Welcome to B.Eng Engineering @ HWU
B.Eng Engineering

• A 1 year flexible programme which enables transfer into other degree programmes
• Small intake of c.20 (HW admits 400 students to its Engineering programmes each year)
• Unlike other degree programmes, it is not associated with a specific Engineering department
• BEng Engineering students are admitted as students of School of Engineering and Physical Sciences.
B.Eng Engineering

- One Year programme offering
  - Flexibility
  - Choice
  - The chance to change course

- You can transfer to and from the programme and change of courses during the first weeks of both semesters.

- You can initially enrol for 5 courses, follow each course for a few weeks, then withdraw from one.

- At end of 1st year transfer to 2nd year of chosen programme.
What can I study?
**Major Engineering Subjects:**

- Maths
- Chem Eng
- Elect Eng
- Physics
- Urban Studies
- Robotics

**Minor Engineering Subjects:**

- Mech Engineering
- Civil Engineering
- Computer Science
- Chemistry
- Built Environment
- Information Systems

**Some Possible Combinations:**

- Mechanical and Electrical Engineering
- Civil Eng (S1) then changing to Chem Eng (S2)
- Computer Science and Business Management
- Mech Eng and Psychology

- Business Management
- Economics
- Computer Programming
- Accountancy
- Foreign Language
- Critical Writing
  - (Physics)
  - (Chemistry)
Other Engineering Programmes

- 8 courses per year, 4 courses per semester.
- All have a maths component.
- Most have no optional or elective courses.
- Most have a design component.
- Most have a laboratory component.
How does it work?

• We start discussing options from August
• You and your Director of Studies chose 8 courses
• We check the timetable
• The Heads of School approve the programme
• You get a second “subject specialist” mentor
• You study the courses
• When you know precisely which degree you wish to pursue, you transfer.
How flexible is it?

• Very!

• You can change direction
  • Transfer from Civil to Chemical Engineering
  • Transfer from Computer Science to Economics
  • Transfer from Chem Eng to Chemistry to Physics

• You can combine subjects
  • Mechanical Engineering and Psychology
  • Mechanical Engineering, Programming, Maths and German
What do B.Eng Engineers study?

10 Years of Enrolments 2006-2017

Biology: 41  Mech Eng: 817
Chemistry: 61  Management: 115
Physics: 83  Civil Eng: 413
Elect Eng: 296  Maths: 350
Chem Eng: 180  Computing: 56
"I think I want to study Chemical Engineering, but I want to be able to change to another Engineering subject if I don’t like it”

“I want to combine Mechanical Engineering and Management for Semester 1 as I might decide to study for a Management degree instead of Engineering”
Any Questions?

Please get in touch - email

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