

ACADEMIC INFORMATION BOOKLET



© 6448 5011

victoria_jc@moe.edu.sg

O 20 Marine Vista Singapore 449035

G.C.E. Advanced Level Curriculum

A-Level subjects can be offered at Higher 1 (H1), Higher 2 (H2) or Higher 3 (H3) level. Students are required to offer a minimum of 3 H2 and 1 H1 content-based subjects in addition to General Paper, Mother Tongue Language and Project Work. This is equivalent to a subject combination of 10 academic units.

One of the content-based subjects must be a <u>contrasting subject</u>. A contrasting subject is a content-based subject taken outside a student's main area of specialisation. A Science student is required to offer a contrasting subject in Humanities or the Arts. An Arts student is required to offer Mathematics as a contrasting subject.

Students must offer a minimum of 10 academic units (AU) subject to a cap of 12 units.

H1 Subject	1 academic unit
H2 Subject	2 academic units
H3 Subject	1 academic unit

Number of units	GP + MTL + PW, with
10	3H2 + 1H1
11	4H2 or 3H2 + 1H1 + 1H3
12	4H2 + 1H3 or 3H2 + 1H1 + 2H3

Mother Tongue Language (MTL)

Students who have obtained a <u>D7 or better</u> in G.C.E. O-Level Higher Mother Tongue Language (HMTL) are not required to offer H1 MTL as they are deemed to have fulfilled the H1 MTL requirement. They are also considered to have taken one academic unit. This policy also applies to students who are exempted from offering H1 MTL.

Criteria for Admission to Local Autonomous Universities

Students will need to obtain at least 2 H2 passes and attempted General Paper in the same sitting for his/her Singapore-Cambridge GCE A-Level Examinations, with a minimum of 'S' grade in Mother Tongue Language and a Pass in PW.

The universities select applicants largely based on their University Admission Score which is calculated based on the following:

University Admission Score (UAS) = GP + 3 H2 (+ 1 H1* + H1 MTL*)

Maximum of 70 Rank Points

*Fourth content-based subject and MTL will only be included if it improves UAS.

H1 or H2 G	rade	A-Level Points			
		H2	H1		
	Α	20	10		
	В	17.5	8.75		
Pass	С	15	7.5		
Grades	D	12.5	6.25		
	E	10	5		
Sub-Pass	S	5	2.5		
Ungraded	U	0	0		

The fourth content-based subject refers to the student's H1 subject (in the case of a student offering three H2 and one H1 subject) or their lowest scoring H2 subject in the GCE A-Level examinations (in the case of a student offering four H2 subjects).

The total score with the fourth content-based subject and H1 MTL will be included and rebased to 70 rank points only if it improves the UAS.

Students who sat for HMTL at O-level can submit the HMTL subject grade in lieu of the H1 MTL subject grade in their university application. Universities will re-base their scores and take the better of the two scores – with and without MTL.

Some courses at the university have subject-prerequisites that students need to offer at A-Level, in order to qualify for that particular course of study. These considerations will have an impact on the subject combinations taken at the junior college level. We strongly encourage you to explore the universities' websites and their subject-prerequisites.

In addition to UAS, university faculties may require students to meet additional criteria such as interviews, portfolios, personal statements, and reasoning/aptitude tests, among others. Since 2020, MOE has further expanded **aptitude-based admission**, which relies less on academic grades as a starting point when assessing students and more on other yardsticks of merit, so that a fuller range of an individual's aptitude and attributes can be taken into account. The universities use **aptitude-based admissions** to identify students who possess the relevant skills, competencies, and passion to do well in their courses.

At VJC, a wide array of CCA, Leadership and Community involvement opportunities can be found, to help students build an aptitude-based portfolio which they could present as part of their aptitude-based admission to local universities.

We offer opportunities to connect directly with the 6 public autonomous institutes of higher learning through education fairs, workshops, and sharing sessions. We also work closely and directly with overseas universities from USA, UK, Japan, Canada, Hong Kong, Australia and others to help our students achieve their aspirations for further study abroad.

