University of Birmingham

Undergraduate Engineering and Physical Sciences degree courses

Browse by subject area:

Chemical Engineering (/undergraduate/courses/eps.aspx#chemicalengineering)
Chemistry (/undergraduate/courses/eps.aspx#chemistry)
Civil Engineering (/undergraduate/courses/eps.aspx#civilengineering)
Computer Science (/undergraduate/courses/eps.aspx#computersci)
Electronic, Electrical and Systems Engineering (/undergraduate/courses/eps.aspx#eese)
Mathematics (/undergraduate/courses/eps.aspx#mathematics)
Mechanical Engineering (/undergraduate/courses/eps.aspx#mechanicaleng)
Metallurgy and Materials Engineering (/undergraduate/courses/eps.aspx#metmateng)
Physics and Astronomy (/undergraduate/courses/eps.aspx#physicsastronomy)

Chemical Engineering

- Chemical and Energy Engineering BEng (/undergraduate/courses/chemical-engineering/chemical-engineering-energy-beng.aspx)
- Chemical and Energy Engineering MEng (/undergraduate/courses/chemical-engineering/chemical-engineering-energy-meng.aspx)
- Chemical and Energy Engineering with Industrial Study BEng (/undergraduate/courses/chemical-engineering/chemical-engineering-energy-industry-beng.aspx)
- Chemical and Energy Engineering with Industrial Study MEng (/undergraduate/courses/chemical-engineering/chemical-engineering-energy-industrial-meng.aspx)
- Chemical Engineering (International Study) MEng (/undergraduate/courses/chemical-engineering/chemical-engineering-international-meng.aspx)
- Chemical Engineering BEng (/undergraduate/courses/chemical-engineering/chemical-engineering-beng.aspx)
- Chemical Engineering MEng (/undergraduate/courses/chemical-engineering/chemical-engineering-meng.aspx)
- Chemical Engineering with Business Management BEng (/undergraduate/courses/chemical-engineering/chemical-engineering-business-beng.aspx)
- Chemical Engineering with Business Management MEng (/undergraduate/courses/chemical-engineering/chemical-engineering-business-meng.aspx)
- Chemical Engineering with Business Management with Industrial Study BEng (/undergraduate/courses/chemical-engineering/chemical-engineering-business-industrial-beng.aspx)
- Chemical Engineering with Business Managementwith Industrial Study MEng (/undergraduate/courses/chemical-engineering/chemical-engineering-business-industrial-meng.aspx)
- Chemical Engineering with Foundation Year (/undergraduate/courses/fd/chemical-engineering-foundation.aspx)
- Chemical Engineering with Industrial Study BEng (/undergraduate/courses/chemical-engineering/chemical-engineering-industry-beng.aspx)
- Chemical Engineering with Industrial Study MEng (/undergraduate/courses/chemical-engineering/chemical-engineering-industry-meng.aspx)
- Chemical Engineering with International and Industrial Study MEng (/undergraduate/courses/chemical-engineering/chemical-engineering-industrial-international-meng.aspx)

Chemistry

- Chemistry BSc (/undergraduate/courses/chemistry/chemistry-bsc.aspx)
- Chemistry MSci (/undergraduate/courses/chemistry/chemistry-msci.aspx)
- Chemistry with a Modern Language BSc (/undergraduate/courses/chemistry/chemistry-language-bsc.aspx)
- Chemistry with a Modern Language MSci (/undergraduate/courses/chemistry/chemistry-language-msci.aspx)
- Chemistry with Business Management BSc (/undergraduate/courses/chemistry/chemistry-business-bsc.aspx)
- Chemistry with Business Management MSci (/undergraduate/courses/chemistry/chemistry-business-msci.aspx)
- Chemistry with Foundation Year (/undergraduate/courses/fd/chemistry-foundation.aspx)
- Chemistry with Industrial Experience MSci (/undergraduate/courses/chemistry/chemistry-industrial.aspx)
- Chemistry with Pharmacology BSc (/undergraduate/courses/chemistry/chemistry-pharmacology-bsc.aspx)
- Chemistry with Pharmacology MSci (/undergraduate/courses/chemistry/chemistry-pharmacology-msci.aspx)
- Chemistry with Study Abroad MSci (/undergraduate/courses/chemistry/chemistry-study-abroad-msci.aspx)

top (/undergraduate/courses/eps.aspx#top)

