M.S. in Applied Information Technology

Curriculum Map
2020

Abbreviated Program-Level Student Learning Outcomes	Program Courses / Milestones (exams, defenses, etc. that do not have a corresponding course number)																									
	Required Core Courses					Concentration Courses																				
						Cyber Security					Cyber-Human Systems				Data Analytics and Intel Methods					IT Management[3]						
	AIT 512[1]	AIT 524	AIT 542	AIT 580[2]	AIT 664	AIT 660	AIT 670	AIT 681	AIT 682	AIT 702	AIT 582	AIT 602	AIT 716	AIT 724	AIT 580	AIT 582	AIT 614	AIT 677	AIT 724	AIT 685	AIT 697	AIT 665	AIT 672	AIT 622	AIT 678	AIT 679
1. Fundamental Knowledge of IS &T	I	R/A	E	R	E			E	E		E/R	A		E	R	E/R	R	I/A	E	R	R	I		I		
2. Specialized Knowledge		I		R	I	E/A	E/A	E	E	E	I	I	I	E	R	I	E	E/A	E	A	R	I	E	I		E/R
3. Written and Oral Communication		E		E/A	R/A	R/A	E/A	A	I	A	R/A	E	R	E	E/A	R/A	E	R/A	E	A	R	E	R	I	I	
4. Evaluation of IT Solutions		I	E	E/A	E			R	R	E/A	E	E	E		E/A	E	E			A	R	E		I	E	E/R
5. Responsible Conduct of Research								I	I		E	E	I			I			I	A	R	I				

Key
I = concept related to learning outcome introduced
E = concept related to learning outcome emphasized
R = concept related to learning outcome reinforced
A = concept related to learning outcome assessed

1 Required for all concentrations except for the "IT Management" concentration
2 Required for the "IT Management" concentration only
3 There are no required course in the "IT Management" concentration. Courses presented in this section are most common for students in this concentration.