

The SOs of the MS in INCS are:

1. Identify, formulate, and analyze the patterns and trends of threats as they apply to information systems, including methods, modes of preparation for attack, tactics, logistics, hazards, and vulnerabilities
2. Critically evaluate various technical/architectural solutions available to limit risk, mitigate the effects of hostile action and recover from attack
3. Design, implement and maintain software tools designed to support network security and systematically integrate these tools within multiple operating systems and platforms
4. Oversee the information assurance life cycle of an organization, including planning, acquisition, and implementation of secure infrastructures
5. Ensure compliance with security policy, legislation and market trends
6. Utilize mathematical and algorithmic solutions to complex information security problems
7. A comprehensive knowledge of probability and statistics

Matrix

Course	SO 1	SO 2	SO 3	SO 4	SO 5	SO 6	SO 7
CSCI 620			x				
CSCI 651						x	x
MGMT 755		x					
MGMT 706					x		
INCS 615	x	x		x			
INCS 741		x					
INCS 745	x	x					
INCS 870		x	x	x	x		x
INCS/CSCI Elective							
INCS/CSCI Elective							
INCS/CSCI Elective							
INCS/CSCI Elective							