3.1 Bachelor of Engineering Programme

The Faculty of Engineering offers the following full-time four-year undergraduate programmes leading to the Bachelor of Engineering (Honours) degree:

- Bachelor of Engineering (Biomedical Engineering)
- Bachelor of Engineering (Chemical Engineering)
- Bachelor of Engineering (Civil Engineering)
- Bachelor of Engineering (Computer Engineering)
- Bachelor of Engineering (Electrical Engineering)
- Bachelor of Engineering (Engineering Science)
- Bachelor of Engineering (Environmental Engineering)
- Bachelor of Engineering (Industrial & Systems Engineering)
- Bachelor of Engineering (Materials Science & Engineering)
- Bachelor of Engineering (Mechanical Engineering)

At the point of admission, applicants to the Faculty of Engineering will be able to select a specific engineering programme that they wish to pursue. Alternatively, they can opt for admission to a first-year common engineering programme and decide on a specific engineering programme after one year of study except for BEng (Engineering Science) which has a different programme structure and curriculum (see section 3.2.6). In all cases, admission and streaming after one year in the common engineering programme will be based on merit. Students who are admitted directly into an engineering programme can opt for a transfer of programme in accordance with the prevailing university guidelines.

The Faculty provides engineering students with a number of exciting opportunities through an array of major and minor programmes (see section 3.3) and a host of enhancement programmes (see section 3.4) that aim at broadening their educational scope. The underlying philosophy of the enhancement programmes is to provide engineering students with the opportunities to participate and experience the many facets of industry and business in the global marketplace — from R&D, design, manufacturing, and intellectual property generation and protection, to starting a new technology-based business.

Details about the part-time engineering degrees offered by the Faculty are found in section 4 and btech.eng.nus.edu.sg.

3.1.1 Overview of the Engineering Curriculum

3.1.2 General Degree Requirements

3.1.3 Other Academic Matters

3.1.4 Common Engineering
3.1.5 Global Engineering Programme

3.1.6 Innovation & Design Programme