



List of credits on the specialty “Nuclear Power and Thermal Energetics”

<b>BACHELOR</b>		
NAME OF SUBJECTS	SEMESTER	CREDITS
Steam boilers	Autumn	3.5
Heatmasstransfer	Autumn	3.5
Overview of nuclear security	Spring	1.5
Steam boilers	Spring	3.5
Heatmasstransfer	Spring	3.5

<b>MASTER</b>		
NAME OF SUBJECTS	SEMESTER	CREDITS
International and national legal, regulatory and institutional framework for nuclear security	Autumn	2.5
Developing and implementing Design Basis Threat (DBT)	Autumn	4
Nuclear security culture	Autumn	4
Physical protection systems design and evaluation	Autumn	6
Non-Destructive Assay of Nuclear Materials	Autumn	5
Legal drafting for nuclear security	Autumn	2.5
Preventing and protecting against insider threat	Autumn	4
Overview of nuclear security	Spring	1.5
Use of nuclear material accounting and control for nuclear security (NMAC)	Spring	2
Information and computer security	Spring	2
Nuclear security management at national and facility level	Spring	2
System of RAW Management	Spring	3
Nuclear Facility Vulnerability Assessment and Risk Management	Spring	4.5
Physical protection technologies and equipment	Spring	4
Management of Emergency and Crisis Situations at Nuclear Facilities	Spring	3