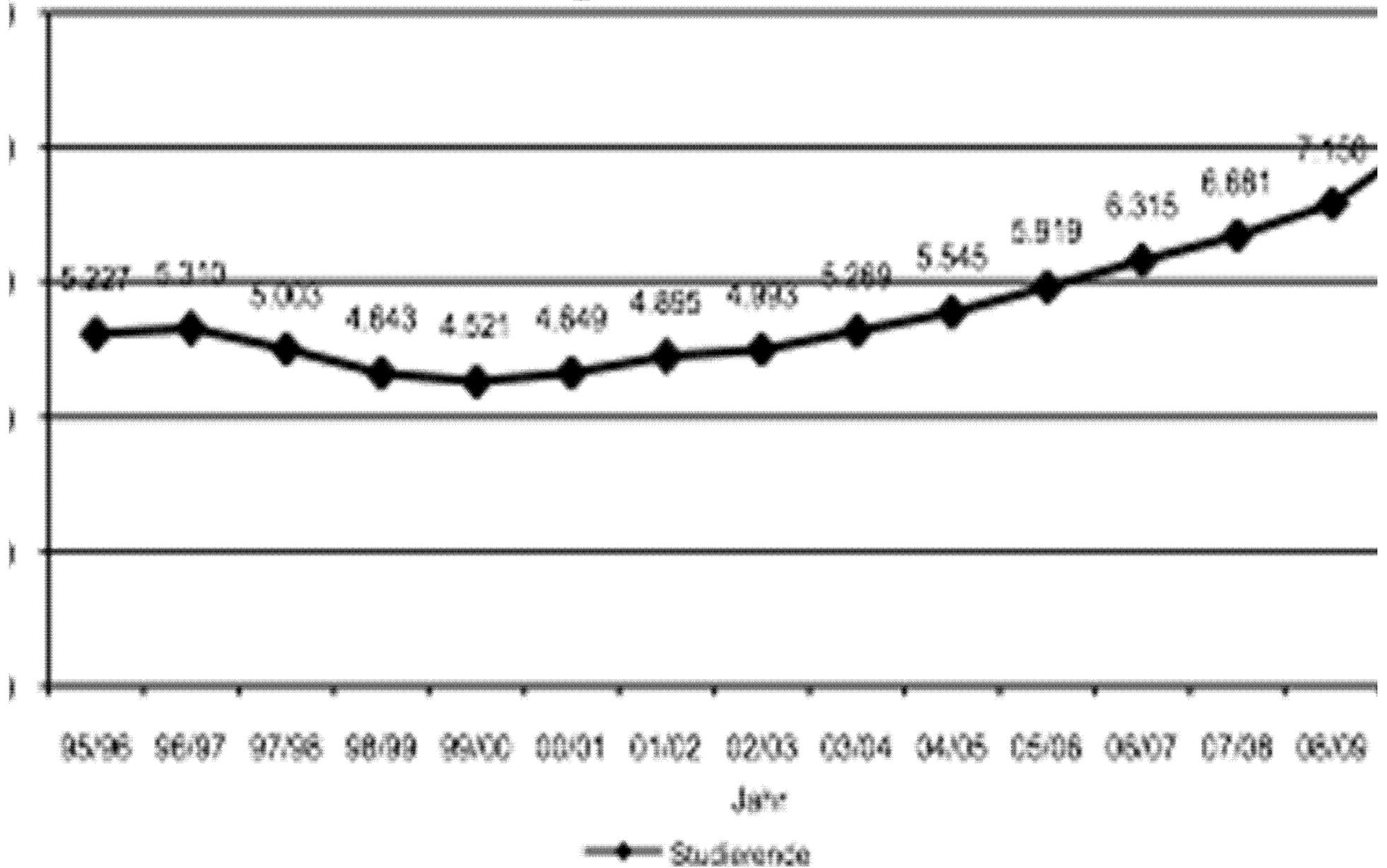
**Martin Blum**







Studienanfänger\* und Studierende 1995/96 bis 2009/10  
im Vergleich zu Absolvierenden



# The Present Situation in Hohenheim

- 80% increase in number of students from 2000-2010
- Further increase due in 2012

# The Present Situation in Hohenheim

- crowded lecture halls
- large tutorials  
( $>100$  students/group)







# The Present Situation in Hohenheim

Diverse backgrounds (education,  
culture)

students from more than 1 study  
program in same lectures during first  
semesters

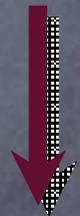
# Bologna Reform



Exams



("Learning Bulimia")



Freedom



Regimentation



**Result:**

**Demotivation**

**High dropout rate**

**Massive Student Protests in 2009**

# Consequences:

University: Bologna Committee

Politics: Money to develop novel  
models (competition)

day course

Deceleration  
"Entschleunigung"

Project

Lesson

Hohenheimer Lernräume  
Windows of  
Opportunities  
7 instead of 6  
8 instead of 6

ICSINE



new

practicing

internships

modules no

verpflichtung

**Study abroad**

**structured offers**

**ELLS**

**Hebrew (Rehovot)**

# Projects

hands-on science

excellent experiences with previous

voluntary programs

**closing of gaps**

**Maths**

**Physics**

**Chemistry**

**internships**

**Database of possible employers**

modules not determined by  
chosen program

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other programs in Hohenheim  
other programs in the area  
key qualifications / soft skills  
languages

**freedom**

**time-out**  
**orientation**

## Beyond Lectures

Introductory classes:  
excellent textbooks available

Project:

Replacement of large lectures  
through using e-learning tools

# Beyond Lectures

introductory classes to teach methods  
of scientific research  
database searches  
library searches

# Beyond Lectures

Introductory lectures in big hall  
fascination for subject, references  
(state-of-the-art research)

# Beyond Lectures

Organization of students  
in small groups

specific tasks (Wiki-style)

tutors get involved, collect questions

lecturers get involved,

answer questions

students write their own text book

Pilot project:

Structure Organismic biology and ecology  
(Agricultural Biology, Biology, Nutrition  
Sciences, Food Technology)

What is an organisms and how does  
work?