Subjects Offered in VJC

Discipline	Subject	Н1	H2	Assumed Knowledge / Remarks
Knowledge	General Paper	*		
skills	Project Work			
	Mother Tongue Language (Chinese, Malay, Tamil)			Need not offer if student has obtained grade D7 or better in O-Level HMTL; MTL is not a contrasting subject
	Chinese Language & Literature (CLL)		*	H2 CLL is a contrasting subject for Science
Languages	Tamil Language & Literature (TLL)		*	H2 TLL is a contrasting subject for Science
	French	*	*	Taught at MOE Language Centre;
	German Japanese Spanish		*	H2 can be used as a contrasting
			*	subject for Science but H1 is not a contrasting subject for either
			*	stream (see notes on Foreign Languages ¹)
	Biology	*	*	Students should have the requisite
	Chemistry Physics Computing		*	knowledge to offer the subject at
Sciences			*	A-Level and to cope with the demands of the A-level curriculum
sciences			*	No prior knowledge is necessary. A selection test will be conducted for students keen to offer Computing.
Mathematics	Mathematics		*	Students should have the requisite knowledge to offer the subject at A-Level and to cope with the demands of the A-level curriculum
	Further Mathematics (FM)		*	H2 Further Mathematics is to be taken with H2 Mathematics. A selection test will be conducted for students keen to offer FM.

-

¹ Foreign languages are taught at the Ministry of Education Language Centre (MOELC). Students studying at the MOELC in Secondary 4 and are admitted to a Junior College or Millennia Institute are eligible to register for the H1 and H2 French/German/Japanese/Spanish language classes at MOELC. Note that may be counted as a H1 content-based subject for students offering it as a third language, but not for students taking the subject in lieu of an MTL. Registration is via the MOELC website at https://www.moelc.moe.edu.sg/jc-registration/ as soon as the posting results are out.

Discipline	Subject	Н1	H2	Assumed Knowledge / Remarks
	Art		*	No prior knowledge is necessary. A selection test will be conducted for students keen to offer Art.
	Economics	*	*	
	Geography	*	*	
	History		*	
Humanities &	English Literature	*	*	
the Arts	Theatre Studies & Drama (TSD)		*	No prior knowledge is necessary. A selection test will be conducted for students keen to offer TSD.
	China Studies in English (CSE)		*	Students should have the requisite skills and knowledge to offer the subject at A-Level and to cope with the demands of the A-level curriculum

Science	ce C	omb	ina	tion	S		_								
Cauraa	44.4	СН	ВІ	PH	СР	FM		C	Contra	sting S	ubjec	ts for S	Scienc	:е	
Course	MA	Сп	DI	гп	Cr	F/W	EC	GE	HI	LIT	ART	CLL	TLL	TSD	CSE
1	*	*	*				*								
2	*	*	*					*							
3	*	*	*						H2						
4	*	*	*							*					
5	*	*	*								H2				
6	*	*	*									H2			
7	*	*	*										H2		
8	*	*	*											H2	
9	*	*	*												H2
10	*	*		*			*								
11	*	*		*				*							
12	*	*		*					H2						
13	*	*		*						*					
14	*	*		*							H2				
15	*	*		*								H2			
16	*	*		*									H2		
17	*	*		*										H2	
18	*	*		*											H2
19	*			*			*	*							
20	*			*			*		H2						
21	*			*			*			*					
22	*			*			*				H2				
23	*			*			*					H2			
24	*			*			*						H2		
25	*			*			*							H2	
26	*			*			*								H2
27	*			*	H2		*								
28	*			*		H2	*								
29	*	*					*	*							
30	*	*					*		H2						
31	*	*					*			*					
32	*	*					*				H2				
33	*	*					*					H2			
34	*	*					*						H2		
35	*	*					*							H2	
36	*	*					*								H2
37	*	*			H2		*								
38	*		*				*	*							
39	*		*				*		H2						
40	*	1	*				*			*					

