

## HNC/HND Qualifications for 2016 Entry

The College of Science and Engineering is pleased to accept a number of HNC/HND qualifications for entry to many of our undergraduate degree programmes.

We will consider direct entry into second or, in some cases, third year where specific content and grade requirements are achieved.

We have developed articulation routes from a number of science, engineering and IT HNQs to our degree programmes, and these are listed below.

The titles of the HNC and HND programmes are listed in bold, with the University of Edinburgh degrees listed below.

\*Please note these are our minimum entry requirements in order to be considered for these programmes\*

<b>HNC Applied Sciences</b>	
BSc Biological Sciences BSc Biological Sciences with Management BSc Biological Sciences (Biochemistry) BSc Biological Sciences (Biotechnology) BSc Biological Sciences (Cell Biology) BSc Biological Sciences (Development, Regeneration and Stem Cells) BSc Biological Sciences (Ecology) BSc Biological Sciences (Evolutionary Biology) BSc Biological Sciences (Genetics) BSc Biological Sciences (Immunology) BSc Biological Sciences (Molecular Biology) BSc Biological Sciences (Molecular Genetics) BSc Biological Sciences (Plant Science) BSc Biological Sciences (Zoology)	Year 1 entry is subject to achieving a grade A with a satisfactory academic reference and SQA Higher Biology at grade B or above. Dependent on prior learning additional courses may be required. No year 2 entry.
BSc Ecological and Environmental Sciences BSc Ecological and Environmental Sciences with Management	Year 1 entry is subject to achieving a grade B with a satisfactory academic reference. Year 2 entry is subject to achieving 120 SCQF credit points (15 HN credits), a grade A and a satisfactory academic reference.
BSc/MChem Chemistry* MChem Chemistry with Industrial Experience* MChem Chemistry with a Year Abroad* BSc/MChem Medicinal and Biological Chemistry* MChem Medicinal and Biological Chemistry with Industrial Experience* MChem Medicinal and Biological Chemistry with a Year Broad* BSc/MChem Chemistry with Materials Chemistry* MChem Chemistry with Materials Chemistry & Industrial Experience* MChem Chemistry with Materials Chemistry & a Year Abroad*	Year 1 entry is subject to achieving a grade A with a satisfactory academic reference. *subject to inclusion of Mathematics for Science 1, Fundamentals of Organic Chemistry, Fundamentals of Inorganic Chemistry, Fundamentals of Physical Chemistry. ** subject to inclusion of the above four units, plus Environmental Chemistry. Year 2 entry is subject to achieving 120 SCQF credit points (15 HN credits), a grade A and a satisfactory academic reference.

<p>BSc/MChemPhys Chemical Physics*</p> <p>BSc/MChemPhys Chemical Physics with Industrial Experience*</p> <p>BSc/MChemPhys Chemical Physics with a Year Abroad*</p> <p>BSc/MChem Chemistry with Environmental &amp; Sustainable Chemistry**</p> <p>MChem Chemistry with Environmental &amp; Sustainable Chemistry &amp; Industrial Experience**</p> <p>MChem Chemistry with Environmental &amp; Sustainable Chemistry &amp; a Year Abroad**</p>	
<p>BSc Geography</p> <p>MA Geography</p> <p>BSc Environmental Geosciences†</p> <p>BSc/MEarthSci Geology†</p> <p>BSc/MEarthSci Geology and Physical Geography†</p> <p>BSc/MEarthPhys Geophysics††</p> <p>BSc/MEarthPhys Geophysics and Meteorology††</p> <p>BSc/MEarthPhys Geophysics and Geology††</p>	<p>Year 1 entry is subject to achieving a grade A in graded unit and satisfactory academic reference.</p> <p>† Year 1 entry is subject to achieving a grade A in graded unit with a satisfactory academic reference. No year 2 entry.</p> <p>†† Year 1 entry is subject to achieving a grade A with a satisfactory academic reference plus Higher Maths at grade A. No year 2 entry.</p>

<b>HND Applied Sciences</b>	
<p>BSc Biological Sciences</p> <p>BSc Biological Sciences with Management*</p> <p>BSc Biological Sciences (Biochemistry)</p> <p>BSc Biological Sciences (Biotechnology)</p> <p>BSc Biological Sciences (Cell Biology)</p> <p>BSc Biological Sciences (Development, Regeneration and Stem Cells)</p> <p>BSc Biological Sciences (Ecology)</p> <p>BSc Biological Sciences (Evolutionary Biology)</p> <p>BSc Biological Sciences (Genetics)</p> <p>BSc Biological Sciences (Immunology)</p> <p>BSc Biological Sciences (Molecular Biology)</p> <p>BSc Biological Sciences (Molecular Genetics)</p> <p>BSc Biological Sciences (Plant Science)</p> <p>BSc Biological Sciences (Zoology)</p>	<p>Year 1 entry is subject to achieving grades BB in the graded units and a satisfactory academic reference and SQA Higher Biology at grade B or above.</p> <p>Year 2 entry is subject to achieving grades AA in the graded units plus Higher Biology (grade B minimum) and Higher Chemistry (grade B minimum) and a satisfactory academic reference. *Please note there is no year two entry for the BSc Biological Sciences with Management.</p>
<p>BSc Ecological and Environmental Sciences</p> <p>BSc Ecological and Environmental Sciences with Management</p> <p>BSc Environmental Geosciences*</p> <p>BSc/MEarthSci Geology*</p> <p>BSc/MEarthSci Geology and Physical Geography*</p> <p>BSc Geography*</p> <p>MA Geography*</p>	<p>Year 2 entry is subject to achieving grades BB in the graded units and a satisfactory academic reference.</p> <p>* Year 2 entry is subject to achieving grades AA in the graded units and a satisfactory academic reference.</p>
<p>BSc/MChem Chemistry</p> <p>MChem Chemistry with Industrial Experience</p> <p>MChem Chemistry with a Year Abroad</p>	<p>Year 2 entry is subject to achieving grades AA in the graded units, an excellent academic reference and subject to inclusion of all three</p>

