

Syllabus changes between the November 2021 and March 2022 exam series

This document outlines differences in syllabus content between the November 2021 and March 2022 exam series. We have produced this guidance to support centres that are making entries for the first time in a March series because we know that some of our centres were unable to run the November 2021 exam series because of the Covid-19 pandemic.

Syllabus	Change for 2022?	Details of changes	Series-specific details	Syllabus covers
Cambridge IGCSE First Language English (0500)	No		No	2020 to 2022
Cambridge IGCSE Literature (English) (0475)	Yes	<p>Changes to syllabus content</p> <ul style="list-style-type: none"> 'The Planners' by Boey Kim Cheng has replaced 'The Farmhand' by James K Baxter in set texts for examination in 2022 – Paper 1 on page 9 of this syllabus. <p>Changes to syllabus content</p> <ul style="list-style-type: none"> The set texts have been changed for 2022. Please see section 3 of this syllabus for the set texts for 2022. 	No	2022
Cambridge IGCSE English as a Second Language (0510)	Yes	There are no significant changes which affect teaching.	No	2022 to 2023
Cambridge IGCSE Additional Mathematics (0606)	No		No	2020 to 2022
Cambridge IGCSE International Mathematics (0607)	No		No	2020 to 2022
Cambridge IGCSE Mathematics (0580)	No		No	2020 to 2022
Cambridge IGCSE Biology (0610)	Yes	There are no significant changes which affect teaching.	No	2022
Cambridge IGCSE Chemistry (0620)	Yes	There are no significant changes which affect teaching.	No	2022
Cambridge IGCSE Physics (0625)	Yes	There are no significant changes which affect teaching.	No	2022

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Syllabus	Change for 2022?	Details of changes	Series-specific details	Syllabus covers
Cambridge IGCSE Environmental Management (0680)	Yes	We have updated the look and feel of this document. The subject content remains the same. Minor changes to the wording of some sections have been made to improve clarity.	No	2022 to 2024
Cambridge IGCSE Combined Science (0653)	Yes	We have updated the look and feel of this document. The subject content remains the same. Minor changes to the wording of some sections have been made to improve clarity.	No	2022
Cambridge IGCSE Co-ordinated Science (0654)	Yes	We have updated the look and feel of this document. The subject content remains the same. Minor changes to the wording of some sections have been made to improve clarity.	No	2022
Cambridge IGCSE French – Foreign Language (0520)	Yes	<p>Changes to assessment (including changes to specimen papers)</p> <ul style="list-style-type: none"> We have updated information on Paper 1 Listening. The duration is now approximately 50 minutes, including six minutes' transfer time. Candidates will complete the question paper as they listen to the audio material. At the end of the test, they will be asked to transfer their responses onto the separate answer sheet. The numbering of the questions has changed. Question 15 has been split into five separate questions to make sure candidates can record one correct answer for each part of the task. We have updated the specimen paper, mark scheme, transcript and audio material to allow you to practise this with your students before the first exam. <p>Other changes</p> <ul style="list-style-type: none"> For Paper 1 Listening we have replaced the word 'CD' with 'audio material', to reflect the use of new technology. For further information on when the audio materials will be available and how to access them see the <i>Cambridge Handbook</i>: www.cambridgeinternational.org/eoguide 	No	2022 to 2024
Cambridge IGCSE Hindi as a Second Language (0549)	No		No	2020 to 2022

