We have updated this syllabus. The latest syllabus is version 2, published August 2020.

<table>
<thead>
<tr>
<th>What has changed?</th>
<th>Detail</th>
</tr>
</thead>
</table>
| Changes to syllabus content | • Changes have been made to pages 21, 29, 32 and 35.  
Section 6 Syllabus content  
• LO 6.2.2: 'correspond to' has been added and 'stop signals' has been replaced with 'stop codons'.  
Section 12 Syllabus content  
• LO 12.1.1: 'those occurring in' has been added in front of 'DNA replication'.  
Section 13 Syllabus content  
• LO 13.1.10: 'stroma from the' has been added to the first line in the third bullet point.  
• LO 13.1.11: 'in a reaction' in the second bullet point has been changed to 'in reactions'.  
Section 15 Syllabus content  
• LO 15.1.10: the term 'transverse systems tubules' has been replaced with 'the T-tubule system'. |
| Changes to assessment (including changes to specimen papers) | • A change has been made to Paper 2, Mark scheme, Question 1(c). The formula now reads:  
e.g. actual diameter = \( \frac{\text{image length}}{\text{magnification}} \).  
• A change has been made to Paper 4, Mark scheme, Question 10, marking point 8. The mark scheme now reads:  
8 or RNA polymerase can now bind to promoter.  
• A change has been made to Paper 5, Mark scheme, Question 1(c) marking point 2. The mark scheme now reads:  
2 not supported, because some products will be dipeptides.  
• A change has been made to Paper 5, Mark scheme, Question 2(d)(ii). The term 'size of the two samples is fewer than 30' has been removed. |

We have updated the specimen materials for this syllabus.

Please check the updated syllabus and specimen papers for further information.

The syllabus has been updated. You are strongly advised to read the whole syllabus before planning your teaching programme.