VICTORIA JUNIOR COLLEGE

Academic Information
2021

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	3 academic units

Number of units	GP + PW + MTL, 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 2-3 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.

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

University Admission Score (UAS) = GP + PW + 3 H2 + 1 H1
(Maximum of 90 Rank Points)

H1 or H2 Grade		A-Level Points	
		H2	H1
Pass Grades	A	20	10
	B	17.5	8.75
	C	15	7.5
	D	12.5	6.25
	E	10	5
Sub-Pass	S	5	2.5
Ungraded	U	0	0

The MTL grade can be included in the computation of UAS if the applicant has done well in it. The total score with MTL (out of 100 rank points) will then be re-based to be out of 90 rank points. The student's UAS will be the better of the two scores (ie. UAS without taking into consideration MTL vis-à-vis UAS taking into consideration the MTL score).

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 student subject combinations that they take on at the junior college level.

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. Local autonomous universities may also admit up to 15% of their students under Aptitude Based Admissions.

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.

In Singapore, there are 7 public autonomous institutes of higher learning, and more information about what they offer can be found below.

National University of Singapore (NUS)	**Nanyang Technological University (NTU)**	**Singapore Management University (SMU)**	**Singapore University of Technology and Design (SUTD)**

Yale-NUS College	**Singapore University of Social Sciences (SUSS)**	**Singapore Institute of Technology (SIT)**

We offer opportunities to connect directly with these local 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	H1	H2	Assumed Knowledge / Remarks
Knowledge skills	General Paper	*		
	Project Work	*		
Languages	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
	Tamil Language & Literature (TLL)		*	H2 TLL is a contrasting subject for Science
	French	*	*	Taught at MOE Language Centre; H1 is not a contrasting subject but H2 is a contrasting subject for Science (see notes on Foreign Languages[1])
	German	*	*	
	Japanese	*	*	
	Spanish		*	
Sciences	Biology	*	*	Students should have the requisite knowledge to offer the subject at A-Level and to cope with the demands of the A-level curriculum
	Chemistry	*	*	
	Physics	*	*	
	Computing		*	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.
Humanities & the Arts	Art		*	No prior knowledge is necessary. A selection test will be conducted for students keen to offer Art.
	Economics	*	*	
	Geography	*	*	
	History		*	
	English Literature	*	*	
	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)		*	No prior knowledge is necessary. A selection test will be conducted for students keen to offer CSE.

---

[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. Registration is via the MOELC website at https://www.moelc.moe.edu.sgas as soon as the posting results are out. A foreign language taken at H2 level is a contrasting subject for Science students.

Science Combinations

Course	MA	CH	BI	PH	CP	FM	EC	GE	HI	LIT	ART	CLL	TLL	TSD	CSE
							Contrasting Subjects for Science								

Course	MA	CH	BI	PH	CP	FM	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	*		*				*			*					

Arts Combinations

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

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 wishing to offer Art, Computing, CSE, 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, discuss with us.

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
Cambridge International Examinations (CIE)	Biology	H2 Biology
	Chemistry	H2 Chemistry
	Physics	H2 Physics
	Mathematics	H2 Mathematics
	English Literature	H2 English Literature
	History	H2 History
	Geography	H2 Geography
	Economics	H2 Economics
NUS	NUS-A*STAR-VJC Science Research @VJC	H2 Biology /Chemistry/ Physics/ Math (any 2)
	Geopolitics: War & Peace	H2 Geography or History
	Humanities & Social Science Research	Relevant H2 Humanities subject or Language
NTU	Semiconductor Physics & Devices	H2 Physics
	Molecular Biology	H2 Biology
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 maximum of 4 bonus points 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:

Ms Toh Chui Hoon, Head of Dept/Science at: toh.chuihoon@vjc.sg

Ms Goh Hui Hua, Head of Dept/Arts at: goh.huihua@vjc.sg

Mr Ivan Toh, Subject Head/Higher Education at: ivan.toh.chun.siong@vjc.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 will 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 at

https://www.seab.gov.sg/home/examinations/gce-a-level

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, take on new challenges, and foster strong relationships with peers.

Fees (applicable for 2021)

Fees	Singapore Citizens	Singapore Permanent Residents	International Students	
			ASEAN	Non-ASEAN
School fees	$6	$460	$1040	$1800
Miscellaneous fees (with 2nd tier)	$27	$27	$27	$27
Total fees	$33	$487	$1067	$1827

Scholarships and Awards (MOE and External Organisations)

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

Type	Requirements	Benefits
MOE Pre-University Scholarship	Any A-Level course	$750 per annum with remission of school fees
Humanities Scholarship	A-Level Arts course with H2 Literature	$1000 per annum with remission of school fees
Language Elective Scholarship	Offers A-Level H2 German, French or Japanese	$1000 per annum with remission of school fees
Regional Studies Programme Scholarship	B3 in O-Level Malay (Special Programme) or Bahasa Indonesia. Must take H2 History.	$1000 per annum with remission of school fees
A*STAR JC Science Award	A-Level Science course	$1000 per annum with remission of school fees
DSTA JC Scholarship	A-Level Science course	$1000 per annum
ST Engineering YEP Scholarship	A-Level Science course with H2 Physics	$1000 per annum

Scholarships / Awards offered by VJC

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

VICTORIA JUNIOR COLLEGE

Phone   :   6448 5011
Email   :   victoria_jc@moe.edu.sg
Address   :   20 Marine Vista Singapore 449035

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

Follow our latest news and happenings here:

f   livelikeavictorian

◎   victoriajc_official