

M.S. Computer Information Systems
 Department of Computer Science
 Nathan Weiss Graduate College
 Kean University

Core Courses – 15 credits		
Number	Title	Frequency
CPS 5100	Computer Information Systems	Spring
CPS 5400	Advanced Analysis of Algorithms	Fall
CPS 5920	Database Systems	Fall
CPS 5950	Software Engineering	Fall
CPS 5981	Software Assurance	Spring

Electives – 12 credits		
Number	Title	Frequency
CPS 588x	Independent Study (5881, 2,3)	By arrangement
CPS 5900	Numerical Analysis	TBD
CPS 5910	Computer Simulation of Models	Even Fall
CPS 5921	Data Mining	Even Fall
CPS 5930	Operating System Concepts	Even Fall
CPS 5931	Computer Networking	Even Spring
CPS 5940	Artificial Intelligence and Expert Systems	Odd Spring
CPS 5951	Human Computer Interaction	Spring
CPS 5960	Operations Research: Models and Algorithms	TBD
CPS 5965	High Performance Computing	Odd Fall
CPS 5970	Web Programming	Spring
CPS 5990	Special Topics	By arrangement

Capstone Course – 3 credits		
Number	Title	Frequency
CPS 5100	Computer Information Systems	Spring

Each course is 3 credit hours.