

CISSP Knowledge Area(s)	Course	Prerequisites	Hours
Required Course <i>(must take any one of the courses below)</i>			
All (general, introductory level)	CS 01.211 Principles of Information Security*	none	3 s.h.
	MIS 02.315 Principles of Information Security*	60 s.h.	3 s.h.
	CS 07.351 Cyber Security: Fundamentals, Principles and Applications	CS 07.210 Computer Organization and CS 04.222 Data Structures and Algorithms	3 s.h.
Elective Courses <i>(must take three courses from any three distinct knowledge areas below)</i>			
Communication and Network Security	CS 10.200 Fundamentals of Network Security <i>(new course)</i>	CS 01.210 Introduction to Networks and Data Communications	3 s.h.
	CS 06.417 Principles of Network Security	CS 06.410 Data Communications and Networking	3 s.h.
Security Engineering	CS 10.215 Penetration Testing Fundamentals <i>(new course)</i>	CS 10.200 Fundamentals of Network Security <i>(new course)</i>	3 s.h.
	CS 07.353 Security of Mobile Devices	CS 07.210 Computer Organization and CS 04.222 Data Structs and Algorithms <i>(both required courses for CS minors)</i>	3 s.h.
	CS 07.350 Computer Cryptography	CS 07.210 Computer Organization and CS 04.222 Data Structures and Algorithms	3 s.h.
Security and Risk Management	CS 07.252 Foundations of Computer Forensics	none	3 s.h.
Identity and Access Management	CS.10 344 Concepts of Computing Technologies <i>(topics covered amongst others)</i>	CS 01.210 Introduction to Networks and Data Communications and (CS 01.211 Principles of Information Security* or MIS 02.315 Principles of Information Security*)	3 s.h.
Security Assessment and Testing	CS 10.218 Ethical Hacking Fundamentals <i>(new course)</i>	CS 10.215 Penetration Testing Fundamentals <i>(new course)</i>	3 s.h.

* These courses have been declared as equivalent courses per Curriculum Proposal 15-16-1033.

Typical courses in the BA program are highlighted in blue. However, courses from the BS in Computer Science are also available to BA students as restricted electives provided their corresponding prerequisites are met.