

## Electable Modules at BTU Cottbus-Senftenberg

Module-No.	Module Title	Status	Total ECTS
<b>General Modules</b>			
11494	Control Engineering 1	Mandatory	6
11747	Control Engineering 2	Mandatory	6
35443	International Management	Mandatory	6
12238	Essentials of Grant Proposal Writing	Mandatory	6
12241	PhD Thesis Writing Skills	Mandatory	6
<b>Modules in Electric Power Engineering</b>			
11192	Medium and Low Voltage Technologies	Elective	6
11473	Switching Technologies	Elective	6
11493	Calculation of Grids with Renewable Sources	Elective	6
11750	Power System Operation	Elective	6
11191	EMC in Electrical Power Installations	Elective	6
11199	Auxiliary Power Supply of the Power Plants	Elective	6
11221	Fundamentals in Power Electronics	Elective	6
35437	Power Applications in Drive Systems	Elective	6
35436	Power Applications in High Voltage Grids	Elective	6
11696	Generators and Large Drives	Elective	6
11496	Research Seminar in Power Electronics	Elective	6
<b>Modules in Thermal Power Engineering and Renewable Generation</b>			
35449	Power Plant Technology 1	Elective	6
35450	Power Plant Technology 2	Elective	6
44407	Technical Combustion	Elective	6
11292	Selected Chapters of Technical Combustion	Elective	6
44430	Fundamentals in Thermal Process Engineering	Elective	6
44108	Thermal Process Engineering and Equilibrium Thermodynamics	Elective	6
11689	Power Generation from Wind Energy	Elective	6
11690	Power Generation from Solar Energy	Elective	6
11745	Power Generation from Bio Fuels	Elective	6
11691	Energy Storage Technology	Elective	6
<b>Modules in Energy Economics</b>			
35303	Power System Economics 1	Elective	6
35401	Power System Economics 2	Elective	6