STEM@Leeds

Types of Engineering

Mechanical Engineering

- **Medical**
- **Automotive**
- **Aeronautical**
- **Product Design**

These areas solve important problems to improve quality of life by analysing, modelling, designing and manufacturing.

Computer Science

- **Systems**
- **Artificial Intelligence**
- **Graphic Interface**
- **Software**

The science of using computers to solve problems. This involves designing software (computer programs) and teamwork in research and solving problems.

Electrical & Electronic Engineering

- **Robotics**
- **Communications**
- **Networks**
- **Nanotechnology**

These areas involve the design, build and maintenance of control systems, machinery and equipment.

Chemical & Process Engineering

- **Process**
- **Materials**
- **Nuclear**
- **Food Process**

These areas are concerned with processes that convert raw-materials into more useful or valuable forms.

Civil Engineering

- **Structural**
- **Architectural**
- **Materials**
- **Environmental**

These areas look at the infrastructure of where we live, how comfortably we live and how we travel.

Schools & Colleges Resource

UNIVERSITY OF LEEDS