

# HWA CHONG INSTITUTION

## Information on the Revised JC Curriculum for 2020 JC 1

Discipline	Subject	H1	H2	H3	Requirements
<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>Students with <b>at least an A2 in English</b> grade and excellent O-Level (L1R5 ≤ 7) / IP results (MSG ≤ 1.5) (or its equivalent) are <b>eligible to sit for the selection test</b></p> <p><b>Students should attend the trial lessons offered during the IP activities/orientation before sitting for the selection test</b></p>
	Project Work (PW)	*	NA	NA	Compulsory subject

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<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 HML/HTL/HCL*</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>
	French (FR)	*	*	NA	<p>Classes are held at MOELC <b>H1 is NOT a contrasting subject</b>, but H2 is regarded as a Humanities subject; thus is a contrasting subject for Science students. <b>Students need to read corresponding 3<sup>rd</sup> language in Sec 4 to read H1/H2 FR/GM/JP or H2 SP.</b></p>
	German (GM)	*	*	NA	
	Japanese (JP)	*	*	NA	
	Spanish (SP)	NA	*	NA	

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<i>Humanities &amp; the Arts</i>	English Language & Linguistics (ELL)	NA	*	NA	Students with <b>at least an A2 in English</b> grade and good O-Level (L1R5 ≤ 7) / IP results (MSG ≤ 2) (or its equivalent).
	Art (AEP)#	NA	*	*	<p><b>H1 Art</b> (art criticism Paper 1 only)</p> <ul style="list-style-type: none"> <li>At least B3 in EL</li> <li>Pass selection test</li> </ul> <p>H1 Art students are not admitted into Art Elective Programme (AEP).</p> <p><b>H2 Art</b> (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>Pass portfolio 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	A pass in Integrated Humanities or equivalent and <b>at least B4 in English</b> are required to read H2 EC/EG/EH/EL. Students are not offered H2 Geography and H2 History concurrently.
	Geography (EG)	NA	*	JC2	
	History (EH)	NA	*	JC2	
	<b>Literature in English</b> (EL)	*	*	JC2	
	General Studies in Chinese (GSC)	*	NA	NA	Obtained at least B3 for O-Level HCL or equivalent.
	China Studies (Chinese) (CSC)#	NA	*	NA	Obtained at least B3 for O-Level HCL or equivalent to read H2 CSC.
	Chinese Lang & Lit (CLL)	NA	*	JC2	Obtained at least a B3 for O-Level HCL or equivalent (alternatively, B4 in HCL and <b>at least B3</b> in Chinese Lit) to read H2 CLL.

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Translation (Chinese) (TRC)	NA	*	NA	Obtained at least a B3 for O-Level HCL AND at least A2 for O-Level English or equivalent.  <i>Need to take diagnostic test before confirming eligibility for subject.</i>
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<i>Mathematics &amp; Science</i>	Biology (BI)	NA	*	JC2	<p>Pass in Sec 4 Biology.            For students with <b>no Sec. 4 Biology</b>, need to <b>obtain at least B3 for O-level Chemistry or equivalent</b> to read H2 Biology.</p> <p><b>H2 Biology must be offered with H2 Chemistry.</b></p>
	Physics (PH)	NA	*	JC2	<p>O-Level Physics or equivalent to read H2 Physics.</p> <p><b>Obtained at least a B3 for O-level Physics or equivalent</b> to read H2 Physics</p> <p><b>H2 Physics must be offered with H2 Maths.</b></p>
	Chemistry (CH)	*	*	JC2	<p>O-Level Chemistry or equivalent to read H2 Chemistry.</p> <p><b>Obtained at least a B3 for O-Level Chemistry or equivalent to read H2 Chemistry.</b></p> <p><b>H2 Chemistry must be offered with H2 Maths.</b></p>
	Mathematics (MA)	*	*	JC2	<p>H2 Maths requires knowledge of O-Level Add. Math or equivalent.</p> <p>Obtained <b>at least B3 in O-Level E Maths &amp; Add. Maths</b> or equivalent to read H2 Maths.</p> <p>H2 Maths cannot be offered concurrently with H1 Maths.</p> <p>Students who have no 'O' level Additional Mathematics are only allowed to read H1 Math</p> <p><b>H2 Maths is compulsory subject for all Science subject combinations.</b></p>

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	Further Mathematics (FM)	NA	*	NA	<p><u>H2 Further Maths</u> has to be read together with H2 Maths.</p> <p>Students obtain <b>A1 in O-Level E Maths &amp; Add. Maths</b> or equivalent are <b>eligible to sit for the selection test</b></p> <p><b>Students should attend the trial lesson offered during the IP activities/orientation before sitting for the selection test</b></p>
	Computing (CP)	NA	*	NA	<p>Obtained <b>at least B3 in O-Level E Maths &amp; Add. Maths</b> or equivalent to read H2 CP.</p> <p><b>Must be offered with H2 Maths</b></p>

**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.***

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## **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.
5. Students are allowed to **take a maximum of 2 H3 subjects**. Other than selected H3 research modules which are conducted in 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	<b>For most students in HCI</b>
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>
4	1	-	11	
4	-	1	11	
4	1	1	12	Only for exceptional students
4	-	2	12	Only for exceptional students