

Programme Requirements for Bachelor of Computing with Honours in Internet Technology, Bachelor of Computing, and Associate of Science in Information Technology

This 3-credit-unit system programme requirements document is applicable to students admitted in
2023 Autumn term and thereafter.

1. Entry Requirement

- 1.1 To enter the **Bachelor of Computing with Honours in Internet Technology** programme through Pathway 1 or the **Bachelor of Computing** programme through Pathway 1, a student shall normally possess a recognized Associate Degree or Higher Diploma in Computing or closely related disciplines.

2. Programme Requirement – Bachelor of Computing with Honours in Internet Technology (BCITH)

- 2.1 To be eligible for the award of the degree of Bachelor of Computing with Honours in Internet Technology, a student shall:
 - 2.1.1 obtain 120 credit-units as prescribed below, of which no more than 30 credit-units shall be at 1000-level, and at least 24 credit-units shall be at 3000-level and 24 credit-units at 4000-level:
 - 2.1.1.1 18 credit-units from courses labelled FD in Table 1;
 - 2.1.1.2 42 credit-units from courses labelled CM and CD in Table 1;
 - 2.1.1.3 36 credit-units from course labelled EM and EL in Table 1;
 - 2.1.1.4 9 credit-units from any undergraduate courses offered by the University at 1000-level or above with no more than 3 credit-units at 1000-level;
 - 2.1.1.5 6 credit-units of University English courses labelled UEC in Table 1;
 - 2.1.1.6 9 credit-units of University Core courses labelled UCC in Table 1;
 - and
 - 2.1.2 attain the CGPA for graduation as prescribed in the Regulations for the Award of Undergraduate Degrees.

3. Programme Requirement – Bachelor of Computing with Honours in Internet Technology (through Pathway 1) (BCITH1)

- 3.1 To be eligible for the award of the degree of Bachelor of Computing with Honours in Internet Technology through Pathway 1, a student shall:
 - 3.1.1 obtain 63 credit-units as prescribed below, of which at least 24 credit-units shall be at 3000-level and 24 credit-units at 4000-level:
 - 3.1.1.1 30 credit-units from courses labelled CM and CD in Table 1, of which 24 credit-units must be at 3000/4000-level;

- 3.1.1.2 24 credit-units from courses labelled EL at 3000/4000-level in Table 1;
- 3.1.1.3 9 credit-units of University Core courses labelled UCC in Table 1;

and

- 3.1.2 attain the CGPA for graduation as prescribed in the Regulations for the Award of Undergraduate Degrees.

4. Programme Requirement – Bachelor of Computing (BCOMPU)

- 4.1 To be eligible for the award of the degree of Bachelor of Computing, a student shall:

- 4.1.1 obtain 90 credit-units as prescribed below, of which no more than 30 credit-units shall be at 1000-level, and at least 24 credit-units shall be at 3000-level and/or 4000-level:

- 4.1.1.1 18 credit-units from courses labelled FD in Table 1;
- 4.1.1.2 42 credit-units from courses labelled CM and CD in Table 1;
- 4.1.1.3 12 credit-units from course labelled EM or EL in Table 1;
- 4.1.1.4 3 credit-units from any undergraduate courses offered by the University at 1000-level or above;
- 4.1.1.5 6 credit-units of University English courses labelled UEC in Table 1;
- 4.1.1.6 9 credit-units of University Core courses labelled UCC in Table 1;

and

- 4.1.2 attain the CGPA for graduation as prescribed in the Regulations for the Award of Undergraduate Degrees.

5. Programme Requirement – Bachelor of Computing (through Pathway 1) (BCOMPU1)

- 5.1 To be eligible for the award of the degree of Bachelor of Computing with Honours in Internet Technology through Pathway 1, a student shall:

- 5.1.1 obtain 33 credit-units as prescribed below, of which at least 24 credit-units shall be at least 3000-level and/or 4000-level:

- 5.1.1.1 18 credit-units from courses labelled CM and CD at 3000/4000-level in Table 1;
- 5.1.1.2 6 credit-units from courses labelled EL at 3000/4000-level in Table 1;
- 5.1.1.3 9 credit-units of University Core courses labelled UCC in Table 1;

and

- 5.1.2 attain the CGPA for graduation as prescribed in the Regulations for the Award of Undergraduate Degrees.

6. Programme Requirement – Associate of Science in Information Technology (ASCIIT)

- 6.1 To be eligible for the award of the Associate of Science in Information Technology, a student shall:

- 6.1.1 obtain 60 credit-units as prescribed below, of which at least 30 credit-units shall be at least 2000-level and/or 3000-level:

- 6.1.1.1 18 credit-units from courses labelled FD in Table 1;
- 6.1.1.2 36 credit-units from courses labelled CM and EM in Table 1;
- 6.1.1.3 6 credit-units of University Core courses labelled UCC in Table 1;

and

- 6.1.2 attain the CGPA for graduation as prescribed in the Regulations for the Award of Undergraduate Degrees.

Table 1

Course Code	Course Title	Credit-units	Course label
IT 1010SED	Introduction to Information and Communications Technology	6	FD
IT 1230SED	Introduction to Internet Services and Applications	6	FD
MATH 1210SED	A Foundation in Pure Mathematics	6	FD
COMP 2010SED	Computing Fundamentals with Java	6	CM
COMP 2580SED	Computer Programming and Problem Solving	6	CM
COMP 2600SED	Computer Architecture and Operating Systems	6	CM
COMP 3590SED	Relational Databases: Theory and Practice	6	CM
COMP 3630SED	Discrete Structures	6	CM
COMP 3110SED	Advanced Java Programming and Mobile Application Development	6	CD
COMP 4560SED	Software Engineering and Project Management	6	CD
IT 2340SED	Web Site Design	6	EM
COMP 2120SED	Network Programming and Design	6	EM
COMP 4500SED	Applied Computing Project	6	EL
COMP 4680SED	Networks and Distributed Systems	6	EL
COMP 4910SED	Machine Learning and Applications	6	EL
ELEC 3320SED	Computer Networks	6	EL
University Core Courses			
UNI 1001ABW	University Core Values	2	UCC
UNI 1011ABW	Social Responsibilities	1	UCC
UNI 2001BEW	Effective Communication and Teamwork	3	UCC
UNI 3001BEW	Entrepreneurial Mindset and Leadership for Sustainability	3	UCC
University English Courses			
ENGL 1101AED	University English: Reading and Writing	3	UEC
ENGL 1202EED	University English: Listening and Speaking	3	UEC

May 2023