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

Martin Blum
University of Hohenheim
The Present Situation in Hohenheim

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

Jahr

95/96 96/97 97/98 98/99 99/00 00/01 01/02 02/03 03/04 04/05 05/06 06/07 07/08 08/09

Studierende
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)
Hohenheimer Lernräume
Windows of Opportunities
7 instead of 6
8 instead of 6
Study abroad
structured offers
ELLS
Hebrew (Rehovot)
hands-on science
excellent experiences with previous voluntary programs
closing of gaps

Maths
Physics
Chemistry
internships

Database of possible employers
Other programs in Hohenheim
Other programs in the area
Key qualifications / Soft skills
Languages
Introductory classes: excellent textbooks available

Project: Replacement of large lectures through using eLearing tools
Beyond Lectures

Introductory classes to teach methods of scientific research, database searches, library searches.
Introductory lectures in big hall
风采 for subject, references to
state-of-the-art research)
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:
Lecture Organismic biology and ecology
(Agricultural Biology, Biology, Nutritional Sciences, Food Technology)

What is an organism and how does it work?
Deceleration
Entschleunigung
Program-specific competences and profiles

Certificates possibly ECTS
advanced students act as guides
get training (ECTS)
selection from tutors (which receive specific training themselves)
alternative Lernkonzepte, Lernräume

orientieren

studieren

individualer Studienerfolg

professionalisieren

Fach- und Methodenkompetenz

Praktikum In- und Auslands F.I.T.-Programm Kompetenzpfad
thank you for your attention