



Information Security and Cybersecurity Department
Guidance Plan
2020-2021
(132 Credit Hours)

Year	Semester	Module Number	Module Title	Prerequisites	Type of Requirements
First	First (15 Credit Hours)	0750113	Programming Fundamentals (1)	-----	(FR)
		0731110	Introduction to Information Systems and Technology	-----	(FR)
		0780110	Introduction to Internet and Web Technology	-----	(FR)
		0750120	Discrete Mathematics	0750099	(SR)
		0130101	English Language Skills (1)	0114099	(UR)
	Second (15 Credit Hours)	0111101	National Education	-----	(UR)
		0790110	Information Security Fundamentals	-----	(DR)
		0750114	Programming Fundamentals (2)	0750113	(FR)
		0130102	English Language Skills (2)	0130101	(FR)
		0114101	Arabic Language Skills (1)	0114099	(UR)
Second	First (18 Credit Hours)	0790211	Principles of Cryptography	0750120	(DR)
		0721223	Object-Oriented Programming	0750114	(FR)
		0731213	Introduction to Web Programming	0750114	(FR)
		0750230	Digital Logic Design	0731110	(SR)
		0750272	Numerical Analysis	0750114	(SR)
	Second (18 Credit Hours)	0721224	Data Structures	0721223	(SR)
		0731221	Database Fundamentals	0721223	(SR)
		0750215	Visual Programming	0721223	(FR)
		0250231	Introduction to Statistics and Probabilities	-----	(SR)
		0790220	Programming Language in Information Security	0721223	(DR)
0721240	Computing Ethics	0731110	(FR)		
Third	First (18 Credit Hours)	0731340	Computer Networks Fundamentals	0721111	(SR)
		0790312	Database Administration Security	0731221	(DR)
		0750323	Algorithms	0721224	(SR)
		0731321	Systems Analysis and Design	0721224	(SR)
		0790321	Cyber Crimes and Networks	0790220	(DR)
	Second (18 Credit Hours)	0790324	Information Security Protocols	0731340	(DR)
		0790323	Linux Operating Systems	0731340	(DR)
		0790322	Wireless Computer Networks	0731340	(DR)
		0790325	Forensic and Investigations	0790321	(DR)
		0790330	Department Elective (1) Practical Training	----- 90 hours	(DR) (DR)
Fourth	First (16 Credit Hours)	0790420	Network Operating Systems	0790323	(DR)
		----	University Elective (3)	-----	(UR)
		0790421	Networks Surveillance and Documentations	0790324	(DR)
		0790422	Networks Security	0790324	(DR)
		0790440	Research Project 1	90 hours	(DR)
	Second (14 Credit Hours)	----	Department Elective (2)	-----	(DR)
		----	University Elective (4)	----	(UR)
		0111100	Military Sciences (Or UE Non-Jordanians Students)	----	(UR)
		----	Department Elective (3)	----	(DR)
		0790423	Information Security Risks Management	0731340	(DR)
0790441	Research project 2	0790422 0790440	(DR) (DR)		