Arts Combinations

Math is the contrasting subject for Arts combinations. It can be offered at the H1 or H2 level.

ievei.										
Course	MA	LIT	HI	GE	EC	ART	TSD	CSE	CLL	TLL
1	*	*	H2		*					
2	*	*	H2			H2				
3	*	*	H2				H2			
4	*	*	H2					H2		
5	*	*	H2						H2	
6	*	*	H2							H2
7	*	*		*	*					
8	*	*		*		H2				
9	*	*		*			H2			
10	*	*		*				H2		
11	*	*		*					H2	
12	*	*		*						H2
13	*	*			*	H2				
14	*	*			*		H2			
15	*	*			*			H2		
16	*	*			*				H2	
17	*	*			*					H2
18	*		H2		*	H2				
19	*		H2		*		H2			
20	*		H2		*			H2		
21	*		H2		*				H2	
22	*		H2		*					H2
23	*			*	*	H2				
24	*			*	*		H2			
25	*			*	*			H2		
26	*			*	*				H2	
27	*			*	*					H2

Explanatory Notes

- 1. Subjects marked * in the above tables can be offered at either H1 or H2 level.
- 2. Art, Computing (CP), Chinese Language and Literature (CLL), China Studies in English (CSE), Further Math (FM), History, Tamil Language and Literature (TLL) and Theatre Studies and Drama (TSD) are offered at H2 level only.
- 3. There will be a selection test for students keen to offer Art, Computing, FM and TSD.
- 4. Students who are exempted from offering MTL cannot replace it with another subject.
- 5. If you cannot find a preferred subject combination, you may wish to contact Ms Evelyn Teoh, Year Head/JC1 at teoh.huihoon.evelyn@vjc.edu.sg to discuss further.

H3 Programmes and Subjects

Students who have done well in their JC1 examinations can apply to pursue subjects at H3 level. The H3 curriculum is designed to allow exceptionally strong students who have the ability to cope with a workload beyond the norm to pursue a subject or area for which they have the interest and aptitude.

The maximum number of H3 subjects allowed is 2. The total number of Academic Units offered by students cannot exceed 12.

Application to offer H3 subjects will start after the Promotional examination and lessons will start in JC2, except for H3 Science Research which will commence at the start of JC1. Application for H3 Science Research begins at the start of JC1.

List of H3 Subjects

Examining Authority	H3 Subject	Prerequisite Subjects
	Biology	H2 Biology
	Chemistry	H2 Chemistry
Camabridae	Physics	H2 Physics
Cambridge International	Mathematics	H2 Mathematics
Examinations	English Literature	H2 English Literature
(CIE)	History	H2 History
	Geography	H2 Geography
	Economics	H2 Economics
NUS	Geopolitics: War & Peace	H2 Geography or History
NTU	Semiconductor Physics & Devices	H2 Physics
SMU	Game Theory	H2 Economics

Frequently Asked Questions

1. How are bonus points computed?

Students with A1 to C6 in both their first languages (English and Higher Mother Tongue) enjoy 2 bonus points for all their choices.

Students who obtained an 'A' grade in CCA can enjoy 2 bonus points for all their choices. Those who obtained a 'B' or 'C' grade in CCA are given 1 bonus point for all their choices.

Students from Victoria School will be given 2 bonus points for affiliation ONLY IF they choose VJC as their first choice, or as their first and second choices.

Students are allowed a <u>maximum of 4 bonus points</u> in the computation of their net aggregate score.

2. When do I choose my subject combinations in VJC?

You will be briefed on the various subjects and given instructions on subject enrolment on the first day of school.

3. What are factors I should consider when choosing my Stream and my subject combination? Are there any prerequisites for any subjects?

We urge students to choose a subject combination based on their interests and strengths, as well as their preferred course of study at university.

Some courses offered in university have pre-requisites, and students are strongly encouraged to visit the university websites to find out more.

