

## Foundation Science & Engineering – University of Sheffield entry requirements for 2010 entry

The table below shows the progression options available to students completing a Foundation programme in Science & Engineering at Sheffield International College. **Please note** some departments require you to have completed certain modules (see Module Requirements column in the table below). If you have not studied and completed the required modules at the required level, you will not be able to choose that particular course.

If you are considering changing your progression choice to one of these courses, please make sure you have read course information on line at [www.sheffield.ac.uk](http://www.sheffield.ac.uk) carefully before making your choice and complete Form A2 to inform the college of your wish to change.

Department / Course	S.I.C Course Average required	Module Requirements (if applicable)	English Requirement
<i>Department of Animal and Plant Sciences</i>			
MEnv Environmental Science	65%	At least 70% in FC018 Fundamentals of Science or FC022 Practical Chemistry or FC021 Physical Sciences	70% (min 60% in all elements)
BSc Environmental Science	55%	At least 60% in FC018 Fundamentals of Science or FC022 Practical Chemistry or FC021 Physical Sciences	70% (min 60% in all elements)
Mbiol Sci Biology	65%	A minimum of 70% in at least one subject module and at least 60% in FC026 Biological Science and FC022	70% (min 60% in all elements)
BSc Biology	60%	At least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
Mbiol Sci Biology with Conservation and Biodiversity	65%	A minimum of 70% in at least one subject module and at least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
BSc Biology with Conservation and Biodiversity	65%	A minimum of 70% in at least one subject module and at least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
MbiolSci Biology with Genomics	65%	A minimum of 70% in at least one subject module and at least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
BscBiology with Genomics	65%	A minimum of 70% in at least one subject module and at least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
MbiolSci Ecology	65%	A minimum of 70% in at least one subject module and at least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)

BSc Ecology	60%	At least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
MbiolSci Plant Sciences	65%	A minimum of 70% in at least one subject module and at least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
BscPlant Sciences	60%	At least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
MbiolSci Animal Behaviour	65%	A minimum of 70% in at least one subject module and at least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
BSc Animal Behaviour	65%	A minimum of 70% in at least one subject module and at least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
MbiolSci Zoology	65%	A minimum of 70% in at least one subject module and at least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
BSc Zoology	60%	At least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
<b><i>Department of Automatic Control and Systems Engineering</i></b>			
Progression to all degrees within the department	65%	A minimum of 60% in FC020 Applied Mathematics	65%
<b><i>Department of Biomedical Science</i></b>			
The following courses are not available within this department: BSc Neuroscience, BSc Physiology with Pharmacology, BSc Developmental and Cell Biology, BSc Functional Genomics and Stem Cell Science			
Progression to all degrees within the department	65%	A minimum of 70% in at least one subject module and at least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
<b><i>Department of Chemistry</i></b>			
MChem Chemistry	58%	At least 60% in FC023 Basic Engineering and FC022 Practical Chemistry	60%
BSc Chemistry	55%	At least 60% in FC023 Basic Engineering and FC022 Practical Chemistry	60%
MPhys Chemical Physics	60%	At least 60% in FC018 Fundamentals of Science, FC023 Basic Engineering and FC022 Practical Chemistry	60%
BSc Chemical Physics	58%	At least 60% in FC023 Basic Engineering and FC020 Applied	60%

		Mathematics or FC022 Practical Chemistry	
MChem Chemistry with Mathematics	60%	At least 60% in FC020, FC023 and FC022	60%
BSc Chemistry and Mathematics	58%	At least 60% in FC020 and FC023	60%
MChem Chemistry with Informatics	60%	At least 60% in FC023 Basic Engineering	60%
MChem Chemistry with Study in Industry	60%	At least 60% in FC023 Basic Engineering	60%
MChem Chemistry with Study in Japan	65%	At least 70% in FC023 Basic Engineering	60%
MChem Chemistry with Study in Europe	60%	At least 60% in FC023 Basic Engineering	60%
MChem Chemistry with Study in Australia	65%	At least 70% in FC023 Basic Engineering	60%
MChem Chemistry with Study in America	65%	At least 70% in FC023 Basic Engineering	60%
MChem Biological Chemistry	60%	At least 60% in FC023 Basic Engineering	60%

