

**Academic year 2019-2020**  
**Master studies in Information Security**

**Year 1 (Series 2019-2021)**

**Semester 1**

MSI1101	<b>Advanced techniques in cryptography</b> C: 2 S: 2 L: Ex: E	7.5 ECTS
MSI1102	<b>Advanced techniques in software engineering</b> C: 2 S: 2 L: Ex: E <a href="#">Course webpage</a>	7.5 ECTS
MSI1103	<b>Cryptanalysis</b> C: 2 S: 2 L: Ex: E <a href="#">Course description</a>	7.5 ECTS
MSI1104	<b>Hardware cryptography</b> C: 2 S: 2 L: Ex: E	7.5 ECTS

**Semester 2**

MSI1205	<b>Security models</b> C: 2 S: 2 L: Ex: E <a href="#">Course description</a> <a href="#">Course webpage</a>	7.5 ECTS
MSI1206	<b>System specification and verification</b> C: 2 S: 2 L: Ex: E <a href="#">Course description</a>	7.5 ECTS
MSI1207	<b>Network security</b> C: 2 S: 2 L: Ex: E <a href="#">Course description</a>	7.5 ECTS
MSI1208	<b>Security protocols: modeling and verification</b> C: 2 S: 2 L: Ex: E <a href="#">Course description</a> <a href="#">Course webpage</a>	7.5 ECTS

**Year 2 (Series 2018-2020)**

**Semester 1**

	<b>Optional course (1 out of 2)</b> C: 2 S: 2 L: Ex: E	7 ECTS
MSI2101O1	<i>Software Security</i> <a href="#">Course description</a> <a href="#">Course webpage</a>	
MSI2101O2	<i>Belief Logics in Information Security</i> <a href="#">Course description</a>	

MSI2102	<b>Wireless and Mobile Security</b> C: 2 S: 2 L: Ex: E <a href="#">Course description</a> <a href="#">Course webpage</a>	8 ECTS
MSI2103	<b>Operating System Security and Malicious Systems</b> C: 2 S: 2 L: Ex: E <a href="#">Course description</a>	8 ECTS
MSI2104	<b>Security of Electronic Commerce</b> C: 2 S: 2 L: Ex: E <a href="#">Course description</a>	7 ECTS
<b>Semester 2</b>		
MSI2205	<b>Ethics and academic integrity</b> C: 1 S: L: Ex: EVP	5 ECTS
MSI2206	<b>Professional/Research Practice</b> C: S: L: 6 Ex: EVP	12 ECTS
MSI2207	<b>Dissertation Preparing</b> C: S: L: 7 Ex: EVP	13 ECTS