

# HWA CHONG INSTITUTION

## Information on the Revised JC Curriculum for 2021 JC 1 Students

Discipline	Subject	H1	H2	H3	Remarks
<i>Knowledge Skills</i>	General Paper (GP)	*	NA	NA	Compulsory subject if KI is not offered
	Knowledge & Inquiry (KI) <sup>#</sup>	NA	*	NA	<p>Contrasting subject for students whose main specialization is in Arts or Science; offered in lieu of GP</p> <p><b>Students interested in taking KI are required to sit for the selection test</b></p> <p>Students should attend the trial lessons offered during the IP activities/orientation before sitting for the selection test</p>
	Project Work (PW)	*	NA	NA	Compulsory subject
<i>Languages</i>	Mother Tongue Language (MTL) e.g. Chinese, Malay, Tamil	*	NA	NA	<p>NOT a contrasting subject. <b>H1 MTL MUST be included in the computation of total AU</b> except for students taking H2 Chinese Language and Literature (CLL)</p> <p><b>For JAE students:</b> Need not offer if the student has obtained a D7 or better for <b>O-Level HMTL*</b></p> <p><b>If you obtain E8 or F9 in HMTL, you MUST (i.e. compulsory) attend 8 periods (4 hrs) of H1 MTL lessons per week and sit for GCE 'A' Level H1 MTL exam at the end of JC 1.</b></p> <p>* The pre-requisite for exemption from taking H1 CL for <b>HCI &amp; NYGH students:</b> <b>A1 - B4:</b> Optional to attend lessons in H1 CL. <b>C5 - D7:</b> Attend 2 hrs of H1 CL lessons per week and sit for GCE 'A' Level H1 CL exam at the end of JC 1.</p>

# HWA CHONG INSTITUTION

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	French (FR)	*	*	NA	<p>Classes are held at MOELC  <b>H1 is NOT a Contrasting Subject</b>, but <b>H2</b> is regarded as a Humanities subject; thus is a contrasting subject for Science students.</p> <p>Students need to read corresponding 3<sup>rd</sup> language in Sec 4 to read H1/H2 FR/GM/JP or H2 SP.</p> <p><b>H2 applicants may be required to sit for and pass a diagnostic test before a place can be confirmed.</b></p> <p>Kindly refer to MOELC website:  <a href="https://www.moelc.moe.edu.sg/jc-registration/">https://www.moelc.moe.edu.sg/jc-registration/</a></p>
	German (GM)	*	*	NA	
	Japanese (JP)	*	*	NA	
	Spanish (SP)	NA	*	NA	

# HWA CHONG INSTITUTION

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<i>Humanities &amp; the Arts</i>	English Language & Linguistics (ELL)	NA	*	NA	Students are required to sit for and pass a selection test before a place can be confirmed.	
	Art (AEP)#	*	*	*	<p><u>H1 Art</u> (art criticism Paper 1 only)</p> <ul style="list-style-type: none"> <li>• Pass selection test</li> </ul> <p>H1 Art students are not admitted into Art Elective Programme (AEP).</p> <p><u>H2 Art</u> (with Coursework Paper 2)</p> <ul style="list-style-type: none"> <li>• Good grade in Art for O-Level or equivalent IP assessment</li> <li>• Good art portfolio</li> <li>• Interview and selection test</li> </ul> <p>As part of AEP, H2 Art is offered with H3 Art (Theory of Art).</p>	
	Economics (EC)	*	*	JC2	Students are not offered H2 Geography and H2 History concurrently.	
	Geography (EG)	*	*	JC2		
	History (EH)	NA	*	JC2		
	Literature in English (EL)	*	*	JC2		
						* Note that H1 Geography is offered, but NOT H1 History.
	General Studies in Chinese (GSC)	*	NA	NA	Obtained pass for O-level HCL	
	China Studies (Chinese) (CSC)#	NA	*	NA	<p><b><u>Requirement to enrol in BSP</u></b></p> <p>Obtained at least B3 for O-Level HCL or equivalent to read H2 CSC.</p>	
	Chinese Lang & Lit (CLL)	NA	*	JC2	<p><b><u>Requirement to enrol in CLEP</u></b></p> <p>Obtained at least a B3 for O-Level HCL or equivalent (alternatively, B4 in HCL and at least B3 in Chinese Lit) to read H2 CLL.</p>	
Translation (Chinese) (TRC)	NA	*	NA	Obtained at least a B3 for O-Level HCL AND at least A2 for O-Level English or equivalent. Students are required to sit for and pass a diagnostic test before a place can be confirmed.		

