

# BIOLOGY (US)

## Cambridge International General Certificate of Secondary Education

Grade thresholds taken for Syllabus 0438 (Biology) (US) in the October/November 2013 examination.

	maximum mark available	minimum mark required for grade:			
		A	C	E	F
Component 11	40	36	26	19	17
Component 21	80		39	25	21
Component 31	80	41	27	15	10
Component 51	40	27	19	14	10

The threshold (minimum mark) for B is set halfway between those for Grades A and C. The threshold (minimum mark) for D is set halfway between those for Grades C and E. The threshold (minimum mark) for G is set as many marks below the F threshold as the E threshold is above it. Grade A\* does not exist at the level of an individual component.

The thresholds for the **syllabus** are determined first by adding together the thresholds for the components taken by the candidate. A reduction may be made at the higher grades depending on the correlation of the papers. If the maximum raw marks for the components are not in the weighting/relationship specified in the syllabus, a weighting is applied to arrive at the overall thresholds. The A\* threshold is calculated using the difference between A and B as a starting point.

The maximum total mark for this syllabus is **200**.

The overall thresholds for the different grades were set as follows.

Option	Combination of components	A*	A	B	C	D	E	F	G
AX	04, 11, 31	<b>159</b>	<b>139</b>	<b>119</b>	<b>100</b>	<b>83</b>	<b>66</b>	<b>53</b>	<b>40</b>
BX	11, 31, 51	<b>151</b>	<b>131</b>	<b>111</b>	<b>92</b>	<b>76</b>	<b>61</b>	<b>48</b>	<b>35</b>
DX	11, 31, 84	<b>159</b>	<b>139</b>	<b>119</b>	<b>100</b>	<b>82</b>	<b>65</b>	<b>53</b>	<b>41</b>
HX	11, 21, 84				<b>114</b>	<b>96</b>	<b>78</b>	<b>67</b>	<b>56</b>

Grade Thresholds are published for all Cambridge International AS/A Level and Cambridge IGCSE subjects where a corresponding mark scheme is available.