

MSc in Computer Science and Engineering – Study Line: Safe and Secure by Design – Sample Study Plan 2018/2019

September - December	January	February - May	June	September - December	January - June
<p>General Competences (TEMO)</p> <p>42490 Technology, Economics, Management and Organization (10 ECTS)</p>	<p>02257 Applied Functional Programming (5 ECTS)</p> <p>Technological Specialization</p>	<p>General Competences</p> <p>02291 System Integration (5 ECTS) *</p>	<p>02238 Biometric Systems (5 ECTS)</p> <p>Technological Specialization</p>	<p>Electives</p> <p>02232 Applied Cryptography (5 ECTS) *</p> <p>02246 Model Checking (7.5 ECTS) *</p> <p>02249 Computationally Hard Problems (7.5 ECTS)</p> <p>02255 Practical Cryptology (5 ECTS)</p> <p><i>Or Study Abroad</i></p>	<p>02913 Advanced Analysis Techniques (5 ECTS) <i>PhD Level</i></p> <p>Electives</p>
<p>General Competences</p> <p>02223 Fundamentals of Modern Embedded Systems (7.5 ECTS) *</p> <p>02242 Program Analysis (7.5 ECTS) *</p>		<p>Technological Specialization</p> <p>02220 Distributed Systems (7.5 ECTS) *</p> <p>02244 Language-Based Security (7.5 ECTS) *</p> <p>02247 Compiler Construction (5 ECTS) *</p>		<p>Thesis</p> <p>(30 ECTS)</p>	

The courses marked with * sum to 52.5 ECTS points which are more than the required 30 ECTS points for the study line.

120 ECTS points must be obtained in total.

Director of Studies, Jørgen Villadsen, DTU Compute