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Syllabus	Change for 2022?	Details of changes	Series-specific details	Syllabus covers
Cambridge IGCSE Spanish (0530)	Yes	<p>Changes to assessment (including changes to specimen papers)</p> <ul style="list-style-type: none"> We have updated information on Paper 1 Listening. The duration is now approximately 50 minutes, including six minutes' transfer time. Candidates will complete the question paper as they listen to the audio material. At the end of the test, they will be asked to transfer their responses onto the separate answer sheet. The numbering of the questions has changed. Question 15 has been split into five separate questions to make sure candidates can record one correct answer for each part of the task. We have updated the specimen paper, mark scheme, transcript and audio material to allow you to practise this with your students before the first exam. <p>Other changes</p> <ul style="list-style-type: none"> For Paper 1 Listening we have replaced the word 'CD' with 'audio material', to reflect the use of new technology. For further information on when the audio materials will be available and how to access them see the <i>Cambridge Handbook</i>: www.cambridgeinternational.org/eoguide 	No	2022 to 2024
Cambridge IGCSE Economics (0455)	No		No	2020 to 2022
Cambridge IGCSE Geography (0460)	No		No	2020 to 2022
Cambridge IGCSE Global Perspectives (0457)	Yes	There are no significant changes which affect teaching.	No	2022 to 2024
Cambridge IGCSE History (0470)	No		Yes, component 2 topics change for each series and year	2020 to 2022

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Syllabus	Change for 2022?	Details of changes	Series-specific details	Syllabus covers
Cambridge IGCSE Accounting (0452)	No		No	2020 to 2022
Cambridge IGCSE Business Studies (0450)	No		No	2020 to 2022
Cambridge IGCSE Information & Communication Technology (0417)	No		No	2020 to 2022
Cambridge IGCSE Computer Science (0478)	Yes	In 2022 we will not publish an annual technical update. There are no significant changes which affect teaching.	No	2022
Cambridge IGCSE Art & Design (0400)	No		No	2020 to 2022
Cambridge International AS Level English General Paper (8021)	Yes	There are no significant changes which affect teaching.	No	2022 to 2024
Cambridge International AS & A Level English Language (9093)	No		No	2021 to 2023
Cambridge International AS & A Level Literature in English (9695)	No		Set texts will change for each calendar year – refer to the syllabus document.	2021 to 2023
Cambridge International AS & A Level Mathematics (9709)	No		No	2020 to 2022

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Syllabus	Change for 2022?	Details of changes	Series-specific details	Syllabus covers
Cambridge International AS & A Level Biology (9700)	Yes	<p>From 2022, the A Level components will assume knowledge of the revised AS Level content. ~ All candidates should therefore be familiar with the AS Level content in this syllabus.</p> <p>Changes to syllabus content</p> <p>Changes to version 2 of the syllabus, published August 2020</p> <ul style="list-style-type: none"> Changes have been made to pages 21, 29, 32 and 35. <p>Section 6 syllabus content</p> <ul style="list-style-type: none"> LO 6.2.2: 'correspond to' has been added and 'stop signals' has been replaced with 'stop codons'. <p>Section 12 syllabus content</p> <ul style="list-style-type: none"> LO 12.1.1: 'those occurring in' has been added in front of 'DNA replication'. <p>Section 13 syllabus content</p> <ul style="list-style-type: none"> 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'. <p>Section 15 syllabus content</p> <ul style="list-style-type: none"> LO 15.1.10: the term 'transverse systems tubules' has been replaced with 'the T-tubule system'. <p>Changes to version 1 of the syllabus, published September 2019</p> <ul style="list-style-type: none"> The learner attributes have been updated. Small changes have been made to the key concepts to better reflect the overarching ideas that run throughout Biology. The wording in the learning outcomes has been updated to provide clarity as to what depth each topic should be taught. Although the wording will look different in many places, the content to teach remains largely the same. There has been a limited amount of change to topics: some topics have been removed and others added, and some content has moved from AS Level to A Level and vice versa; but the teaching time still falls within the recommended guided learning hours. The learning outcomes have been numbered, rather than listed by letters. The Practical section has been updated and further explanation has been provided. The Mathematical requirements have been updated. The list of command words has been updated. 	No	2022 to 2024

