

### 3.3 Bachelor of Technology (BTech) Computing

**Admission Intake:** The BTech Computing programmes have one intake in each Academic Year for Semester 1 in August.

All diploma holders admitted into the BTech Computing programmes will generally be granted a set of Advanced Placement Credits (APCs) automatically. Further credits will be considered for holders of certain ICT-related diplomas which have been accredited for admission. Additional credits can also be granted for the completion of relevant Advanced Diplomas and by opting to select and register to sit for Module Advanced Placement Credit Tests.

The structure and design of each of the BTech programmes in Computing are based on those of the corresponding four-year full-time Bachelor of Computing (BComp) programmes offered by the School of Computing. To qualify for a BTech degree in Computing, a student must take and pass a minimum of 160 MCs of modules, as tabulated below, and achieve a CAP of at least 2.00.

**Table: 160-MC BTech Computing curriculum structure**

<b>Minimum MCs required</b>	
<b>University Level Requirements</b>	
General Education (GE) Modules <sup>1</sup>	20
<b>Sub-total</b>	<b>20</b>
<b>Programme Requirements</b>	
Foundation & Major Requirements	104
<b>Sub-total</b>	<b>104</b>
<b>Unrestricted Elective Modules <sup>2</sup></b>	<b>36</b>
<b>Grand-total</b>	<b>160</b>

Notes:

<sup>1</sup> A limited selection of GE modules (from the wide range available in the University) which can best meet the interests and professional needs of BTech students, will be offered specially in the evenings. The list of modules will be available in the SCALE website in due course.

<sup>2</sup>20 MCs of UEMs will normally be given as Advanced Placement Credits to holders of diploma or higher qualifications. UEMs enable students to pursue their interests without any restrictions. Students may select any module at any level from among Technical or GE modules to meet this requirement.

**Stage Promotion:** Students will be deemed to have progressed to the next stage of study if they have obtained at least the number of MCs, including exemptions, as stated below:

To move to Stage 2 (Year 2): 32 MCs

To move to Stage 3 (Year 3): 64 MCs

To move to Stage 4 (Year 4): 108 MCs

### ***Degree Requirements & Recommended Study Schedule***

3.3.1 [Bachelor of Technology \(Business Analytics\)](#)

3.3.2 [Bachelor of Technology \(Cybersecurity\)](#)

3.3.3 [Bachelor of Technology \(Software Engineering\)](#)