For more information on subjects offered in VJC, do check our website (https://victoriajc.moe.edu.sg/learn-like-a-victorian/academic-disciplines/).

You may also find out more from our teacher advisors. Please write to:

Dr. Wu Jiang, Head of Dept/Science at: wu.jiang@vjc.edu.sg

Ms. Fatma Osman, Head of Engagement & Partnerships: fatma.osman@vjc.edu.sg

Ms. Evelyn Teoh, Year Head: teoh.huihoon.evelyn@vjc.edu.sg

Ms. Valerie Tan, Subject Head ECG: tan.jiahui.valerie@vjc.edu.sg

4. Must I take Mother Tongue at VJC?

Students who did not take Higher Mother Tongue at O-Levels must take H1 MTL.

Students who have obtained at least D7 in the O-Level Higher Mother Tongue examination would have met the minimum requirement for University Admission.

However, students who wish to improve their MTL grade can continue to take Higher 1 MTL and sit for the exam at the end of JC1.

The H1 MTL grade can be included in the computation of UAS for admission to local universities and for admission to MTL-related courses if the applicant has done well in it. Please refer to the university websites for more information.

5. Where can I get more information about the subjects examined at GCE A-levels?

Singapore Examinations and Assessment Board (SEAB) provides comprehensive information on the subjects which are examined at GCE A-Levels. You may find out more from their website https://www.seab.gov.sg/gce-a-level/school-candidates/

6. Is CCA compulsory in JC?

CCAs are not compulsory. However, we urge students to take up at least one CCA so that they can have a balance of academic and non-academic activities. CCAs are a great platform to pursue your talent and interests, grow in many 21st century competencies, take on new challenges, and foster strong relationships with peers.

Fees (applicable for 2026)

	Singaporo	Singapore	International Students				
Fees	Singapore Citizens	Permanent Residents	ASEAN	Non-ASEAN			
School fees	\$6	\$760	\$1290	\$2540			
Miscellaneous fees (with 2 nd tier)	\$27						
Total fees	\$33	\$787	\$1317	\$2567			

Scholarships and Awards (MOE and External Organisations)

Applications are open after the release of the O-Level results.

Туре	Requirements	Benefits
MOE Pre-University Scholarship	Any A-Level course	\$750 per annum
Engineering and Tech Programme Scholarship	 Outstanding results in Mathematics and Sciences. Good CCA Record particularly in STEM areas. Must offer H2 Mathematics and H2 Physics/ H2 Computing/ H2 Further Mathematics. 	\$1000 per annum
Humanities Scholarship	 At least B3 in O-Level English. Must enrol in an A-Level Arts course with H2 Literature. 	\$1000 per annum
Language Elective Scholarship	 At least B3 in O-Level French, German, Japanese or Spanish. Offers A-Level H2 German, French, Japanese or Spanish. 	\$1000 per annum
Regional Studies Programme Scholarship	 At least B3 in O-Level Malay (Special Programme) or Bahasa Indonesia. Must offer H2 History. 	\$1000 per annum
A*STAR JC Science Award	 Outstanding academic performance in Science and Mathematics and a passion for research. Must enrol in an A-Level Science course. 	\$1000 per annum
CSIT Computing Scholarship	 H2 Computing students passionate about computing and technology. 	\$1000 per annum
DSTA JC Scholarship	 Excellent results in Science and Mathematics; Passion in Science and Technology. Must enrol in an A-Level Science course. 	\$1000 per annum

In addition, some scholarships offer additional opportunities such as overseas immersion programmes, research attachments, internships, exposure workshops etc. Do check the scholarship details on the MOE websites for more information.

Scholarships / Awards offered by VJC

Туре	Benefits
VJC Scholarship in Appreciation of Mrs Lee Phui Mun	\$1200 per annum
VJC Scholarship	\$1200 per annum
VJC Sports Excellence Award	\$1000 per annum
S.R. Nathan Old Victorians' Association (OVA) Scholarship	\$1000 per annum

For more information, please visit our College website: https://victoriajc.moe.edu.sg

