

# Energy Engineering and Management (EEM)

## Academic Calendar 2011 - 2013

September 2011							October 2011							November 2011							December 2011								
Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
			01	02	03	04					01	02		01	02	03	04	05	06				01	02	03	04			
05	06	07	08	09	10	11	03	04	05	06	07	08	09	07	08	09	10	11	MM 2	05	06	07	08	09	10	11			
12	13	14	15	16	MM 1		10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18		
19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25		
26	27	28	29	30			24	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31			
							31																						
January 2012							February 2012							March 2012							April 2012								
Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
						01				01	02	03	04				01	02	EM 2							01			
02	03	04	05	06	EM 1		05	06	07	08	09	10	11	05	06	07	08	09	10	11	02	03	04	05	06	07	08		
09	10	11	12	13	14	15	12	13	14	15	16	17	18	12	13	14	15	16	17	18	09	10	11	12	13	14	15		
16	17	18	19	20	21	22	19	20	21	22	23	24	25	19	20	21	22	23	24	25	16	17	18	19	20	MM 3			
23	24	25	26	27	28	29	26	27	28	29				26	27	28	29	30	31		23	24	25	26	27	28	29		
30	31																				30								
May 2012							June 2012							July 2012							August 2012								
Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
		01	02	03	04	05	06					01	02	03							01				01	02	03	04	05
07	08	09	10	11	12	13	04	05	06	07	08	EM 3		02	03	04	05	06	07	08	06	07	08	09	10	11	12		
14	15	16	17	18	19	20	11	12	13	14	15	16	17	09	10	11	12	13	MM 4		13	14	15	16	17	18	19		
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26		
28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30	31				
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September 2012							October 2012							November 2012							December 2012								
Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
					01	02	01	02	03	04	05	06	07				01	02	EM 5							01	02		
03	04	05	06	07	EM 4		08	09	10	11	12	13	14	05	06	07	08	09	10	11	03	04	05	06	07	08	09		
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16		
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23		
24	25	26	27	28	29	30	29	30	31					26	27	28	29	30			24	25	26	27	28	29	30		

January 2013						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
31	01	02	03	04	MM 5	
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

### Master Program Module Topics & Lectures

MM 1	Accounting & Controlling: Financial Accounting   Management Accounting
MM 2	International Project Management: Project Management & Scheduling   Information & Process Modeling   Multiproject Management in an International Setting   Development Management   Intercultural Management
MM 3	Finance & Marketing: Fundamentals of Finance   Marketing   Marketing & Business Strategy   Intercultural Communication
MM 4	ESADE (Barcelona): Innovation & Entrepreneurship
MM 5	Law and Contracts: International Intellectual Property Law   Decisions, Contracts, Markets and Trade   International Law - The Law of Business Organizations
EM 1	Renewables: Fluid Mechanics   Wind Power   Water Power   Bio Fuels   Solar Power and Geothermal
EM 2	Thermal Energy Conversion: Technical Thermodynamics   Technical Combustion   Thermal Power Plants   Bio Fuels   Turbo Machinery
EM 3	Electricity Generation & Energy Storage: Power Generators   Fuel Cells, Batteries   Photovoltaic   Hydrogen Storage
EM 4	Smart Networks & Energy Distribution: Power Systems Introduction and Components   Transmission and Distribution   Smart Grids and Energy Technologies   Efficient Energy Distribution: Citites/Smart Buildings
EM 5	Energy Economics: Energy Efficiency   Integration of decentralized energy systems   Energy Markets   European Network Regulations   Energy Systems Analysis
Additional Module:	Nuclear Power Plants: Reactor Physics   Core Design and Plant Design of Pressurized Water Reactors   Core Design and Plant Design of Boiling Water Reactors   Case Study on Reactor Operation   Life Cycle Management of Nuclear Power Plants

Master Thesis as a Project Work in the Company: February - July 2013

**MM** Management Modules

**EM** Engineering Modules