Civil Engineering

- Civil and Energy Engineering BEng (/undergraduate/courses/civil-engineering/civil-engineering-energy-beng.aspx)
- Civil and Energy Engineering MEng (/undergraduate/courses/civil-engineering/civil-engineering-energy-meng.aspx)
- Civil and Railway Engineering BEng (/undergraduate/courses/civil-engineering/civil-engineering-railway-beng.aspx)
- Civil and Railway Engineering MEng (/undergraduate/courses/civil-engineering/civil-engineering-railway-meng.aspx)
- Civil Engineering BEng (/undergraduate/courses/civil-engineering/civil-engineering-beng.aspx)
- Civil Engineering MEng (/undergraduate/courses/civil-engineering/civil-engineering-meng.aspx)
- Civil Engineering with Business Management BEng (/undergraduate/courses/civil-engineering/civil-engineering-business-beng.aspx)
- Civil Engineering with Business Management MEng (/undergraduate/courses/civil-engineering/civil-engineering-business-meng.aspx)
- Civil Engineering with Industrial Experience MEng (/undergraduate/courses/civil-engineering/civil-engineering-industry.aspx)
- Civil Engineering with Industrial Year MEng (/undergraduate/courses/civil-engineering/civil-engineering-industrial-meng.aspx)

- Civil Engineering with International Study MEng (/undergraduate/courses/civil-engineering/civil-engineering-international-meng.aspx)
- Engineering and Physical Sciences Foundation Year (/undergraduate/courses/fd/engineering-physical-sciences-foundation.aspx)

top (/undergraduate/courses/eps.aspx#top)

Computer Science

- Artificial Intelligence and Computer Science BSc (/undergraduate/courses/computer-science/artificial-intelligence-computer-science.aspx)
- Artificial Intelligence and Computer Science BSc with a year in industry (/undergraduate/courses/computer-science/artificial-intelligence-computer-science-industry.aspx)
- Computer Science BSc (/undergraduate/courses/computer-science/computer-science.aspx)
- Computer Science BSc with a year in industry (/undergraduate/courses/computer-science/computer-science-industry.aspx)
- Computer Science MSci (/undergraduate/courses/computer-science/computer-science-msci.aspx)
- Computer Science with an Industrial Year MSci (/undergraduate/courses/computer-science/computer-science-industry-msci.aspx)
- Computer Science with Business Management BSc (/undergraduate/courses/computer-science/computer-science-business.aspx)
- Computer Science with Business Management BSc with a year in industry (/undergraduate/courses/computer-science/computer-science-business-industry.aspx)
- Computer Science with Study Abroad BSc (/undergraduate/courses/computer-science/computer-science-international-bsc.aspx)
- Computer Science with Study Abroad MSci (/undergraduate/courses/computer-science/computer-science-international-msci.aspx)
- Computer Science/Software Engineering MEng (/undergraduate/courses/computer-science/computer-science-software-engineering.aspx)
- Computer Science/Software Engineering MEng with a year in industry (/undergraduate/courses/computer-science/computer-science-software-engineering-industry.aspx)
- Engineering and Physical Sciences Foundation Year (/undergraduate/courses/fd/engineering-physical-sciences-foundation.aspx)
- Mathematics and Computer Science BSc (/undergraduate/courses/maths/maths-computer-science.aspx)
- Mathematics and Computer Science MSci (/undergraduate/courses/maths/maths-computer-science-msci.aspx)
- Mathematics and Computer Science with Industrial Year BSc (/undergraduate/courses/maths/maths-computer-science-industrial.aspx)
- Mathematics and Computer Science with Industrial Year MSci (/undergraduate/courses/maths/maths-computer-science-industrial-msci.aspx)

top (/undergraduate/courses/eps.aspx#top)

