

The University of Edinburgh
The College of Science and Engineering

USA entrance qualifications

Degrees in Biological Sciences	Requirements:
<p>Biological Sciences (BSc) C100</p> <p>Biological Sciences with Management (BSc) C1N1</p> <p>Biochemistry (BSc) C700</p> <p>Biotechnology (BSc) J700</p> <p>Cell Biology (BSc) C130</p> <p>Development, Regeneration & Stem Cells (BSc) C140</p> <p>Ecology (BSc) C180</p> <p>Evolutionary Biology (BSc) C182</p> <p>Genetics (BSc) C400</p> <p>Immunology (BSc) C550</p> <p>Molecular Biology (BSc) C720</p> <p>Molecular Genetics (BSc) C440</p> <p>Plant Science (BSc) C200</p> <p>Zoology (BSc) C300</p>	<p>ACT composite score of 27 plus SAT Subject Tests in Biology and Chemistry at 650 OR two APs in Biology and Chemistry at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus SAT Subject Tests in Biology and Chemistry at 650 OR two APs in Biology and Chemistry at 4.</p> <p>Three SAT Subject Tests at 650 to include Biology and Chemistry.</p> <p>Three APs at grade 4 to include Biology and Chemistry.</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p>
Degrees in Chemistry	Requirements:
<p>Chemistry (BSc/MChem) F100/F104</p> <p>Medicinal & Biological Chemistry (BSc/MChem) FC17/FC1R</p>	<p>ACT composite score of 27 plus SAT Subject Tests in Chemistry at 650 and AP Calculus* at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus SAT Subject Test in Chemistry at 650 plus AP Calculus* at 4.</p> <p>Two SAT Subject Tests at 650 to include Chemistry plus AP Calculus* at 4.</p>

	<p>Three APs at grade 4 to include Chemistry and Calculus*</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p> <p>*in lieu of AP Calculus at 4 we can accept a combination of SAT Subject Test in Maths 2 at 700 plus successful completion of the admissions test (see below).</p>
<p>Chemical Physics (BSc/ MChemPhys) F334/F333</p>	<p>ACT composite score of 27 plus SAT Subject Tests in Chemistry and Physics at 650 and AP Calculus* at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus SAT Subject Tests in Chemistry and Physics at 650 plus AP Calculus* at 4.</p> <p>Three AP's at grade 4 to include Chemistry, Physics and Calculus*</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p> <p>*in lieu of AP Calculus at 4 we can accept a combination of SAT Subject Test in Maths 2 at 700 plus successful completion of the admissions test (see below).</p>
<p>Degrees in Engineering</p>	<p>Requirements:</p>
<p>Engineering (BEng or MEng) H100</p> <p>Electrical & Mechanical Engineering (BEng/MEng) HH36/HHH6</p> <p>Civil Engineering (BEng/MEng) H200/H203</p> <p>Structural and Fire Safety Engineering (BEng/MEng) HH21/HHF1</p> <p>Structural Engineering with Architecture (BEng/MEng) H2K1/H2KC</p> <p>Mechanical Engineering (BEng/MEng) H300/H303</p>	<p>ACT composite score of 27 plus AP Calculus* at 4 and SAT Subject Test in Physics at 650/AP Physics at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus SAT Subject Test in Physics at 650/AP Physics at 4 and AP Calculus* at 4.</p> <p>Three APs at 4 to include Physics and Calculus*.</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p> <p>*in lieu of AP Calculus at 4 we can accept a combination of SAT Subject Test in Maths 2 at 700 plus successful completion of the admissions test (see below).</p>
<p>Electronics & Electrical Engineering (BEng/MEng) H600/H601</p> <p>Electronics & Computer Science (BEng/MEng) GH60/GHK6</p>	<p>ACT composite score of 27 plus AP Calculus at 4 and one other AP at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus one SAT Subject Test at 650 and AP Calculus* at 4.</p> <p>Three APs at 4 to include Calculus*.</p>