<p>BSc/MChem Medicinal and Biological Chemistry*</p> <p>MChem Medicinal and Biological Chemistry with Industrial Experience*</p> <p>MChem Medicinal and Biological Chemistry with a Year Abroad*</p> <p>BSc/MChem Chemistry with Materials Chemistry</p> <p>MChem Chemistry with Materials Chemistry &amp; Industrial Experience</p> <p>MChem Chemistry with Materials Chemistry &amp; a Year Abroad</p> <p>BSc/MChemPhys Chemical Physics**</p> <p>BSc/MChemPhys Chemical Physics with Industrial Experience**</p> <p>BSc/MChemPhys Chemical Physics with a Year Abroad**</p> <p>BSc/MChem Chemistry with Environmental &amp; Sustainable Chemistry†</p> <p>MChem Chemistry with Environmental &amp; Sustainable Chemistry &amp; Industrial Experience†</p> <p>MChem Chemistry with Environmental &amp; Sustainable Chemistry &amp; a Year Abroad†</p>	<p>units in Sections B, C, D in the award and Mathematics for Science 2. All Chemistry taught components to be graded at A and all Maths components to be graded at B minimum. Year 3 entry will be considered on a case-by-case basis with an excellent academic reference and grades AA in the graded units and subject to inclusion of all three units in Sections B, C, D in the award and Mathematics for Science 2. All Chemistry taught components to be graded at A and all Maths components to be graded at A.</p> <p>* the units in Sections B, C, D, Mathematics in Science 2 and Medicinal Chemistry are required.</p> <p>** the units in Sections B, C, D, Mathematics in Science 2 and Physics 2 are required.</p> <p>† the units in Sections B, C, D, Mathematics in Science 2 and Environmental Chemistry are required.</p>
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<b>HND Applied Biological Sciences, HND Environmental Sciences, HND Biomedical Sciences and HND Biotechnology</b>	
<p>BSc Biological Sciences</p> <p>BSc Biological Sciences with Management*</p> <p>BSc Biological Sciences (Biochemistry)</p> <p>BSc Biological Sciences (Biotechnology)</p> <p>BSc Biological Sciences (Cell Biology)</p> <p>BSc Biological Sciences (Development, Regeneration and Stem Cells)</p> <p>BSc Biological Sciences (Ecology)</p> <p>BSc Biological Sciences (Evolutionary Biology)</p> <p>BSc Biological Sciences (Genetics)</p> <p>BSc Biological Sciences (Immunology)</p> <p>BSc Biological Sciences (Molecular Biology)</p> <p>BSc Biological Sciences (Molecular Genetics)</p> <p>BSc Biological Sciences (Plant Science)</p> <p>BSc Biological Sciences (Zoology)</p>	<p>Year 1 entry is subject to achieving grades BB in the graded units and a satisfactory academic reference and SQA Higher Biology at grade B or above.</p> <p>Year 2 entry is subject to achieving grades AA in the graded units plus Higher Biology (grade B minimum) and Higher Chemistry (grade B minimum) and a satisfactory reference.</p> <p>*Please note there is no year two entry for the BSc Biological Sciences with Management.</p>
<p>BSc Ecological and Environmental Sciences</p> <p>BSc Ecological and Environmental Sciences with Management</p> <p>BSc Geography</p> <p>MA Geography</p> <p>BSc Environmental Geosciences*</p> <p>BSc/MEarth Sci Geology*</p> <p>BSc/MEarthSci Geology and Physical Geography*</p>	<p>Year 2 entry is subject to achieving grades AA in the graded units and a satisfactory academic reference.</p> <p>* Year 2 entry is subject to achieving grades AA in the graded units and a satisfactory academic reference. No year 3 entry.</p> <p>Year 3 entry will be considered on a case-by-case basis with an excellent academic reference and grades AA in the graded units.</p>

