

## COMPUTER SCIENCE - Required Compulsory Modules

	1st Year	2nd Year	3rd Year
<b>1st Semester</b>	<ul style="list-style-type: none"> <li>• Computer Architecture and Operation   4 ECTs</li> <li>• Interactive Digital Multimedia   6 ECTs</li> <li>• Computer Programming   6 ECTs</li> <li>• Networks and Internet   4 ECTs</li> <li>• Quantitative Methods   6 ECTs</li> <li>• Web and Multimedia   4 ECTs</li> </ul>	<ul style="list-style-type: none"> <li>• Network Administration   4 ECTs</li> <li>• Databases   4 ECTs</li> <li>• Programming III   6 ECTs</li> <li>• Multimedia Systems I   6 ECTs</li> <li>• Internet Technologies III   4 ECTs</li> <li>• Probability Theory and Simulation Models   6 ECTs</li> </ul>	<ul style="list-style-type: none"> <li>• Computer Law   4 ECTs</li> <li>• Technical Architecture of Business Information Systems   6 ECTs</li> <li>• Cryptography   6 ECTs</li> <li>• Business Management   4 ECTs</li> <li>• Global Project   20 ECTs (Annual)</li> </ul>
<b>2nd Semester</b>	<ul style="list-style-type: none"> <li>• Internet technologies II   4 ECTs</li> <li>• Networks and Communications II   4 ECTs</li> <li>• Algorithms and Data Structures   6 ECTs</li> <li>• Programming II   6 ECTs</li> <li>• Mathematics II   6 ECTs</li> <li>• Descriptive Statistics   4 ECTs</li> </ul>	<ul style="list-style-type: none"> <li>• Network Administration II   4 ECTs</li> <li>• Database Management Systems   6 ECTs</li> <li>• Programming IV   6 ECTs</li> <li>• Multimedia Systems II   6 ECTs</li> <li>• Internet technologies IV   4 ECTs</li> <li>• Financial Calculation   4 ECTs</li> </ul>	<ul style="list-style-type: none"> <li>• History of Science and Techniques   4 ECTs</li> <li>• Programming V   6 ECTs</li> <li>• Computer Simulation Models   6 ECTs</li> <li>• Computer Security   4 ECTs</li> </ul>