MChem Chemistry and Chemical Engineering	68%	At least 70% in FC023 Basic Engineering and FC020 Applied Mathematics	60%
MChem Chemistry with Enterprise Management	60%	At least 60% in FC023 Basic Engineering	60%
BSc Chemistry with Enterprise Management	58%	At least 60% in FC023 Basic Engineering	60%
<b><i>Department of Molecular Biology &amp; Biotechnology</i></b>			
Progression to all degrees within the department	65%	A minimum of 70% in at least one subject module and at least 60% in FC026 Biological Science and FC022 Practical Chemistry	70% (min 60% in all elements)
<b><i>Department of Physics and Astronomy</i></b>			
MPhys Physics	60%	A minimum of 70% in at least one subject module	60%
BSc Physics	60%	A minimum of 70% in at least one subject module	60%
MPhys Mathematics and Physics	60%	A minimum of 70% in at least one subject module	60%
BSc Mathematics and Physics	60%	A minimum of 70% in at least one subject module	60%
BSc Mathematics and Astronomy	60%	A minimum of 70% in at least one subject module	60%
MPhys Physics with Mathematics	60%	A minimum of 70% in at least one subject module	60%
BSc Physics with Mathematics	60%	A minimum of 70% in at least one subject module	60%
MPhys Physics with Computer Science	60%	A minimum of 70% in at least one subject module	60%
BSc Physics with Computer Science	60%	A minimum of 70% in at least one subject module	60%
MPhys Physics with Enterprise Management	60%	A minimum of 70% in at least one subject module	60%
BSc Physics with Enterprise Management	60%	A minimum of 70% in at least one subject module	60%
MPhys Physics with Medical Physics	60%	A minimum of 70% in at least one subject module	60%
BSc Physics with Medical Physics	60%	A minimum of 70% in at least one subject module	60%
MPhys Physics with Study in Australasia	60%	A minimum of 70% in at least one subject module	60%
MPhys Physics with Study in North America	60%	A minimum of 70% in at least one subject module	60%
MPhys Physics with Cosmology	60%	A minimum of 70% in at least one subject module	60%
BSc Physics with Cosmology	60%	A minimum of 70% in at least one subject module	60%

MMath Mathematics and Astronomy	60%	A minimum of 70% in at least one subject module	60%
MPhys Theoretical Physics	65%	At least 70% in FC021 Physical Sciences or FC020 Applied Mathematics	60%
BSc Theoretical Physics	65%	At least 70% in FC021 Physical Sciences or FC020 Applied Mathematics	60%
<b><i>Department of Computer Science</i></b>			
MComp Artificial Intelligence & Computer Science	65%	A minimum of 70% in at least one subject module and a minimum of 60% in FC020 Applied Mathematics	65%
BSc Artificial Intelligence and Computer Science	65%	A minimum of 60% in FC020 Applied Mathematics	65%
MComp Computer Science	65%	A minimum of 70% in at least one subject module and a minimum of 60% in FC020 Applied Mathematics	65%
BSc Computer Science	65%	A minimum of 60% in FC020 Applied Mathematics	65%
MComp Computer Science with Mathematics	65%	A minimum of 70% in at least one subject module and a minimum of 60% in FC017 & FC020	65%
BSc Computer Science and Mathematics	60%	A minimum of 70% in at least one subject module and a minimum of 60% in FC017 & FC020	65%
BEng Software Engineering	65%	A minimum of 70% in at least one subject module and a minimum of 60% in FC020 Applied Mathematics	65%
MEng Software Engineering	65%	A minimum of 70% in at least one subject module and a minimum of 60% in FC020 Applied Mathematics	65%
BSc Enterprise Computing	68%	A minimum of 60% in FC020 Applied Mathematics	65%
MComp Enterprise Computing	68%	A minimum of 70% in at least one subject module and a minimum of 60% in FC020 Applied Mathematics	65%
<b><i>Department of Mechanical Engineering</i></b>			
BEng Mechanical Engineering	65%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
MEng Mechanical Engineering	68%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
MEng Sports Engineering	68%	At least 70% in FC021 Physical Sciences and FC020 Applied	65%

