School of Computer Science

Study Abroad Module List 2020-21

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| **Module Code** | **Module Title** | **Level** | **Semester** | **Credits** |
| 30203 | LI Systems Programming in C/C++ | LI | 1 | 20 |
| 30209 | LH Advanced Networking | LH | 1 | 20 |
| 30214 | LH Human-Computer Interaction | LH | 1 | 20 |
| 30227 | LH Intelligent Robotics | LH | 1 | 20 |
| 30229 | LH Machine Learning and Intelligent Data Analysis | LH | 1 | 20 |
| 30230 | LH Programming Language Principles, Design, and Implementation | LH | 1 | 20 |
| 30231 | LH Security of Real-World Systems | LH | 1 | 20 |
| 30251 | LM Human-Computer Interaction (Extended) | LM | 1 | 20 |
| 30255 | LM Machine Learning and Intelligent Data Analysis (Extended) | LM | 1 | 20 |
| 30256 | LM Programming Language Principles, Design, and Implementation (Extended) | LM | 1 | 20 |
| 30257 | LM Security of Real-World Systems (Extended) | LM | 1 | 20 |
| 30512 | LM Human Computer Interaction Theory and Practice | LM | 1 | 20 |
| 32167 | LH Neural Computation | LH | 1 | 20 |
| 32212 | LM Neural Computation (Extended) | LM | 1 | 20 |
| 32245 | LM Storing and Managing Data | LM | 1 | 20 |
| 32248 | Programming for Data Science | LM | 1 | 20 |
| 32250 | LM Mathematical Foundations of Artificial Intelligence (AI) and Machine Learning (ML) | LM | 1 | 20 |
| 32258 | LM Algorithms for Data Science | LM | 1 | 20 |
| 34153 | LM Software Workshop 1 | LM | 1 | 20 |
| 34168 | LI Software Workshop 1 | LI | 1 | 20 |
| 34194 | LM Artificial Intelligence and Machine Learning | LM | 1 | 20 |
| 34206 | LI Building Useable Software | LI | 1 | 20 |
| 34208 | LM Building Useable Software | LM | 1 | 20 |
| 34212 | LI Computer Systems (YiCS) | LI | 1 | 20 |
| 34221 | LM Computer Systems | LM | 1 | 20 |
| 34229 | LC Object Oriented Programming | LC | 1 | 20 |
| 34231 | LM Network Security + Cryptography | LM | 1 | 20 |
| 34239 | LM Research Skills, Evaluation Methods, and Statistics | LM | 1 | 20 |
| 34244 | LM Designing and Managing Secure Systems | LM | 1 | 20 |
| 34253 | LI Functional Programming | LI | 1 | 20 |
| 34255 | LI Artificial Intelligence 2 | LI | 1 | 20 |
| 34257 | LI Software Engineering and Professional Practice | LI | 1 | 20 |
| 35324 | LC Mathematical and Logical Foundations of Computer Science | LC | 1 | 20 |
| 25021 | LM Advanced Robotics | LM | 2 | 20 |
| 25024 | LM Robot Vision | LM | 2 | 20 |
| 25689 | LM Mobile & Ubiquitous Computing (Extended) | LM | 2 | 20 |
| 26263 | LI Team Project | LI | 2 | 20 |
| 30175 | LC Data Structure & Algorithms | LM | 2 | 20 |
| 30195 | LI Security and Networks | LM | 2 | 20 |
| 30205 | LI Team Project AI | LM | 2 | 20 |
| 30208 | LH Teaching Computer Science in Schools | LM | 2 | 20 |
| 30213 | LH Computer Vision and Imaging | LH | 2 | 20 |
| 30235 | LM Teaching Computer Science in Schools (Extended) | LM | 2 | 20 |
| 30241 | LM Computer Vision and Imaging (Extended) | LM | 2 | 20 |
| 30244 | LM Intelligent Robotics (Extended) | LM | 2 | 20 |
| 32252 | LM Data Science Group Project | LM | 2 | 20 |
| 32254 | LM Visualisation | LM | 2 | 20 |
| 32256 | LM Current Topics in Data Science | LM | 2 | 20 |
| 32257 | LM Current Topics in Artificial Intelligence and Machine Learning | LM | 2 | 20 |
| 32920 | LF Elementary Computer Programming | LF | 2 | 10 |
| 34157 | LM Software Workshop 2 | LM | 2 | 20 |
| 34169 | LI Software Workshop 2 | LI | 2 | 20 |
| 34190 | LI Artificial Intelligence and Machine Learning | LI | 2 | 20 |
| 34233 | LM Forensics, Malware, and Penetration Testing | LM | 2 | 20 |
| 34238 | LC Artificial Intelligence 1 | LC | 2 | 20 |
| 34240 | LM Secure Software and Hardware Systems | LM | 2 | 20 |
| 34252 | LC Full Stack Application Development | LC | 2 | 20 |
| 34568 | LM Research Topics in HCI | LM | 2 | 20 |
| 35308 | LH Algorithms and Complexity | LH | 2 | 20 |
| 35326 | LM Algorithms and Complexity (Extended) | LM | 2 | 20 |
| 35393 | LC Theories of Computation | LC | 2 | 20 |
| 24635 | Introductory Computer Science | LF | Full Term | 20 |