

'A' Level Subject Combinations

The 'A' Level Curriculum

All students undertake the Singapore-Cambridge GCE 'A' Level Curriculum, offering 10 to 12 units of study including two Knowledge Skills subjects, Mother Tongue and four content-based subjects. Each Higher 2 (H2) subject carries 2 academic units. Higher 1 (H1) and Higher 3 (H3) subjects carry 1 unit each.

Knowledge Skills. All students offer General Paper (H1) or Knowledge and Inquiry (H2). In their first year, students must offer Project Work (H1).

Mother Tongue. Students must offer Mother Tongue (H1) unless they have obtained a minimum of D7 for Higher Mother Tongue at GCE 'O' Level.

Content-based Subjects. Students must offer four content-based subjects. These content-based subjects are grouped in three different areas: Languages, Humanities and the Arts, and Mathematics and Sciences.

Available Subject Combinations

Subject / Code	Science Stream																													
	S01	S02	S03	S04	S05	S06	S07	S08	S09	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	S20	S21	S22	S23	S24	S25	S26	S27	S28	S29	S30
Humanities & the Arts	Literature in English	✓	✓	✓																										
	CLL / MLL / TLL				✓	✓	✓																							
	History							✓	✓	✓																				
	Geography									✓	✓	✓																		
	Economics												✓	✓	✓															
	Art															✓	✓	✓												
	Music (MEP)																		✓	✓	✓									
	General Studies in Chinese (H1)																				✓	✓	✓							
	China Studies in Chinese																								✓	✓	✓			
	French / German / Japanese																											✓	✓	✓
Mathematics & Sciences	Mathematics	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Mathematics (H1)				✓				✓						✓						✓						✓			✓
	Further Mathematics			✓			✓			✓			✓			✓					✓				✓			✓		✓
	Chemistry	✓	✓		✓	✓		✓	✓		✓		✓	✓		✓		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
	Biology	✓			✓		✓			✓			✓			✓			✓		✓			✓		✓		✓		✓
	Physics		✓	✓		✓	✓		✓	✓		✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Knowledge Skills & Languages	General Paper (H1)	○	○	○	✓	✓	✓	✓	✓	✓	✓	✓	○	○	○	✓	✓	✓	✓	✓	✓	○	○	○	✓	✓	✓	✓	✓	✓
	Knowledge & Inquiry																													
	Project Work (H1)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Chinese Language (H1)																													
	Malay Language (H1)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Tamil Language (H1)																													
	Non-Tamil Indian Languages (H1)																													

		Arts Stream																																				
	Subject / Code	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	
Humanities & the Arts	Literature in English	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																								
	CLL / MLL / TLL							✓							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
	History	✓	✓	✓	✓	✓	✓	✓								✓	✓	✓	✓	✓	✓	✓							✓	✓	✓	✓						
	Geography								✓	✓	✓	✓	✓	✓	✓								✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Economics	✓							✓							✓							✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Art		✓							✓							✓						✓						✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Music (MEP)			✓							✓						✓							✓				✓						✓				
	General Studies in Chinese (H1)				✓							✓								✓						✓			✓						✓			
	China Studies in Chinese					✓								✓											✓					✓						✓		
French / German / Japanese						✓								✓						✓						✓					✓					✓		
Mathematics & Sciences	Mathematics	○	○	○	✓	○	○	○	○	○	○	✓	○	○	○	○	○	○	✓	○	○	○	○	○	○	✓	○	○	○	○	✓	○	○	○	○	✓	○	○
	Mathematics (H1)																																					
	Further Mathematics																																					
	Chemistry																																					
	Biology																																					
Knowledge Skills & Languages	Physics																																					
	General Paper (H1)	○	✓	✓	○	✓	✓	✓	○	✓	✓	○	✓	✓	✓	✓	✓	○	✓	✓	✓	✓	✓	✓	○	✓	✓	✓	✓	○	✓	✓	✓	✓	○	✓	✓	
	Knowledge & Inquiry																																					
	Project Work (H1)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Chinese Language (H1)																																					
	Malay Language (H1)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Tamil Language (H1)																																						
Non-Tamil Indian Languages (H1)																																						

- Choose one
○ Choose one if required

Note : All subjects listed in the table are at H2 level unless otherwise stated

Frequently Asked Questions

1. May I offer a hybrid combination? (i.e. 2 Mathematics/Science + 2 Humanities/Arts)

The 'A' Level curriculum is divided into the Arts and Science streams. In order to expose students to both Humanities and the Arts, and Mathematics and Sciences, the 'contrasting subject' was introduced in 2002. A student in the Arts stream will need to offer a contrasting subject from the Mathematics and Sciences, and vice versa.

The subject combinations offered by the college are carefully chosen to prepare students well for the widest range of university courses. When choosing their subject combinations, students should consider the university courses and careers that they want to pursue. As hybrid combinations may limit the choice of university courses that students can subsequently offer, the college generally does not encourage students to do so. In addition, a hybrid combination may not benefit the student in the university. For example, if a student with a hybrid combination subsequently enrolls in a science programme in the university, he/she would have less exposure to mathematics/science subjects than his/her course mates who have offered three 'A' Level subjects in the Mathematics and Sciences.

2. One of the subjects that I want to offer is not available in the list provided. What should I do?

The list of subjects offered by the college is comprehensive and the subject combinations available will provide students with the option to apply to most university courses. If a subject that you wish to offer is not available in the college, we would encourage you to consider whether that subject is indeed critical to the course of study that you intend to pursue, and whether an alternative subject would still meet your need and/or interest. If you still wish to offer this subject after careful consideration, then you may indicate your request to offer the subject in the college's survey. However, the decision to offer the subject will depend on students' overall demand.

3. Must I offer a subject at Year 4 before I can offer it at the 'A' Level?

The table below shows the pre-requisites to offer some of the H2 subjects. There are no pre-requisites for subjects that are not shown on the table. However, if a subject is over-subscribed, students will be selected based on academic merit.

Table of Pre-Requisites for Selected MOE Special Programmes and H2 Subjects

Biology / Chemistry / Physics	Only students who have achieved an overall mark of 50% or better for the subject are encouraged to offer it in JC1. Students who do not fulfil the pre-requisite or do not offer the subject at Year 3 and/or 4 may still offer it in JC1. However, they have to attend an intensive preparatory course at the beginning of JC1.
Further Mathematics	70% or better for the Year 4 Additional Mathematics end-of-year common examination and pass a selection test administered by the college.
Music / Music Elective Programme (MEP)	Pass a selection test and an audition administered by the college.
Art / Knowledge & Inquiry / Bicultural Studies Programme (Chinese) (BSP(C))*	Pass a selection test administered by the college.

* only for students who do not offer BSP(C) at Year 4