1st academic year at LUT	Course	Period	Credits	Notes
BH70A0200	Advanced Topics in Modelling of Energy Systems	1-2	6	
BL20A0601	Electrical Power Transmission	2	5	
BL20A0401	Electricity Market	1	5	
BH10A3000	Energy and Society	3-4	4	
BH61A0201	Energy Economics	3-4	5	
BL40A2302	Energy Efficiency	4	4	
BL20A1300	Energy Resources	1-2	6	
BH50A1200	Energy Systems Engineering	1-2	6	
BH40A0802	Fluid Machinery	1-2	4	
BH10A1700	Introduction to M.Sc. Studies	1-2	1	
BL20A0201	Power Exchange Game for Electricity Markets	2-3	3	
BH50A0301	Power Plant Design	1-2	6	
BL20A1400	Renewable Energy Technology	3-4	6	
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2nd year at LUH				
	Master's thesis		30	obligatory
	Electrical Energy Storage		5	
	Electrical Machines and Drives		5	
	Electrical Machines for eAutomotive Traction Applications		5	
	Electrothermal Processing (Electrotechnology)		5	
	Power Electronics		5	
	Sustainable Combustion (Combustion Technology)		5	obligatory
	Sustainability Assessment		5	
optional	*Introdution to academic writing*		*2*	

Strongly suggested prerequisites

LUT students with bachelor's degree in Electrical Engineering -> Fluid mechanics, available in summer and also Fundamentals of Energy Technology 2 credit non-stop self-study c

LUT students with bachelor's degree in Energy Technology -> Introduction to Electrical Power Systems, taught in 1st period

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