

PROGRAM BREAKDOWN

MASTER IN COMPUTER ENGINEERING

(30 GRADUATE LEVEL SEMESTER CREDIT HOURS – ESTIMATED COMPLETION TIME: 20 MONTHS)

COURSE NUMBER	COURSE NAME	CREDIT HOURS
EGN 508	Enterprise Client-Server Software Systems Design	3.0 credit hours
EGN 512	High-Performance Programming with Multicore and GPUs	3.0 credit hours
EGN 514	Wireless Communications	3.0 credit hours
EGN 534	Networking the Physical World	3.0 credit hours
EGN 545	Introduction to Embedded Systems	3.0 credit hours
EGN 557	Computer Architecture and Design	3.0 credit hours
EGN 618	Advanced Network Security	3.0 credit hours
EGN 625	Advanced Digital Design with Verilog and FPGA	3.0 credit hours
EGN 649	Final Research Project	3.0 credit hours
EGN 699	Capstone Field Project	3.0 credit hours

