**UTB Student Exchange Programme Modules**

**School of Applied Sciences and Mathematics (SASM)**

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

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

**Semester 2: January - May 2020**

1. **Applied Mathematics and Economics**

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| **Code** | **Module Title** | **CV** |
| SM1105 | Principles of Mathematical Economics | 20 |
| SM1106 | Linear Algebra | 10 |
| SM2204 | Optimization Techniques | 10 |
| SM2205 | Computational Mathematics II | 10 |
| SM2206 | Applied Econometrics | 10 |
| SM2207 | Advanced Microeconomics | 20 |
| SM3103 | Work Placement (6 Months) | 60 |

1. **Food Science and Technology**

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| **Code** | **Module Title** | **CV** |
| SF1107 | Introduction to Microbiology | 10 |
| SF1108 | Physics for Food Science and Technology | 10 |
| SF1501 | Research Methodology | 10 |
| SF1511 | Introductory Chemistry for Food Science and Technology | 10 |
| SF2212 | Food Product Development and Manufacturing | 10 |
| SF2206 | Industrial and Food Microbiology | 10 |
| SF2211 | Process Engineering Principles | 10 |
| SF2207 | Process Design and Operations | 10 |
| SF2216 | Integrated Food Systems | 10 |
| SF2217 | Food Safety | 10 |