Syllabus changes between the November 2021 and March 2022 exam series continued

Syllabus	Change for 2022?	Details of changes	Series-specific details	Syllabus covers
Cambridge International AS & A Level Biology (9700) continued	Yes	<p>Changes to assessment (including changes to specimen papers)</p> <ul style="list-style-type: none"> The syllabus aims have been updated to improve the clarity of wording and the consistency between AS & A Level Biology, Chemistry and Physics. The wording of the assessment objectives (AOs) has been updated to ensure consistency across AS & A Level Biology, Chemistry and Physics. The assessment objectives still test the same knowledge and skills as previously. The weightings of the AOs are now given as an approximate weighting. Please see section 2 Syllabus overview for details. The duration of Paper 1 Multiple Choice has increased by 15 minutes. Section B has been removed from Paper 4 A Level Structured Questions. Candidates now answer all questions. <p>In addition to reading the syllabus, you should refer to the updated specimen papers. The specimen papers will help your students become familiar with exam requirements and command words in questions. The specimen mark schemes explain how students should answer questions to meet the assessment objectives.</p>	No	2022 to 2024

Syllabus changes between the November 2021 and March 2022 exam series continued

Syllabus	Change for 2022?	Details of changes	Series-specific details	Syllabus covers
Cambridge International AS & A Level Chemistry (9701)	Yes	<p>From 2022 the A Level components will assume knowledge of the revised AS Level content. All candidates should therefore be familiar with the AS Level content in this syllabus.</p> <p>Changes to version 3 of the syllabus, published June 2021</p> <p>Changes to syllabus content</p> <ul style="list-style-type: none"> On page 63 of the syllabus the description of the thiosulfate reaction on the quantitative analysis notes for Paper 3 has been updated <p>Changes to version 2 of the syllabus, published October 2020</p> <p>Changes to syllabus content</p> <ul style="list-style-type: none"> On Page 13 of the syllabus the first sentence now reads 'Candidates for Cambridge International AS Level should study topics 1–22'. On Page 20 of the syllabus 5.1.2 the formula now reads $\Delta H = -mc\Delta T/n$. On Page 25 of the syllabus 11.4 a superscript negative sign has been added to ClO. On page 26 of the syllabus the functional group for alkene now reads 'C=C bond' and the functional group for alcohol now reads 'hydroxyl'. On Page 26 of the syllabus the structural formula for aldehyde has been replaced. On pages 26, 27 and 42 of the syllabus the heading 'Class of compound' has been changed to 'Homologous series'. On Page 31 of the syllabus NaBH₄ and H₂(g)/Ni and heat have been removed from 16.1.1(e). Significant changes to the syllabus are indicated by black vertical lines either side of the text. Minor editorial corrections have been made on pages 15, 20, 29, 34, 35, 44, 45, 51, 73 and 82. <p>Changes to version 1 of the syllabus, published September 2019</p> <p>Changes to syllabus content</p> <ul style="list-style-type: none"> The learner attributes have been updated. Small changes have been made to the key concepts to better reflect the overarching ideas that run throughout chemistry. The structure of the subject content has changed so that the AS Level and A Level content is now split into separate sections. This makes the distinction between the AS Level and A Level content clearer. The wording in the learning outcomes has been updated to provide clarity on the depth to which each topic should be taught. Although the wording will look different in many places, the content to teach remains largely the same. 	No	2022 to 2024

