APPROVED

Awards
Honours Bachelor Degree

Mode of Delivery:	Full Time, ACCS	**No. of Semesters :**	7
NFQ Level:	8		
Programme Credits:	240		
Language of Instruction:	English		
Department:	Built Environment		

Semester Schedules

Stage 1 / Semester 1

Elective Regulation

All modules are mandatory. The following modules require that students participate in class work, practical work and project work and students must achieve a minimum of 50% in these elements of continuous assessment in order to have satisfied the module learning outcomes: SURV H1501, SCIE H1111, SCIE H1112, ENGR H1508, ENGR H2511, SURV H2504.

Mandatory	
Module Code	**Module Title**
SURV H2504	Quantity Surveying and Estimat
TECH H1519	Civil Engineering Technology
MATH H2507	Advanced Mathematics I
SCIE C1504	Engineering Chemistry
ENGR H1508	Material Science
ENGR H2511	Soils Mechanics
SURV H1501	Surveying and Setting Out I
DRAW H1510	Engineering Drawing

Stage 2 / Semester 1

Elective Regulation

All modules are mandatory. The following modules require that students participate in class work, practical work and project work and students must achieve a minimum of 50% in these elements of continuous assessment in order to have satisfied the module learning outcomes: ENGR H4504, ENGR H4505. The final award mark for a student graduating with a BEng (Honours) in Civil Engineering will be calculated by taking 25% of year 3 GPA & 75% of year 4 GPA.

Mandatory	
Module Code	**Module Title**
MATH H3504	Advanced Mathematics II
SURV H2501	Surveying and Setting Out II
MGMT H3507	Civil Eng Economics & Mgmt
STRU H2502	Structures I
ENGR H3503	Geotechnical Engineering I
ENGR H3504	Earthworks Analysis

Stage 3 / Semester 1

Elective Regulation

All subjects are mandatory. 75% of the results for this final stage of the programme will goes towards the overall result for the Award.

Mandatory	
Module Code	**Module Title**
ANAL H4501	Structural Analysis I
DSGN H4501	Structural Design I
ENGR C3502	Engineering Geology II
ENGR H4503	Highway & Traffic Eng 1
ENGR H4504	Environmental Engineering I
ENGR H4505	Hydraulics I
MATH H4501	Advanced Mathematics III

Stage 4 / Semester 1

Mandatory	
Module Code	**Module Title**
ANAL H5501	Structural Analysis II
DSGN H5501	Structural Design II
ENGR H5502	Geotechnical Engineering II
ENGR H5503	Highway & Traffic Eng II
ENGR H5504	Engineer in Society
ENGR H5505	Environmental Engineering II
ENGR H5506	Hydraulics II
MATH H5502	Advanced Mathematics IV
PROJ H5503	Dissertation
WKPL H4505	Work Placement