		Mathematics	
MEng Motor Sports Engineering Management	68%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
MEng Mech Eng with Industrial Management	68%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
MEng Mech Eng with a year in North America	68%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
<b><i>Department of Aerospace Engineering</i></b>			
MEng Aerospace Engineering	68%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
BEng Aerospace Engineering	65%	At least 60% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
MEng Aerospace Engineering with Private Pilot Instruction	68%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
BEng Aerospace Engineering with Private Pilot Instruction	65%	At least 60% in FC021 Physical Sciences and FC020 Applied Mathematics	65%

<b><i>Department of Chemical and Process Engineering</i></b>			
MEng Chemical Engineering	60%	At least 60% in 2 of: FC023 Basic Engineering, FC020 Applied Mathematics and FC022 Practical Chemistry	60%
BEng Chemical Engineering	60%	At least 60% in 2 of: FC023 Basic Engineering, FC020 Applied Mathematics and FC022 Practical Chemistry	60%
BEng Chemical and Process Engineering	60%	At least 60% in 2 of: FC023 Basic Engineering, FC020 Applied Mathematics and FC022 Practical Chemistry	60%
MEng Chemical Engineering with Environmental Biotechnology	60%	At least 60% in 2 of: FC023 Basic Engineering, FC020 Applied Mathematics and FC022 Practical Chemistry	60%
MEng Chemical Engineering with Fuel Technology	60%	At least 60% in 2 of: FC023 Basic Engineering, FC020 Applied Mathematics and FC022 Practical Chemistry	60%
MEng Chemical Engineering with Computer Science	60%	At least 60% in 2 of: FC023 Basic Engineering, FC020 Applied Mathematics and FC022 Practical Chemistry	60%
MEng Chemical Engineering with Management	60%	At least 60% in 2 of: FC023 Basic Engineering, FC020 Applied Mathematics and FC022 Practical Chemistry	60%
MEng Chemical Engineering with Chemistry	68%	At least 70% in 2 of: FC023 Basic Engineering, FC020 Applied Mathematics and FC022 Practical Chemistry	60%
<b><i>Department of Civil and Structural Engineering</i></b>			
MEng Civil Engineering	68%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
BEng Civil Engineering	65%	At least 65% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
MEng Civil and Structural Engineering	68%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
MEng Civil Engineering with Business Management	68%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
MEng Structural Engineering with Architectural Studies	68%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
MEng Architectural Engineering Design	68%	At least 70% in FC021 Physical Sciences and FC020 Applied	65%





<b><i>Department of Electronic and Electrical Engineering</i></b>			
Progression to all degrees within the department	68%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics  <ul style="list-style-type: none"> <li>Full suite of degrees available at <a href="http://www.sheffield.ac.uk/prospectus/subjectDetails.do?subject=Electronic_and_Electrical_Engineering">http://www.sheffield.ac.uk/prospectus/subjectDetails.do?subject=Electronic_and_Electrical_Engineering</a></li> </ul>	65%
<b><i>Department of Engineering Materials</i></b>			
MEng Biomaterials Science and Tissue Engineering	65%	At least 70% in FC021 Physical Sciences	65%
BEng Biomaterials Science and Tissue Engineering	58%	At least 60% in fc021 Physical Sciences	65%
MEng Biomedical Engineering	65%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
BEng Biomedical Engineering (No direct entry - option to transfer to BEng at end of Y2)	65%	At least 70% in FC021 Physical Sciences and FC020 Applied Mathematics	65%
MEng Materials Science and Engineering	65%	At least 70% in FC021 Physical Sciences	65%
BEng Materials Science and Engineering	58%	At least 60% in FC021 Physical Sciences	65%
MEng Materials Science and Engineering with Industrial Mgt	65%	At least 70% in FC021 Physical Sciences	65%
BEng Materials Science and Engineering with Industrial Mgt	58%	At least 60% in FC021 Physical Sciences	65%
MEng Metallurgy	65%	At least 60% in FC021 Physical Sciences	65%

If you wish to be considered for another course which is different to your original choice, please complete Form P2 attached to this e-mail and return to Sheffield International College student services on [sic\\_admin@kaplan.com](mailto:sic_admin@kaplan.com) or +44 (0)114 222 7140.

**Updated June 2009, Richard Davies, Programme Leader**