<b>HND Applied Chemistry</b>	
BSc/MChem Chemistry MChem Chemistry with Industrial Experience MChem Chemistry with a Year Abroad~ BSc/MChem Medicinal and Biological Chemistry** MChem Medicinal and Biological Chemistry with Industrial Experience** MChem Medicinal and Biological Chemistry with a Year Abroad**~ BSc/MChem Chemistry with Materials Chemistry MChem Chemistry with Materials Chemistry & Industrial Experience MChem Chemistry with Materials Chemistry & a Year Abroad~ BSc/MChemPhys Chemical Physics† BSc/MChemPhys Chemical Physics with Industrial Experience† BSc/MChemPhys Chemical Physics with a Year Abroad†~ BSc/MChem Chemistry with Environmental & Sustainable Chemistry* MChem Chemistry with Environmental & Sustainable Chemistry & Industrial Experience* MChem Chemistry with Environmental & Sustainable Chemistry & a Year Abroad*~	Year 2 entry is subject to achieving grades A in the graded unit and a satisfactory academic reference and subject to inclusion of all three units in Sections B, C, D in the award and Mathematics for Science 2. Year 3 entry will be considered on a case-by-case basis with an excellent academic reference and grades A in the graded unit and subject to inclusion of all three units in Sections B, C, D in the award and Mathematics for Science 2. * the units in Sections B, C, D, Mathematics in Science 2 and Environmental Chemistry are required. ** the units in Sections B, C, D, Mathematics in Science 2 and Medicinal Chemistry are required. † the units in Sections B, C, D, Mathematics in Science 2 and Physics 2 are required. ~ Opportunities for study abroad currently include most European Countries, North America and Asia. Those hoping to study at universities in Europe will normally be required to select an appropriate language course as an option during the first two years of their degree for which an SQA Higher, GCE A level, or IB HL Grade 5 language entry qualification is necessary in addition to the above.

<b>HNC/HND Social Sciences</b>	
BSc Geography MA Geography	Year 1 entry is subject to achieving a grade A in graded unit and satisfactory academic reference. Year 2 entry is subject to achieving grades AA in graded units and satisfactory academic reference.

<b>HNC Civil Engineering</b>	
BEng Civil Engineering	Year 1 entry is subject to achieving a B in the graded unit, the option Mathematics for Construction Engineering, plus Higher Maths and Higher Physics at minimum BB and a satisfactory academic reference.

**HND Civil Engineering**

BEng Civil Engineering

Year 2 entry is subject to achieving a BB in the graded units, the option Mathematics for Construction Engineering, plus Advanced Higher Maths and Advanced Higher Physics at minimum BB and a satisfactory academic reference.

**HNC Electrical Engineering and HNC Electronics**

BEng Electronics

BEng Electronics and Electrical Engineering

BEng Electrical Engineering

BEng Electronics and Electrical Engineering with Management

BEng Electronics and Electrical Engineering (Communications)

Year 1 entry is subject to achieving the option Mathematics for Engineering 2, plus Higher Maths at minimum B and a satisfactory academic reference.

**HND Electrical Engineering and HND Electronics**

BEng Electronics

BEng Electronics and Electrical Engineering

BEng Electrical Engineering

BEng Electronics and Electrical Engineering with Management

BEng Electronics and Electrical Engineering (Communications)

Year 2 entry is subject to achieving the option Mathematics for Engineering 3, plus Advanced Higher Maths at minimum B and Higher Physics at B and a satisfactory academic reference.

**HNC Mechanical Engineering**

MEng / BEng Mechanical Engineering

MEng / BEng Mechanical Engineering with Management

MEng / BEng Mechanical Engineering with Renewable Energy

MEng / BEng Electrical and Mechanical Engineering

Year 1 entry is subject to achieving the option Mathematics for Engineering 2, plus Higher Maths and Higher Physics at BB and a satisfactory academic reference.

**HND Mechanical Engineering**

MEng / BEng Mechanical Engineering

MEng / BEng Mechanical Engineering with Management

MEng / BEng Mechanical Engineering with Renewable Energy

MEng / BEng Electrical and Mechanical Engineering

Year 2 entry is subject to achieving the option Mathematics for Engineering 3, plus Advanced Higher Maths and Advanced Higher Physics at BB and a satisfactory academic reference.

**HND Mechatronics**

MEng / BEng Mechanical Engineering  
MEng / BEng Mechanical Engineering with Management  
MEng / BEng Mechanical Engineering with Renewable Energy  
MEng / BEng Electrical and Mechanical Engineering  
BEng Electronics  
BEng Electronics and Electrical Engineering  
BEng Electrical Engineering  
BEng Electronics and Electrical Engineering with Management  
BEng Electronics and Electrical Engineering (Communications)

Year 2 entry is subject to achieving the option - Mathematics for Engineering 3 plus Advanced Higher Maths and Advanced Higher Physics at BB and a satisfactory academic reference.

**HNC/HND Computing**

BSc Artificial Intelligence  
BSc/BEng Computer Science  
BEng Software Engineering

Year 1 entry is subject to achieving a grade B in the HNC/D Computing, with a satisfactory academic reference, and SQA Higher Mathematics at grade A.

For HNC and HND programmes not listed above please contact the Admissions Office in the College of Science and Engineering - 0131 650 5737 or [sciengra@ed.ac.uk](mailto:sciengra@ed.ac.uk)

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