



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
One of the courses below	
<ul style="list-style-type: none">• Energy and Sustainability• Smart Power Grids	GWU/online GWU/online

YEAR 2

Semester 3 in Washington, DC (Spring)

Course Name	Instruction
Power Systems Protection	GWU
Power Systems Reliability	GWU
Power Electronics	GWU

Semester 4 in Washington, DC (Summer)

Course Name	Instruction
Power Systems Economics	GWU
Research	GWU

Semester 5 in Baku (Fall)

Course Name	Instruction
Automation and Control in Power Engineering	ADA
Artificial Intelligence in Smart Grids	ADA
Master's Thesis	ADA