	<p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p> <p>*in lieu of AP Calculus at 4 we can accept a combination of SAT Subject Test in Maths 2 at 700 plus successful completion of the admissions test (see below).</p>
<p>Chemical Engineering (BEng/MEng) H800/H804</p>	<p>ACT composite score of 27 plus AP Calculus at 4 and AP Chemistry at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus SAT Subject Test in Chemistry at 650 and AP Calculus* at 4.</p> <p>Three APs at 4 to include Chemistry and Calculus*.</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p> <p>*in lieu of AP Calculus at 4 we can accept a combination of SAT Subject Test in Maths 2 at 700 plus successful completion of the admissions test (see below).</p>
<p>Degrees in Earth and Ecological Sciences</p>	<p>Requirements:</p>
<p>Environmental Geoscience (BSc) F630</p> <p>Geology (BSc/MEarthSci) F600/F640</p> <p>Geology & Physical Geography (BSc/MEarthSci) FF68/FF6V</p> <p>Ecological & Environmental Sciences (BSc) CF17</p> <p>Ecological & Environmental Sciences with Management (BSc) CN12</p> <p>Geography (BSc) F800</p>	<p>ACT composite score of 27 plus SAT Subject Tests in two of Biology, Chemistry, Maths and Physics at 650 OR two APs in two of Biology, Chemistry, Calculus and Physics.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus SAT Subject Tests in two of Biology, Chemistry, Maths and Physics at 650 OR two APs in two of Biology, Chemistry, Calculus and Physics.</p> <p>Three SAT Subject Tests at 650 to include two of Biology, Chemistry, Maths, Physics.</p> <p>Three APs at grade 4 to include two of Biology, Chemistry, Calculus and Physics.</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p>
<p>Degrees in Geophysics</p>	<p>Requirements:</p>
<p>Geophysics (BSc/MEarthPhys) F660/M7G6</p> <p>Geophysics with Professional Placement (MEarthPhys) U9H6</p> <p>Geophysics & Meteorology (BSc/MEarthPhys) FFP8/K7T8</p>	<p>ACT composite score of 27 plus SAT Subject Test in Physics at 650 and AP Calculus* at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus SAT Subject Test in Physics at 650 plus AP Calculus* at 4.</p>

<p>Geophysics & Meteorology with Professional Placement (MEarthPhys) K8T9</p> <p>Geophysics & Geology (BSc/MEarthPhys) F690/L3R7</p> <p>Geophysics & Geology with Professional Placement (MEarthPhys) L5T6</p>	<p>Three APs at grade 4 to include Physics and Calculus*.</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p> <p>*in lieu of AP Calculus at 4 we can accept a combination of SAT Subject Test in Maths 2 at 700 plus successful completion of the admissions test (see below).</p>
<p>Degrees in Geography</p>	<p>Requirements:</p>
<p>Geography (BSc) L800</p>	<p>ACT composite score of 27 plus two SAT Subject Tests at 650 or above or two APs at 4 to include two of Geography (preferred), Biology, Chemistry, Environmental Science, Mathematics, or Physics.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus two SAT Subject Tests at 650 or above OR two APs at 4 to include two of Geography (preferred), Biology, Chemistry, Environmental Science, Mathematics, or Physics.</p> <p>Three SAT Subject Tests at 650 to include two of Geography (preferred), Biology, Chemistry, Environmental Science, Mathematics, or Physics.</p> <p>Three APs at grade 4 to include two of Geography (preferred), Biology, Chemistry, Environmental Science, Mathematics, or Physics.</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25.</p>
<p>Geography (MA) L700</p> <p>Geography & Archaeology (MA) LV74</p> <p>Geography & Politics (MA) LL72</p> <p>Geography & Social Anthropology (MA) LL76</p> <p>Geography & Social Policy (MA) LL74</p> <p>Geography & Sociology (MA) LL73</p> <p>Geography and Economics (MA) LL71</p>	<p>ACT composite score of 27 plus two SAT Subject Tests at 650 or above or two APs at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus two SAT Subject Tests at 650 or above OR two APs at 4.</p> <p>Three SAT Subject Tests at 650.</p> <p>Three APs at grade 4.</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25.</p>

