

HWA CHONG INSTITUTION

Information on the Revised JC Curriculum for 2017 JC 1 Students

A. Subjects Offered

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)	NA	*	NA	<ul style="list-style-type: none"> Contrasting subject for students whose main specialization is in Arts or Science; offered in lieu of GP Students with at least an A2 in EL grade and excellent O-Level (L1R5 ≤ 7) / IP results (MSG ≤ 1.5) (or its equivalent) are eligible to sit for the selection test
	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. H1 MTL MUST be included in the computation of total AU except for students taking H2 Chinese Language and Literature (CLL)</p> <p>Need not offer if the student has obtained a D7 or better for O-Level HML/HTL/HCL*</p> <p>If you obtain E8 or F9 in HMTL, you MUST (i.e. compulsory) attend 8 periods (4 hrs) of H1 Chinese Language (CL) lessons per week and sit for GCE 'A' Level H1 CL exam at the end of JC 1.</p> <p>* The pre-requisite for exemption from taking H1 CL for HCI & NYGH IP students: A1 - B4: - optional to attend lessons in H1 CL. C5 - D7 - 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</p> <p>H1 is NOT a contrasting subject, but H2 is regarded as a Humanities subject; this is a contrasting subject for Science students.</p> <p>Students need to read corresponding 3rd language in Sec 4 to read H1/H2 FR/GM/JP.</p>
	German (GM)	*	*	NA	
	Japanese (JP)	*	*	NA	

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<i>Humanities & the Arts</i>	English Language & Linguistics (ELL)	NA	*	NA	Students with at least an A2 in EL grade and good O-Level (L1R5 ≤ 7) / IP results (MSG ≤ 2) (or its equivalent).
	Art (AEP)	*	*	*	To offer H1 Art: <ul style="list-style-type: none"> At least B3 in EL Require to pass selection test and interview To offer H2 Art: <ul style="list-style-type: none"> good grade in O-Level Art or equivalent. Good art portfolio. Required to pass selection test and interview. H2 Art offer together with H3 Art.
	Economics (EC)	*	*	JC2	A pass in Integrated Humanities or equivalent and at least B4 in EL are required to read H2 EC/EG/EH/EL.
	Geography (EG)	*	*	JC2	
	History (EH)	*	*	JC2	
	English Lit (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 B3 in Chinese Lit) to read H2 CLL.	

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<i>Mathematics & Science</i>	Biology (BI)	*	*	JC2	<p>Pass in Sec 4 Biology. For students with no Sec. 4 Biology, need to obtain at least B3 for O-level Chemistry or equivalent to read H2 Biology.</p> <p>H2 Biology must be offered with H2 Chemistry.</p>
	Physics (PH)	*	*	JC2	<p>O-Level Physics or equivalent to read H2 Physics. Obtained at least a B3 for O-level Physics or equivalent to read H2 Physics</p> <p>H2 Physics must be offered with H2 Maths.</p>
	Chemistry (CH)	*	*	JC2	<p>O-Level Chemistry or equivalent to read H2 Chemistry. Obtained at least a B3 for O-Level Chemistry or equivalent to read H2 Chemistry.</p> <p>H2 Chemistry must be offered with H2 Maths.</p>
	Mathematics (MA)	*	*	JC2	<p><u>H2 Maths</u> requires knowledge of O-Level Add. Math or equivalent.</p> <p>Obtained at least B3 in O-Level E Maths & Add. Maths or equivalent to read H2 Maths.</p> <p>H2 Maths cannot be offered concurrently with H1 Maths.</p> <p>Students who fail to obtain B3 are only allowed to read H1 Maths.</p> <p>H2 Maths is compulsory subject for all Science subject combinations.</p>
	Further Maths (FM)	NA	*	NA	<p><u>H2 Further Maths</u> has to be read together with H2 Maths.</p> <p>Obtained A1 in O-Level E Maths & Add. Maths or equivalent</p>

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	Computing (CP)	NA	*	NA	No pre-requisite needed. Must be offered with H2 Maths
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Note:

Due to resource constraints, the school may offer a particular subject only if there is an optimal number of students choosing to read that 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. The school will select students who apply for non-research based H3 based on their performance at the JC1 Examinations.

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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 (Norm in most JCs)
3	1	1	11	-
4	-	-	11	For most students in HCI
3	1	2	12	Only for exceptional students
4	1	-	12	Usually for students reading H2 CLL
4	-	1	12	Only for exceptional students
4	1	1	12	Only students reading H2 CLL will not have the MTL AU counted towards their total AUs. Note H2 CLL students need to read 1 more AU of CL related subjects.
4	-	2	12	

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	Strongly advised
4	1	-	11	
4	-	1	11	
4	1	1	12	Only for exceptional students
4	-	2	12	Only for exceptional students