Electronic, Electrical and Systems Engineering

- Computer Systems Engineering BEng (/undergraduate/courses/eese/computer-systems-engineering-beng.aspx)
- Computer Systems Engineering MEng (/undergraduate/courses/eese/computer-systems-engineering-meng.aspx)
- Computer Systems Engineering with Business Management BEng (/undergraduate/courses/eese/computer-systems-engineering-business.aspx)
- Computer Systems Engineering with Business Management MEng (/undergraduate/courses/eese/computer-systems-engineering-business-meng.aspx)
- Computer Systems Engineering with Business Management with Industrial Year BEng (/undergraduate/courses/eese/computer-systems-engineering-business-industry-beng.aspx)
- Computer Systems Engineering with Business Management with Industrial Year MEng (/undergraduate/courses/eese/computer-systems-engineering-business-industry-meng.aspx)
- Computer Systems Engineering with Industrial Year BEng (/undergraduate/courses/eese/computer-systems-engineering-industry.aspx)
- Computer Systems Engineering with Industrial Year MEng (/undergraduate/courses/eese/computer-systems-engineering-industry-meng.aspx)
- Electrical and Energy Engineering BEng (/undergraduate/courses/eese/electrical-energy-engineering-beng.aspx)
- Electrical and Energy Engineering MEng (/undergraduate/courses/eese/electrical-energy-engineering-meng.aspx)
- Electrical and Energy Engineering with Industrial Year BEng (/undergraduate/courses/eese/electrical-energy-engineering-industry-beng.aspx)
- Electrical and Energy Engineering with Industrial Year MEng (/undergraduate/courses/eese/electrical-energy-engineering-industry-meng.aspx)
- Electrical and Railway Engineering BEng (/undergraduate/courses/eese/electrical-railway-engineering-beng.aspx)
- Electrical and Railway Engineering MEng (/undergraduate/courses/eese/electrical-railway-engineering-meng.aspx)
- Electronic and Electrical Engineering BEng (/undergraduate/courses/eese/electronic-electrical-engineering.aspx)
- Electronic and Electrical Engineering MEng (/undergraduate/courses/eese/electronic-electrical-engineering-meng.aspx)
- Electronic and Electrical Engineering with Industrial Year BEng (/undergraduate/courses/eese/electronic-electrical-engineering-industry-beng.aspx)
- Electronic and Electrical Engineering with Industrial Year MEng (/undergraduate/courses/eese/electronic-electrical-engineering-industry-meng.aspx)
- Electronic Engineering with Business Management BEng (/undergraduate/courses/eese/electronic-engineering-business-beng.aspx)
- Electronic Engineering with Business Management MEng (/undergraduate/courses/eese/electronic-engineering-business-meng.aspx)
- Electronic Engineering with Business Management with Industrial Year BEng (/undergraduate/courses/eese/electronic-engineering-business-industry-beng.aspx)
- Electronic Engineering with Business Management with Industrial Year MEng (/undergraduate/courses/eese/electronic-engineering-business-industry-meng.aspx)
- Engineering and Physical Sciences Foundation Year (/undergraduate/courses/fd/engineering-physical-sciences-foundation.aspx)

top (/undergraduate/courses/eps.aspx#top)

Mathematics

- Engineering and Physical Sciences Foundation Year (/undergraduate/courses/fd/engineering-physical-sciences-foundation.aspx)
- Mathematics and Computer Science BSc (/undergraduate/courses/maths/maths-computer-science.aspx)
- Mathematics and Computer Science MSci (/undergraduate/courses/maths/maths-computer-science-msci.aspx)

- Mathematics and Computer Science with Industrial Year BSc (/undergraduate/courses/maths/maths-computer-science-industrial.aspx)
- Mathematics and Computer Science with Industrial Year MSci (/undergraduate/courses/maths/maths-computer-science-industrial-msci.aspx)
- Mathematics BSc (/undergraduate/courses/maths/mathematics.aspx)
- Mathematics MSci (/undergraduate/courses/maths/mathematics-MSci.aspx)
- Mathematics with Business Management BSc (/undergraduate/courses/maths/mathematics-business.aspx)
- Mathematics with Business Management MSci (/undergraduate/courses/maths/mathematics-business-msci.aspx)
- Mathematics with Study in Continental Europe BSc (/undergraduate/courses/maths/mathematics-europe.aspx)
- Theoretical Physics and Applied Mathematics BSc (/undergraduate/courses/physics/theoretical-physics-applied-maths.aspx)
- Theoretical Physics and Applied Mathematics MSci (/undergraduate/courses/physics/theoretical-physics-applied-maths-msci.aspx)

top (/undergraduate/courses/eps.aspx#top)

Mechanical Engineering

- Engineering and Physical Sciences Foundation Year (/undergraduate/courses/fd/engineering-physical-sciences-foundation.aspx)
- Mechanical and Materials Engineering BEng (/schools/metallurgy-materials/undergraduate-courses/courses/mechanical-materials-engineering-beng.aspx)
- Mechanical and Materials Engineering BEng (/undergraduate/courses/metallurgy-materials/mechanical-materials-engineering-beng.aspx)
- Mechanical and Materials Engineering MEng (/schools/metallurgy-materials/undergraduate-courses/courses/mechanical-materials-engineering-meng.aspx)
- Mechanical and Materials Engineering MEng (/undergraduate/courses/metallurgy-materials/mechanical-materials-engineering-meng.aspx)
- Mechanical Engineering (Automotive) BEng (/undergraduate/courses/mechanical-engineering/mechanical-engineering-automotive-beng.aspx)
- Mechanical Engineering (Automotive) MEng (/undergraduate/courses/mechanical-engineering/mechanical-engineering-automotive-meng.aspx)
- Mechanical Engineering BEng (/undergraduate/courses/mechanical-engineering/mechanical-engineering-beng.aspx)
- Mechanical Engineering MEng (/undergraduate/courses/mechanical-engineering/mechanical-engineering-meng.aspx)
- Mechanical Engineering with Industrial Year MEng (/undergraduate/courses/mechanical-engineering/mechanical-engineering-industrial-meng.aspx)

top (/undergraduate/courses/eps.aspx#top)