Syllabus changes between the November 2021 and March 2022 exam series continued

Syllabus	Change for 2022?	Details of changes	Series-specific details	Syllabus covers
Cambridge International AS & A Level Chemistry (9701) continued	Yes	<p>Changes to version 1 of the syllabus, published September 2019 continued</p> <p>Changes to syllabus content continued</p> <ul style="list-style-type: none"> • There has been a limited amount of change to topics: some topics have been removed and others added, and some content has moved from AS Level to A Level and vice versa; but the teaching time still falls within the recommended guided learning hours. • The learning outcomes have been numbered, rather than listed by letters. • The Practical assessment section has been updated and further explanation has been provided. • The Mathematical requirements section has been updated. • The Data Booklet will no longer be provided with Papers 1, 2 and 4. Where data are required these will be provided in the question. All papers will contain a data table of commonly used constants and a Periodic Table. The syllabus includes a Data section. • The list of command words has been updated. Changes to assessment (including changes to specimen papers). • The syllabus aims have been updated to improve the clarity of wording and the consistency across AS & A Level Biology, Chemistry and Physics. • The wording of the assessment objectives (AOs) has been updated to ensure consistency across AS & A Level Biology, Chemistry and Physics. The assessment objectives test the same knowledge and skills as before. • The weightings of the AOs are now given as an approximate weighting. Please see Section 2 Syllabus overview for details. • Section B has been removed from Paper 1 Multiple Choice and replaced with the standard four-option multiple-choice questions. • The duration of Paper 1 Multiple Choice has increased by 15 minutes. <p>In addition to reading the syllabus, you should refer to the updated specimen papers. The specimen papers will help your students become familiar with exam requirements and command words in questions. The specimen mark schemes explain how students should answer questions to meet the assessment objectives.</p>	No	2022 to 2024

Syllabus changes between the November 2021 and March 2022 exam series continued

Syllabus	Change for 2021?	Details of changes	Series-specific details	Syllabus covers
Cambridge International AS & A Level Physics (9702)	Yes	<p>From 2022, the A Level components will assume knowledge of the revised AS Level content. All candidates should therefore be familiar with the AS Level content in this syllabus.</p> <p>Changes to version 2, published June 2020</p> <p>Changes to syllabus content</p> <ul style="list-style-type: none"> The wording in learning outcomes 3.1.6 and 4.1.1 has been updated. The meaning of these learning outcomes has not changed. The list of command words has been updated on page 34. The heading of 14.3 has been corrected to Specific Heat Capacity on page 24. <p>Changes to version 1, published September 2019</p> <p>Changes to syllabus content</p> <ul style="list-style-type: none"> The learner attributes have been updated. Small changes have been made to the key concepts to better reflect the overarching ideas that run throughout physics. The structure of the subject content has changed so that the AS Level and A Level content is now split into separate sections. This makes the distinction between the AS Level and A Level content clearer. The wording in the learning outcomes has been updated to provide clarity to what depth each topic should be taught. Although the wording will look different in many places, the content to teach remains largely the same. There has been a limited amount of change to topics: some topics have been removed and others added, and some content has moved from AS Level to A Level and vice versa; but the teaching time still falls within the recommended guided learning hours. Two topics 'Communication' and 'Electronics' have been removed from the A Level. A new topic 'Astronomy and cosmology' has been added to the A Level. The AS Level content on electric fields has been moved to the A Level. The sub-topics 'NMRI' and 'Band theory' have been removed from the A Level. The new sub-topics 'PET scanning' and 'Discharging a capacitor' have been added to the A Level. The new sub-topic 'Polarisation' has been added to the AS Level. Content on 'LDRs (light-dependent resistors)' and 'thermistors' has been moved from the A Level to the AS Level. 	No	2022 to 2024

Syllabus changes between the November 2021 and March 2022 exam series continued

Syllabus	Change for 2022?	Details of changes	Series-specific details	Syllabus covers
Cambridge International AS & A Level Physics (9702) continued	Yes	<p>Changes to version 1, published September 2019 continued</p> <p>Changes to syllabus content continued</p> <ul style="list-style-type: none"> • The topic 'Measurement techniques' is covered under practical skills. • The learning outcomes have been numbered, rather than listed by letters. • The Practical assessment section has been updated and further explanation has been provided. • The Mathematical requirements have been updated. • The Summary of key quantities, symbols and units section has been updated. • The Data and formulae have been updated. Separate formulae are provided for AS Level and A Level. • The Circuit symbols have been updated. • The list of command words has been updated. Changes to assessment (including changes to specimen papers). • The syllabus aims have been updated to improve the clarity of wording and the consistency between AS & A Level Biology, Chemistry and Physics. • The wording of the assessment objectives (AOs) has been updated to ensure consistency across AS & A Level Biology, Chemistry and Physics. The assessment objectives still test the same knowledge and skills as previously. • The weightings of the AOs are now given as an approximate weighting. Please see section 2 Syllabus overview for details. <p>In addition to reading the syllabus, you should refer to the updated specimen papers. The specimen papers will help your students become familiar with exam requirements and command words in questions. The specimen mark schemes explain how students should answer questions to meet the assessment objectives.</p>	No	2022 to 2024
Cambridge International AS & A Level Economics (9708)	Yes	There are no significant changes which affect teaching.	No	2022

