

**t.WAST3 - Wahrscheinlichkeit und Statistik 3**

**Person responsible for the course:** Marianne Müller, mllm

**Credits:** 6

**Valid for:** 2010/2011

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**Learning objectives:**

The students know the basic principles in applied statistics. They are able to carry out a simple data analysis and use the appropriate methods. They learn the basics of the statistical software R and can apply their theoretical knowledge in practical problems.

**Course content:**

Confirmatory statistics: -

Parameter estimation: point estimate and confidence intervals -

Statistical tests for means - Simple linear regression

Statistics Lab: - Introduction into R

**Previous knowledge:**

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**Teaching method:**

Type of lesson:	Number of lessons per week:
Lecture	
Tutorial/Practicum	
Group teaching	
Block instruction	
Seminar	

**Assessment:**

According to the table or as specified in writing by the lecture at the beginning of the semester!

Number	Type	Weighting
	End of term exam	
	Exam during the semester	
	Further assessments	

**Language of instruction:**

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**Instruction material:**

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**Comments:**

