International Office

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Hochschule Ulm

16.02.2015

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
Production Engineering / IMEP					
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	
Electrical Engineering / IEEP					
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
Computer Engineering / ICEP					
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
Social Sciences					
IMEP	McLeod	Germany within Europe	4	X	
I / ICEP and E / IEEP	Kratzer	Germany In The Last Three Centuries	4		X

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 <u>one</u> 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	Controlling	5	X	X	
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	
International Semester Program in Energy Economics – Block 2*	Otto	Energy Trading and Risk Management	5	X	X	
International Semester Program in Energy Economics – Block 2*	Heilscher	Energy Data Management	5	X	X	
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	

Department	Name	Course	Credits			Code
P / Production Engineering	Völker	Distribution Logistics	4	X	X	
P / Production Engineering	Stöhler/Völker	Business Information Systems	4	X	X	
Department of Electrical Engineering and Information Technology						
E / Digital Media	Radtke	Signs go Global **OR** Type in Motion	5		X	WSGG WADM
E / Digital Media	Radtke	E-Learning	10		X	ELEARN
E / Digital Media	Radtke	Typographie	5		X	TYPO
Department of Computer Science						
I / Business Information Systems	R. von Schwerin/ Klippel	Database Programming	5	X (4. Semester)	X (4. Semester)	DAPRO
I / Business Information Systems	Herbort	Data Warehousing	5	X (5. Semester)	X (5. Semester)	DAWA
I / Business Information Systems and Health Information Management	R. von Schwerin	Oracle SQL Certified Expert	5		X	Not in SS 2015
Department of Mathematics, Natural and Economic Sciences						
G / Institute of foreign Languages and Management (IFM)	Bentley	Industrial Innovation	5	X	X	
G / Institute of foreign Languages and Management (IFM)	Bentley	Environmental Policy	5	X	X	

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			

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