Syllabus changes between the November 2021 and March 2022 exam series continued

Syllabus	Change for 2022?	Details of changes	Series-specific details	Syllabus covers
Cambridge International AS & A Level Global Perspectives & Research (9239)	Yes	<p>The latest syllabus is version 3, published November 2020. The Outline Proposal Form arrangements have been updated. Please see page 29 of the syllabus.</p> <p>Version 2, published August 2020 The carry forward arrangements of the AS coursework components have been updated. Please see page 12 of the syllabus. The section of Retakes has been updated accordingly. Please see page 40 of the syllabus.</p> <p>Version 1, published September 2019 There were no significant changes which affected teaching.</p>	No	2022
Cambridge International AS & A Level History (9489)	No		No	2021 to 2023
Cambridge International AS & A Level Psychology (9990)	No		No	2021 to 2023
Cambridge International AS & A Level Sociology (9699)	No		No	2021 to 2023
Cambridge International AS & A Level Accounting (9706)	Yes	There are no significant changes which affect teaching.	No	2022
Cambridge International AS & A Level Business (9609)	Yes	Page 9, section 1.2 Assessment, Weighting table, Paper 2 Data response, A Level is now 30%.	No	2022
Cambridge International AS & A Level Information Technology (9626)	Yes	<p>Changes to syllabus content</p> <ul style="list-style-type: none"> • In Section 8.3 on page 19 of the syllabus, rtf has been removed from Import and export data. • In Section 10.1 on page 21 of the syllabus, pivot table has been removed from Perform searches. • In Section 10.1 on page 21 of the syllabus, rtf has been removed from Import data. • In Section 11.1 on page 23 of the syllabus, crop has been removed from Edit a video clip to meet the requirements of its intended application and audience. • In Section 12.2 on page 25 of the syllabus, Data protection in Process of data mining has been changed to Data preparation. • A pseudocode guide will be published for this syllabus in September 2020, see page 5 of the syllabus. 		

Syllabus changes between the November 2021 and March 2022 exam series continued

Syllabus	Change for 2022?	Details of changes	Series-specific details	Syllabus covers
Cambridge International AS & A Level Information Technology (9626) continued	Yes	<p>Changes to syllabus content</p> <ul style="list-style-type: none"> The learner attributes have been updated. Small changes have been made to the key concepts to better reflect the overarching ideas that run throughout Information Technology. The subject content has been moved to a two column format. The format change has allowed us to restructure the subject content and include guidance designed to help teachers understand the scope of the topics. Changes to the content also take account of the definitions of the standard command words which have been included in the syllabus. The wording in the learning outcomes has been updated to provide clarity to what depth each topic should be taught and better support progression between IGCSE, AS Level and A Level. Although the wording will look different in many places, the content to teach remains largely the same. There has been a limited amount of change to topics: some topics have been removed and others added, and some content has moved from AS Level to A Level and vice versa; but the teaching time still falls within the recommended guided learning hours. The list of command words has been updated. <p>Changes to assessment (including changes to specimen papers)</p> <ul style="list-style-type: none"> The syllabus aims have been updated to improve the clarity of wording. The wording of the assessment objectives (AOs) has been updated to improve clarity. These changes do not affect the meaning or focus of the assessment objectives. We have reduced the number of marks on the theory and practical papers. 	No	2022 to 2024
Cambridge International AS & A Level Art & Design (9479)	Yes	There are no significant changes which affect teaching.	No	2022 to 2024
Cambridge International Project Qualification (9980)	No		No	2019 to 2022

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