



# Reflections on what distinguishes excellent professionally-oriented institutions and examples of professionally-oriented activities

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# Reflections on the quality improvement approach of Münster University of Applied Sciences



- Established in 1971
- Amalgamation of tertiary higher educational institutions
- Initially focused on teaching
- Research has been strongly developing → applied sciences
- Practical / applied oriented education
- Offer Bachelor and Master degree



\* ASC = Academic Score Card



- Requirements to be appointed Professor at Münster UAS
  - PhD in specific field
  - Minimum of 5 years experience outside of universities or similar institutions
  - Active within the scientific community
  - Commitment to further education in didactics
  
- Expectations by Münster UAS
  - Conduct research
  - Maintain relations to external partners
  - Contribute to / participate in committees of self-government
  - Participate in evaluation processes



## › Study formats

- › Full time programs (conventional study programs BA & MA)
  - › Internship, project work, theses in partner institutions
- › Part time programs
  - › Extra-occupational with required presence at the university
  - › Extra-occupational combined with blended learning
- › Dual programs (vocational education plus academic studies)

## › Curriculum

- › Observing „market“ requirements by degree programme manager
- › Evaluation of study programs and curricula by students and alumni
- › Establishing advisory board in each department



## › Teaching Methods

### › Provide advise and support

- › Gather good teaching practices and concepts from outside

- › Develop own concepts and methods for teaching

- › Qualify personnel in professional teaching  
(ranges from workshops to personal coaching)

- › Provide scope for personal development  
(e.g. reduction of teaching duties, providing back staff/assistants)

### › Communicate good teaching practices

### › Honor good teaching practices







## Never enough!!

### Staff to student ratio

- › Lecture: 1 : 60
- › Tutorial 1 : 20
- › Lab-work 1 : 15



## › Teaching

- › Learning Center with 7 employees ( 5.5 full time equivalents)
- › Quality Management System with 7 employees (4 full time equivalents)
- › Budget for 2012 to 2016 → 9.8 mio €
  - › Learning center and Quality Management System
  - › Provide courses in didactics etc.
  - › Reduce teaching duty to provide scope for personal improvement
  - › Finance projects aiming at introducing „innovative teaching“

## › Transfer

- › Transfer Agency with 15 employees (11 full time equivalents)



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# Thank you for your attention!

# Overview

## Dual degree programs at our university



Dual degree programs	apprenticeship + study	internship + study	job/occupation + Study
Business Administration VWA	X		
Chemical Engineering		X	
Electrical Engineering	X		
Computer Science	X		
Mechanical Engineering	X		X
Technical Orthopaedics	X		
Therapy and Public Health Management	X		
Business Informatics		X	
Industrial Engineering	X		X