**UTB Student Exchange Programme Modules**

**School of Computing and Informatics (SCI)**

\*The average Credit Value (CV) that the international students should

take must comply with their respective university CV's requirements.

**Semester 1: July – November 2019**

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| **Code** | **Module Title** | **CV** |
| CC1102 | Computational Mathematics | 10 |
| CC2221 | Digital Art and Design | 10 |
| CC2223 | Introduction to Audio-Visual Production | 10 |
| CC2211 | Creative Technology 1 | 20 |
| CC4253 | Virtual and Augmented Reality 1 | 20 |
| CC4216 | Artificial Intelligence for Games II | 20 |
| CC4263 | Digital Narrative | 20 |
| CC1102 | Computational Mathematics | 10 |
| CC2221 | Digital Art and Design | 10 |
| CC2223 | Introduction to Audio-Visual Production | 10 |
| CC2211 | Creative Technology 1 | 20 |
| CC4263 | Digital Narrative | 20 |
| CC4262 | Emotions Engineering | 20 |
| CC4243 | Animation I | 20 |
| CI1102 | Fundamentals of Information Systems | 10 |
| CI1103 | Programming I | 20 |
| CI2109 | Programming III | 10 |
| CI2110 | Database Systems Design and Implementation | 20 |
| CI2212 | Human Computer Interaction | 10 |
| CI3517 | Research Methods | 10 |
| CI4220 | IT Project Management | 10 |
| CI4221 | Web Development 2 | 20 |
| CI4222 | Interactive Content Production | 10 |
| CI4223 | Mobile Application Development | 20 |
| CI4231 | Distributed Database Systems | 20 |
| CI4220 | IT Project Management | 10 |
| CI4228 | Software Engineering | 20 |
| CI4230 | Information Systems Management | 10 |
| CI2110 | Database Systems Design and Implementation | 20 |
| CI2233 | Introductory Statistics | 10 |
| CI3517 | Research Methodology | 10 |
| CI4236 | Artificial Intelligence and Machine Learning | 20 |
| CI4237 | Big Data Analytics | 10 |
| CI2234 | Social Media and Sentiment Analysis | 10 |
| CI4223 | Mobile Application Development | 20 |
| CN2202 | **Data Computer Networking** | 20 |
| CN4243 | **Network Security Principles** | 20 |
| CN4244 | **Overview of Computer Security** | 20 |
| CN4245 | **Overview of Software Security** | 10 |
| CN4246 | **Cyber Security Attacks and Mechanisms** | 10 |
| CN2202 | Data Computer Networking | 20 |
| CN4204 | Advanced Networking I | 10 |
| CN4243 | Network Security Principles | 20 |
| CN4205 | Network Management | 10 |
| CN4208 | Optical Network | 20 |