**Deceleration**  
**Entschleunigung**



# Das F.I.T.-Programm: Die neue Weiterbildungsplattform

ab Juli 2010 online anmelden



Für alle die mehr wollen:

**Fähigkeiten entdecken**

**Interessen wecken**

**Talente bewusst machen**

Durch die Weiterbildungsplattform des F.I.T. Programms können Sie sich zentral über die Veranstaltungs-, Seminar- und Beratungsangebote informieren und direkt online anmelden.

# F.I.T.

Program-specific  
competences and  
profiles

Certificates  
possibly ECTS

# study coaches

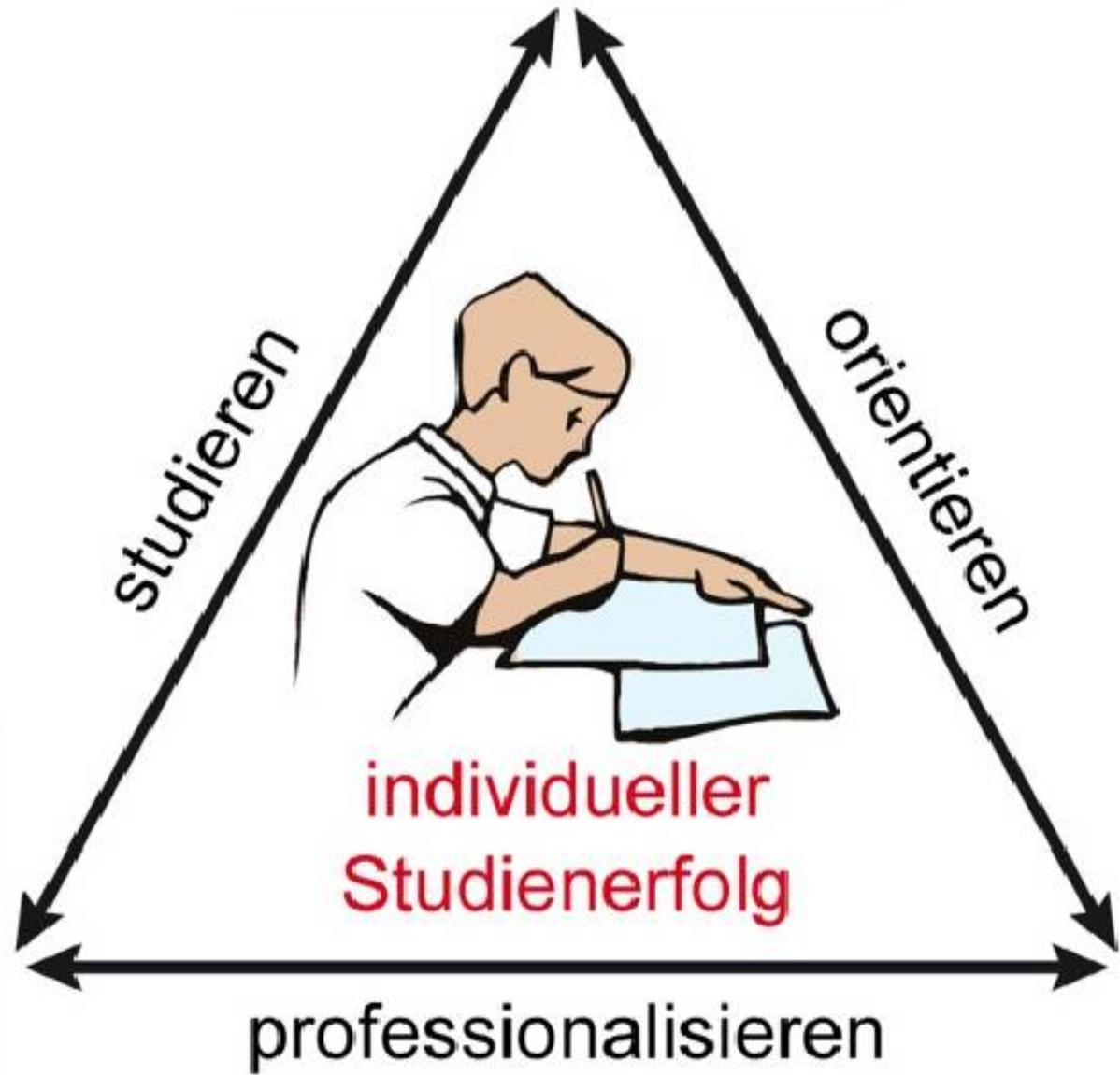
advanced students act as guides

get training (ECTS)

selection from tutors (which receive

specific training themselves)

alternative  
Lernkonzepte,  
Lernräume



ach- und  
methoden-  
kompetenz

Praktikum  
In- und Ausla  
F.I.T.-Progra  
Kompetenzpr

thank you for your attention



