



## List of courses taught in English (Bachelor Level) - 2015/16

## A) International Engineering Program (IEP) - 3 Month Program

Please note: Semester times are different from our regular semester times.

Detailed course description: <http://www.hs-ulm.de/Internationales/AAA/InternationaleStudierende/InternationalEngineeringProgramme/>

Department / Study Program	Lecturer	Title	ECTS credits	1. Oct - 23. Dec	1. April - 30. June
<b>Production Engineering / IMEP</b>					
P / IMEP	Kurfess / Damaritürk	CAD/CAM	4	X	
P / IMEP	Commerell / Beckmann	Dynamics I	4	X	
P / IMEP	Beckmann	Dynamics II	4	X	
P / IMEP	Hüser / Hartberger	Lean Production Systems	4	X	
P / IMEP	Commerell	System Automation	4	X	
P / IMEP	Dettmann	Applied Thermal-Fluid Systems	4	X	
P / IMEP	Ruderich	Fluid Mechanics	4	X	
P / IMEP	t.b.a.	Fuel Cells	4	X	
P / IMEP	Watty	Collaborative Product Development (CPD)	4	X	
<b>Electrical Engineering / IEEP</b>					
E / IEEP	Forster	Analog Integrated Circuits	4		X
E / IEEP	Beckmann	Control Technology	4		X
E / IEEP	Professors of Department Electrical Engineering and Information Technology	EE Advanced Project Work	4		X
<b>Computer Engineering / ICEP</b>					
I / ICEP	Schäffter	Computer Networks	4		X
I / ICEP	Frey	Machine Vision	4		X
I / ICEP	Hering / Steiper	Operating Systems	4		X
I / ICEP	Strahnen	Computer Architecture	4		X
<b>Social Sciences</b>					
IMEP	McLeod	Germany within Europe	4	X	
I / ICEP and E / IEEP	Kratzer	Germany In The Last Three Centuries	4		X



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## B) Full Semester programs

Those courses are offered during the German regular semester times, mixing IEP courses and semester program courses is **NOT** possible

The courses will be taught in English if international students are at place. **Please note:** It is possible that courses may take place at the same time. Students should chose only courses from one department.

\*students should chose either Block 1 or 2 to avoid overlappings of courses

Department / Study Program	Lecturer	Title	ECTS credits	WS (October - February)	SS (March - July)	Course code
Department of Production Engineering and Production Economics						
International Semester Program in Energy Economics – Block 1*	Otto	Operations Research	5	X	X	
International Semester Program in Energy Economics – Block 1*	Gaisbauer-Pointner	Performance Management	5	X	X	CKLM
International Semester Program in Energy Economics – Block 1*	R. von Schwerin	Analytics for Energy Data	5	X	X	AFED
International Semester Program in Energy Economics – Block 1*	Kleiser	Energy Efficiency	5	X	X	
International Semester Program in Energy Economics – Block 1*	Böhm	Power Plant Technology	5	X	X	KRAT
International Semester Program in Energy Economics – Block 2*	Otto	Energy Trading and Risk Management	5	X	X	ETRM
International Semester Program in Energy Economics – Block 2*	Heilscher	Energy Data Management	5	X	X	EDAT
International Semester Program in Energy Economics – Block 2*	Otto/Heilscher	Seminar in Energy Economics	5	X	X	
International Semester Program in Energy Economics – Block 2*	t.b.a.	Simulation	5	X	X	
International Semester Program in Energy Economics – Bl. 1 + 2	Gaisbauer-Pointner	Intercultural Communication	2	X	X	
International Semester Program in Energy Economics – Bl. 1 + 2	All professors	Project in Energy Economics	10	X	X	



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<b>P / Production Engineering</b>	Völker	Distribution Logistics	4	X	X	
<b>P / Production Engineering</b>	Stöhler/Völker	Business Information Systems	4	X	X	
<b>Department of Electrical Engineering and Information Technology</b>						
<b>E / Digital Media</b>	Radtke	Signs go Global <b>OR</b> Type in Motion	5		X	WSGG  WADM
<b>E / Digital Media</b>	Radtke	E-Learning	10		X	ELEARN
<b>E / Digital Media</b>	Radtke	Typographie	5		X	TYPO
<b>Department of Computer Science</b>						
<b>I / Computer Science</b>		Complete Bachelor Program is offered in English		X	X	
<b>Department of Mathematics, Natural and Economic Sciences</b>						
<b>G / Institute of foreign Languages and Management (IFM)</b>	Bentley	Industrial Innovation	5	X	X	
<b>G / Institute of foreign Languages and Management (IFM)</b>	Bentley	Environmental Policy	5	X	X	
<b>Elective Course</b>	Cürten	Cross Cultural Management	5	X		



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**C) Master-Level Courses taught in English**

Full semester program

Department / Study Program	Lecturer	Title	ECTS credits	Winter Semester (October - February)	Summer Semester (March - July)
E / Master SYE and SYE intl. resp.	Hartmann	Numerical Optimization	6		X
E / Master SYE and SYE intl. resp.	Leute / Lau / Mantz / Werner	Physical Methods	6		X
E / Master SYE and SYE intl. resp.	Bank / Commerell	Modeling of Technical Systems	6		X
E / Master SYE and SYE intl. resp.	Bank	Model-Based Systems Development	6		X
E / Master SYE and SYE intl. resp.	M. von Schwerin / Normann	Embedded Systems	6		X
P / Master SYI Logistics	Baumgärtel	Strategical Controlling with SCOR	5	X	
P / Master SYI Logistics	Baumgärtel, Stäblein	Quantitative Methods in Logistics Planning	5		X
G / Institute of foreign Language and Management (IFM)	Bentley	International Business (Master-Program )	5	X	X
I / Master Information Systems		Complete Master Program is offered in English			

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### German Language courses

German Language courses				
		ECTS	Winter Semester	Summer Semester
	German for Beginners 1 - Intensive Course September	2	X	
	German for Beginners 2 - Intensive Course September	3	X	
	German for Beginners 1 - Intensive Course March	3		X
	German for Beginners 2 - Intensive Course March	3		X
	German Beginners Level 1	2	X	X
	German Beginners Level 2	3	X	X
	German Beginners Level 3	5	X	X
	German Beginners Level 4	5	X	X
	German intermediate Level 1	5	X	X