

M.Sc. in Computing  
Course Short Code  
MCM  
Course Year  
1

Course Offering: 02

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## **M.Sc. in Computing, Year 1, Part-Time**

**\*\*\*\*IMPORTANT MESSAGE\*\*\*\***

**The purpose of this information sheet is to allow you view all modules connected to the Qualification, optional and core. You should print this sheet out and then continue to the next step where your registration will take place.**

**It is your responsibility to ensure that you register correctly**

**\*\*\*\*\***

**\*\*MAJORS WILL RUN SUBJECT TO DEMAND\*\***

You must Major in only one of the following 3 areas, you cannot change your choice of Major at a later stage:

1. The MSc in Computing (Major in Secure Software Engineering)
2. The MSc in Computing (Major in Artificial Intelligence)
3. The MSc in Computing (Major in Data Analytics)

### **MAJOR IN SECURE SOFTWARE ENGINEERING**

| <b>Major_Code</b> | <b>Major_Description</b>           | <b>Major Details</b>                            |
|-------------------|------------------------------------|---|
| <b>SUAB</b>       | <i>MCM-Secure Software<br/>Eng</i> | <i>MAJOR IN SECURE SOFTWARE<br/>ENGINEERING</i> |

### **Core Modules**

| <b>Module Code</b> | <b>Module Title</b>                         | <b>Module Credits</b> | <b>Semester</b>   |
|--------------------|---|-----------------------|-------------------|
| <i>CSC1131</i>     | <i>Professional &amp; Research Practice</i> | <i>7.5</i>            | <i>Semester 1</i> |

|         |                        |     |            |
|---------|------------------------|-----|------------|
| CSC1135 | Secure Programming     | 7.5 | Semester 1 |
| CSC1136 | Formal Programming     | 7.5 | Semester 2 |
| CSC1141 | Concurrent Programming | 7.5 | Semester 2 |

## MAJOR IN ARTIFICIAL INTELLIGENCE

### Major\_Code Major\_Description Major\_Details

**EYFV**      *MCM-Artificial Intel MAJOR IN ARTIFICIAL INTELLIGENCE*

### Core Modules

| Module Code | Module Title                           | Module Credits | Semester   |
|-------------|--|----------------|------------|
| CSC1131     | Professional & Research Practice       | 7.5            | Semester 1 |
| CSC1147     | Foundations of Artificial Intelligence | 7.5            | Semester 1 |
| CSC1144     | Data Analytics & Data Mining           | 7.5            | Semester 2 |
| CSC1145     | Machine Learning                       | 7.5            | Semester 2 |

## MAJOR IN DATA ANALYTICS

### Major\_Code Major\_Description Major\_Details

**ZHKB**      *MCM-Data Analytics MAJOR IN DATA ANALYTICS*

### Core Modules

| Module Code | Module Title                               | Module Credits | Semester   |
|-------------|--|----------------|------------|
| CSC1131     | Professional & Research Practice           | 7.5            | Semester 1 |
| CSC1143     | Data Management & Visualisation            | 7.5            | Semester 1 |
| CSC1139     | Mathematical Methods/Computational Science | 7.5            | Semester 2 |
| CSC1145     | Machine Learning                           | 7.5            | Semester 2 |

