Master of Science in Computer Engineering and High Performance Computing

Curriculum *(subject to change)*

YEAR 1

Semester 1 in Baku (Fall)

Course Name	Instruction
Computer Architecture and Design	GWU/online
Introduction to High-Performance Computing	GWU/online
Machine Intelligence	GWU/online

Semester 2 in Washington, DC (Spring)

Course Name	Instruction
Choose 3 of 4 courses below	
Parallel Computer Architecture	GWU
Secure Computer Architecture	GWU
Design of Interconnection Networks for Parallel Computer Architectures	GWU
Research (Start Spring, Complete Summer)	GWU

YEAR 2

Semester 3 in Baku (Fall)

Course Name	Instruction
Linear Systems Theory	GWU/online
Embedded Systems	GWU/online
Design and Analysis of Algorithms	GWU/online
Master's Thesis I	ADA

Semester 4 in Baku (Spring)

Course Name	Instruction
Technical Elective	ADA
Technical Elective	ADA
Master's Thesis II	ADA