



Master of Science in Electrical and Power Engineering

Curriculum *(subject to change)*

YEAR 1

Semester 1 in Baku (Spring)

Course Name	Instruction
Linear Systems Theory	GWU/online
Signals and Transforms in Engineering	GWU/online
Electrical Power Systems	GWU/online

Semester 2 in Baku (Fall)

Course Name	Instruction
Electric Power Generation	GWU/online
Power Distribution Grids	GWU/online
Machine Intelligence	GWU/online

YEAR 2

Semester 3 in Washington, DC (Spring)

Course Name	Instruction
Power Systems Protection	GWU
Power Electronics	GWU
Master's Thesis I	GWU
One of the courses below	GWU
<ul style="list-style-type: none">• Smart Power Grids or• Power Systems Reliability	

Semester 4 in Baku (Summer)

Course Name	Instruction
Research	ADA

Semester 5 in Baku (Fall)

Course Name	Instruction
Automation and Control in Power Engineering	ADA
Sustainable Energy Technologies	ADA
Master's Thesis II	ADA