Metallurgy and Materials Engineering

- Engineering and Physical Sciences Foundation Year (/undergraduate/courses/fd/engineering-physical-sciences-foundation.aspx)
- Materials Engineering MEng (/undergraduate/courses/metallurgy-materials/materials-engineering-meng.aspx)
- Materials Engineering with Industrial Experience MEng (/undergraduate/courses/metallurgy-materials/materials-engineering-industrial-meng.aspx)
- Materials Science and Energy Engineering BEng (/undergraduate/courses/metallurgy-materials/materials-science-energy-beng.aspx)
- Materials Science and Energy Engineering MEng (/undergraduate/courses/metallurgy-materials/materials-science-energy-meng.aspx)
- Materials Science and Engineering with Business Management BEng (/undergraduate/courses/metallurgy-materials/materials-science-engineering-business-beng.aspx)
- Materials Science and Engineering with Business Management MEng (/undergraduate/courses/metallurgy-materials/materials-science-engineering-business-meng.aspx)
- Materials Science and Technology BEng (/undergraduate/courses/metallurgy-materials/materials-science-technology.aspx)
- Mechanical and Materials Engineering BEng (/undergraduate/courses/metallurgy-materials/mechanical-materials-engineering-beng.aspx)
- Mechanical and Materials Engineering MEng (/undergraduate/courses/metallurgy-materials/mechanical-materials-engineering-meng.aspx)
- Metallurgy BEng (/undergraduate/courses/metallurgy-materials/metallurgy-beng.aspx)
- Nuclear Engineering MEng (/undergraduate/courses/metallurgy-materials/nuclear-engineering-meng.aspx)
- Nuclear Science and Materials BSc (/undergraduate/courses/metallurgy-materials/nuclear-science-materials-bsc.aspx)
- Sports and Materials Science Joint Honours BSc (/undergraduate/courses/metallurgy-materials/sports-materials-science.aspx)

top (/undergraduate/courses/eps.aspx#top)

Physics and Astronomy

- Engineering and Physical Sciences Foundation Year (/undergraduate/courses/fd/engineering-physical-sciences-foundation.aspx)
- Nuclear Engineering MEng (/undergraduate/courses/metallurgy-materials/nuclear-engineering-meng.aspx)
- Nuclear Science and Materials BSc (/undergraduate/courses/metallurgy-materials/nuclear-science-materials-bsc.aspx)
- Physics (International Study) BSc (/undergraduate/courses/physics/physics-international-bsc.aspx)
- Physics (International Study) MSci (/undergraduate/courses/physics/physics-international-msci.aspx)
- Physics and Astrophysics (International Study) BSc (/undergraduate/courses/physics/physics-astrophysics-international-bsc.aspx)
- Physics and Astrophysics BSc (/undergraduate/courses/physics/physics-astrophysics-bsc.aspx)
- Physics and Astrophysics MSci (/undergraduate/courses/physics/physics-astrophysics-msci.aspx)
- Physics BSc (/undergraduate/courses/physics/physics-bsc.aspx)
- Physics MSci (/undergraduate/courses/physics/physics-msci.aspx)
- Physics with Particle Physics and Cosmology BSc (/undergraduate/courses/physics/physics-particle-cosmology-bsc.aspx)
- Physics with Particle Physics and Cosmology MSci (/undergraduate/courses/physics/physics-particle-cosmology-msci.aspx)
- Theoretical Physics and Applied Mathematics BSc (/undergraduate/courses/physics/theoretical-physics-applied-maths.aspx)
- Theoretical Physics and Applied Mathematics MSci (/undergraduate/courses/physics/theoretical-physics-applied-maths-msci.aspx)
- Theoretical Physics BSc (/undergraduate/courses/physics/theoretical-physics-bsc.aspx)

- **Theoretical Physics MSci (/undergraduate/courses/physics/theoretical-physics-msci.aspx)**

top (/undergraduate/courses/eps.aspx#top)

© University of Birmingham 2015