

**Major: Security and Risk Analysis**  
**Option: Information and Cyber Security**

*Entered Penn State Spring 2018 or before*

**Total Credits: 120**

\*1 credit of IST 495-IST Internship is required.\*

Semester 1		Credits	Semester 2		Credits
SRA 111 <i>Introduction to Security and Risk Analysis</i> <b>ETM Course</b>	3		SRA 211 <i>Threat of Terrorism and Crime</i> <b>ETM Course</b>	3	
IST 140 <i>Introduction to Application Development</i> , <b>OR</b> CMPSC 101 <i>Introduction to Programming</i>	3		CAS 100 (GWS)	3	
IST 110 <i>Information, People, and Technology</i>	3		ECON 102 (GS)	3	
ENGL 15 <b>OR</b> ENGL 30 (GWS)	3		World Language 002	4	
World Language 001	4		General Education Selection	3	
Total Credits:	16		Total Credits:	16	

  

Semester 3		Credits	Semester 4		Credits
SRA 221 <i>Overview of Information Security</i>	3		SRA 231 <i>Decision Theory and Analysis</i>	3	
IST 220 <i>Networking and Telecommunications</i>	4		IST 210 <i>Organization of Data</i>	3	
STAT 200 (GQ)	3		PSYCH 100 <b>OR</b> SOC 005	3	
World Language 003	4		General Education Selection	3	
			Elective	1	
Total Credits:	14		Total Credits:	13	

  

Semester 5		Credits	Semester 6		Credits
SRA 311 <i>Risk Analysis in a Security Context</i>	3		IST 432 <i>Legal and Regulatory Environment of IST</i>	3	
SRA 365 <i>Statistics for Security and Risk Analysis</i> , <b>OR</b> STAT 460 <i>Intermediate Applied Statistics</i>	3		ENGL 202C <b>OR</b> ENGL 202D (GWS)	3	
GEOG 040 <b>OR</b> PLSC 001 <b>OR</b> PLSC 014 (GS)	3		IST 451 <i>Network Security</i>	3	
International Cultures (IL)	3		Support of Option Selection	3	
General Education Selection	3		General Education Selection	3	
Total Credits:	15		Total Credits:	15	

  

Semester 7		Credits	Semester 8		Credits
IST 456 <i>Information Security Management</i>	3		IST 440W <i>Integration and Problem Solving</i> , <b>OR</b> SRA 440W <i>Security and Risk Analysis Capstone Course</i>	3	
Support of Option Selection	3		IST 454 <i>Computer and Cyber Forensics</i>	3	
General Education Selection	3		Support of Option Selection (400-level)	3	
General Education Selection	3		International Cultures (IL)	3	
General Education Selection	3		General Education Selection <b>OR</b> US Cultures (US) <b>OR</b> Elective	3	
Total Credits:	15		Total Credits:	15	