

## t.RESO - Resource Economics

**Person responsible for the course:** Erich Renner, renr  
**Credits:** 1,5  
**Valid for:** 2009/2010  
**Last saved:** 23.08.2010 18:17

### Learning objectives:

The students know the relation between economic success and the purposeful use of resources. They develop the concepts of the business sectors and their importance for economic development. They illustrate the relationship of technological development, prosperity, needs and demand for commodities and energy. They discuss the character and efficiency of the resources used by individual sectors and industries. The conditions and possibilities for increased efficiency are drivers for the development of strategies for entrepreneurial and political action.

### Course content:

"The civilisation machine": technological development, prosperity, needs and consumption of resources  
 - the primary sector: initial production - efficient and sustainable primary production,  
 - the secondary sector: processing - production models, automation and supervision of production processes,  
 - the tertiary sector: distribution and services - lean processes and energy efficiency,  
 - the quaternary sector: information and communication - efficiency increase through system optimisation - synergies and substitutions,  
 - resource economics and politics.

### Previous knowledge:

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### Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	14*2
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
1	End of term exam	
	Exam during the semester	
	Further assessments	

### Language of instruction:

German

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**Instruction material:**

script, slide copies, working papers

Danielli, G. / Backhaus, N. / Laube, P.: Wirtschaftsgeographie und globalisierter Lebensraum, Compendio  
Bildungsmedien, Zürich 2002

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**Comments:**

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