# HWA CHONG INSTITUTION

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<i>Mathematics &amp; Science</i>	Biology (BI)	NA	*	JC2	<p>Assumed knowledge of 'O' level Biology.</p> <p><b>H2 Biology must be offered with H2 Chemistry.</b></p> <p>For students with no Sec 4 Biology, the indicative grade cut-off is B3 <i>grade in O-level Chemistry or equivalent.</i></p>
	Physics (PH)	NA	*	JC2	<p>Assumed knowledge of 'O' level Combined Science (Physics, Chemistry) OR O-level Physics or equivalent.</p> <p><b>H2 Physics must be offered with H2 Maths.</b></p>
	Chemistry (CH)	*	*	JC2	<p>Assumed knowledge of 'O' level Combined Science (Physics, Chemistry) OR O-level Chemistry or equivalent.</p> <p><b>H2 Chemistry must be offered with H2 Maths.</b></p>
	Mathematics (MA)	*	*	JC2	<p>Assumed knowledge of O-Level Add. Math or equivalent.</p> <p>H2 Maths cannot be offered concurrently with H1 Maths.</p> <p><b>H2 Maths is compulsory subject for all Science subject combinations.</b></p>
	Further Mathematics (FM)	NA	*	NA	<p><u>H2 Further Maths</u> has to be read together with H2 Maths.</p> <p><b>Students interested in taking Further Math are required to sit for the selection test</b></p> <p>Students should attend the trial lesson offered during the IP activities/orientation before sitting for the selection test</p>

# HWA CHONG INSTITUTION

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	Computing (CP)	NA	*	NA	<b>Must be offered with H2 Maths</b>  <b><u>For Computing Talent Programme (CTP)</u></b> <b>Students are required to sit for the selection test</b>
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### Note:

# *H2 subjects with independent study / coursework component in JC 2. Students are advised NOT to take more than one subject with independent study / coursework component.*

*Due to resource constraints, the school may offer a particular subject only if there is sufficient demand for the subject.*

## B. Subject Requirements

1. Students must offer **at least 4 content based subjects**, 3 of which have to be at H2 level. The norm for most JC students is to offer 3 H2 and 1 H1 content based subjects. **At least one of the content based subjects must be of a *contrasting* discipline.**
2. A **contrasting** subject is a content based subject taken outside a student's main area of specialization. The contrasting subject that all students are required to take can be offered at H1 or H2 level. The subject **KI is a contrasting subject for both the Humanities & Arts, and Mathematics & Science**. For example, students doing 3 H2 Math/Science subjects could offer H1 History as a contrasting subject.
3. **All students must also offer GP, PW and MTL at H1 level.** Students may offer KI in lieu of GP.
4. H3 subjects are offered to students who are exceptionally strong and wish to pursue a subject or area in which they have the interest and aptitude. Students offering H3 subject must be prepared to manage a workload beyond the normal subject combination. To read a H3 subject, students **must be offering the same subject at the H2 level**. H3 subject allow students to study the subject at greater depth or in a more specialized area. Please note that H3 subjects are **ONLY** offered to students in JC2.
5. Students are allowed to **take a maximum of 2 H3 subjects**. Other than selected H3 research modules which are conducted from Term 2 of JC1, the other H3 subjects are taught in JC2. Students will be informed of the H3 application process after their JC1 Promotional Examination.

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### C. Summary of Subject Combinations Offered in Hwa Chong

Please note that there is a **cap of 12 AUs (i.e. Academic Units) per student in their 2 years of study in Junior College.**

Include compulsory subjects: H1 GP, PW & MTL (Total of 3 AUs) in computing total AUs.

No. of H2	No. of H1	No. of H3	Total AUs	Remarks
3	1	-	10	Minimum requirement (Normal load taken by JC students)
3	1	1	11	-
4	-	-	11	Recommended for students eligible for expanded curriculum
3	1	2	12	Only for exceptional students
4	1	-	12	-
4	-	1	12	Only for exceptional students
4	1	1	12	<b>Only for students taking H2 CLL.</b>
4	-	2	12	<b>Only students reading H2 CLL will not have the MTL AU counted towards their total AUs. (i.e. H2 CLL is taken in lieu of H1 CL)</b>

#### Subject Combinations offered with KI

Include compulsory subjects: H1 PW & MTL (Total of 2 AUs) in computing total AUs.

No. of H2	No. of H1	No. of H3	Total AUs	Remarks
4	-	-	10	<b>Strongly advised.</b> Consider as expanded curriculum
4	1	-	11	
4	-	1	11	Only for exceptional students
4	1	1	12	Only for exceptional students
4	-	2	12	Only for exceptional students