FACULTY OF BUSINESS MANAGEMENT
EUBA

Study plan for the 2nd degree of study

Study programme: **Management in Nuclear Energy**
Study field: **Electrical Engineering / Economics and Management**
Form of study: **Full-time s**

Block - Profile subjects					
Title of course	***Recommended study plan***				
	No. of credits	***1st semester***	***2nd semester***	***3rd semester***	***4th semester***
Thermodynamics and Heat Transfer	5	1. s			
Theory of Nuclear Reactors	6		2. s		
Financial Analysis and Financial Planning	6		2. s		
Sustainable Business Growth	6			3. s	
Material Management in the Nuclear Fuel Cycle	5				4. s
Strategic Management and Organizing	6				4. s
Total profile subjects	***34***	***5***	***12***	***6***	***11***

Block - Other compulsory subjects					
Title of course	***Recommended study plan***				
	No. of credits	***1st semester***	***2nd semester***	***3rd semester***	***4th semester***
Mathematics	5	1. s			
Mechanical Equipment of Nuclear Power Plants	5	1. s			
Dosimetry and Radiation Protection	5	1. s			
Human Resource Management	5	1. s			
Financial Management in Network Industries	5	1. s			
Project Management	4		2. s		
Business Environment and Regulations in the EU	6		2. s		
Experimental Reactor Technology	6			3. s	
Nuclear Power Plant Operation and Safety	6			3. s	
Power System Management	5			3. s	
Diploma Project 1	2			3. s	
Diploma Project 2	2				4. s
Professional Internship	3				4. s
Thesis Defence	5				X
State Examination	5				X
Total other compulsory subjects	***69***	***25***	***10***	***19***	***15***
Total compulsory subjects (profile and other compulsory subjects)	***103***	***30***	***22***	***25***	***26***

Block - Compulsory elective courses					
Title of course	Recommended study plan				
	No. of credits	1st semester	2nd semester	3rd semester	4th semester
Financial Engineering	5			3. s	
Pricing	5			3. s	
Modelling and Simulation in Nuclear Energy	4				4. s
Experimental Methods	4				4. s
Total - Compulsory elective courses	**9**	**0**	**0**	**5**	**4**

Block - elective courses					
Title of course	Recommended study plan				
	No. of credits	1st semester	2nd semester	3rd semester	4th semester
Ionizing Radiation Detection	4		2. s		
Medical Applications of Nuclear Techniques	4		2. s		
Leadership and Communication	4		2. s		
Supply Chain Management	4		2. s		
Elective courses	**8**	**0**	**8**	**0**	**0**

Study part	**120**	**30**	**30**	**30**	**30**