Degrees in Computer Sciences/Informatics	Requirements:
<p>Artificial Intelligence (BSc) G700</p> <p>Artificial Intelligence & Computer Science (BSc) GG47</p> <p>Cognitive Science (BSc) C859</p> <p>Computer Science (BSc/BEng) G400/G401</p> <p>Computer Science & Management Science (BSc) GN42</p> <p>Informatics (MInf) G500</p> <p>Software Engineering (BEng) G600</p> <p>Computer Science & Mathematics (BSc) GG14</p>	<p>ACT composite score of 27 plus AP Calculus* at 4 and one other AP subject at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus AP Calculus* at 4 and one other AP at 4.</p> <p>Three APs at 4 to include Calculus* .</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p> <p>*in lieu of AP Calculus at 4 we can accept a combination of SAT Subject Test in Maths 2 at 700 plus successful completion of the admissions test (see below).</p>
<p>Computer Science & Physics (BSc) GF43</p>	<p>ACT composite score of 27 plus AP Calculus* at 4 and AP Physics subject at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus AP Calculus* at 4 and AP Physics at 4.</p> <p>Three APs at 4 to include Calculus* and Physics.</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p> <p>*in lieu of AP Calculus at 4 we can accept a combination of SAT Subject Test in Maths 2 at 700 plus successful completion of the admissions test (see below).</p>
Degrees in Maths	Requirements:
<p>Applied Mathematics (BSc/MMath) G120/G121</p> <p>Mathematics (BSc) G100</p> <p>Mathematics & Statistics (BSc) GG13</p> <p>Mathematics with Management (BSc) G1N2</p> <p>MMath G101 Mathematics (MA) G102</p> <p>Mathematics & Business (BSc) GN11</p>	<p>ACT composite score of 27 plus AP Calculus* at 4 and one other AP subject at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus AP Calculus* at 4 and one other AP at 4.</p> <p>Three APs at 4 including Calculus*</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p> <p>*in lieu of AP Calculus at 4 we can accept a combination of SAT Subject Test in Maths 2 at 700 plus successful completion of the admissions test (see below).</p>

<p>Mathematics & Biology (BSc) B64Z</p>	<p>ACT composite score of 27 plus AP Calculus* at 4 and AP Biology at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus AP Calculus* at 4 and AP Biology at 4.</p> <p>Three APs at 4 including Calculus* and Biology.</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p> <p>*in lieu of AP Calculus at 4 we can accept a combination of SAT Subject Test in Maths 2 at 700 plus successful completion of the admissions test (see below).</p>
<p>Mathematics & Physics (BSc) GF13</p>	<p>ACT composite score of 27 plus AP Calculus* at 4 and AP Physics at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus AP Calculus* at 4 and AP Physics at 4.</p> <p>Three APs at 4 including Calculus* and Physics.</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p> <p>*in lieu of AP Calculus at 4 we can accept a combination of SAT Subject Test in Maths 2 at 700 plus successful completion of the admissions test (see below).</p>
<p>Degrees in Physics</p>	<p>Requirements:</p>
<p>Astrophysics (BSc/MPhys) F510/F361</p> <p>Computational Physics (BSc/MPhys) F343/F355</p> <p>Physics (BSc/MPhys) F300/F303</p> <p>Physics with a Year Abroad (MPhys) W2S4</p> <p>Physics with Meteorology (BSc/MPhys) F304/9W23</p> <p>Theoretical Physics (BSc/MPhys) F302/F306</p> <p>Mathematical Physics (BSc/MPhys) F326/F325</p>	<p>ACT composite score of 27 plus SAT Subject Test in Physics at 650/AP Physics at 4 and AP Calculus* at 4.</p> <p>SAT Reasoning Test with 1290 (650 required in Evidence-Based Reading and Writing and 620 required in Maths) plus SAT Subject Test in Physics at 650/AP Physics at 4 and AP Calculus* at 4.</p> <p>Three APs at 4 including Calculus* and Physics.</p> <p>Successful completion of one year of University in the USA with a GPA of 3.25 (subject requirements must be met).</p> <p>*in lieu of AP Calculus at 4 we can accept a combination of SAT Subject Test in Maths 2 at 700 plus successful completion of the admissions test (see below).</p>

English Language requirements

Please note that for all US nationals, we can accept SAT Reasoning Test with 1290 (650 minimum in Evidence-Based Reading and Writing, and 620 minimum in Math) **OR** ACT score

of 27 or above to meet our English Language requirements. If you do not have these Tests, you would be required to have one additional SAT Subject Test at 650 or AP at 4.

For information on the admissions test referred to in this document, please see;

<https://edin.ac/USAtest>