BE (HONS) - CK600

Overview

NFQ Level 8, Major Award

From 2018/19 students enter First Year Engineering and complete a common programme of study. In Second Year students enter separate programmes leading to degrees in Civil, Structural and Environmental Engineering, Electrical and Electronic Engineering, Energy Engineering and Process and Chemical Engineering.

Note: Students who entered Third Year of the BE (Hons) prior to 2018/19 will continue to Fourth Year of the BE (Hons). Students entering Third Year from 2018/19 may at the end of Third Year register for the BE (Hons) / ME Pathway. Students who choose not /are not eligible to register for the BE (Hons) / ME Pathway will continue to Fourth Year of the BE (Hons).

First Year - Engineering

To be admitted to the First University Examination in Engineering, a student must have satisfactorily attended, subsequent to admission to the programme, prescribed modules to the value of **60** credits.

Entry to Second Year

On successful completion of First Year - Engineering (CK600) students enter Second Engineering and proceed to a BE (Hons) Degree in one of: Civil, Structural and Environmental (https://ucc-ie-public.courseleaf.com/programmes/becse/); Electrical and Electronic (https://ucc-ie-public.courseleaf.com/programmes/beel/); Energy (https://ucc-ie-public.courseleaf.com/programmes/benrg/); or Process and Chemical (https://ucc-ie-public.courseleaf.com/programmes/bep/).

The quotas for entry to the various degree programmes in Second Engineering are:

- Civil, Structural and Environmental: 40
- Electrical and Electronic: 40
- Energy: 40
- Process and Chemical: 40

Entry to each degree programme at the start of Second Engineering will be subject to selection by the School of Engineering and Architecture. All students are guaranteed entry to one of their first two choices of Engineering programme. In filling the quotas, preference will be given to those students passing the First University Examination in Engineering at the Summer Examination in the first year of registration for the First University Examination in Engineering, in order of merit of the overall aggregate mark for the year. Remaining places will be filled in order of merit, without distinction as to when the examination was completed.

Programme Requirements

For information about modules, module choice, options and credit weightings, please go to Programme Requirements (p. 1).

Programme Requirements

Code	Title	Credits
Year 1		
Students take **60** credits as follows:		
Core Modules		
CE1003	Introduction to Structural and Civil Engineering	5
CE1005	Engineering Computation and Problem Solving	5
CM1001	Chemistry for Engineers	5
EE1007	Introduction to Electrical and Electronic Engineering	5
MA1011	Mathematical Methods I	5
MA1012	Mathematical Methods II	5
ME1002	Engineering Thermodynamics	5
NE1001	Introduction to Energy Engineering	5
PE1003	Introduction to Process and Chemical Engineering	5
PY1006	Physics for Engineers II	5
PY1012	Physics for Engineers 1	10
Year 2		
Select one of the following pathways:		
BE (Hons) (Civil, Structural and Environmental) (https://ucc-ie-public.courseleaf.com/programmes/becse/)		
BE (Hons) (Electrical and Electronic) (https://ucc-ie-public.courseleaf.com/programmes/beel/)		
BE (Hons) (Energy) (https://ucc-ie-public.courseleaf.com/programmes/benrg/)		
BE (Hons) (Process and Chemical) (https://ucc-ie-public.courseleaf.com/programmes/bep/)		
Total Credits		**60**

Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules*.