

HWA CHONG INSTITUTION

Information on the Revised JC Curriculum for 2025 JC 1 Students

Discipline	Subject	H1	H2	H3	Remarks
<i>Knowledge Skills</i>	General Paper (GP)	*	NA	NA	Compulsory subject
	Knowledge & Inquiry (KI) [#]	NA	*	NA	<p>Contrasting subject for students whose main specialization is in Arts or Science</p> <p>Students interested in taking KI are required to sit for the selection test</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	NA	<p>Compulsory subject with a Pass/ Fail grading.</p> <p>It will carry 1 AU which will be included in the computation of total AU.</p>
<i>Languages</i>	Mother Tongue Language (MTL) e.g. Chinese, Malay, Tamil	*	NA	NA	<p>NOT a contrasting subject.</p> <p>H1 MTL MUST be included in the computation of total AU except for students taking H2 Chinese Language and Literature (CLL)</p> <p>For JAE students: Need not offer if the student has obtained a D7 or better for O-Level HMTL*</p> <p>HCI and NYGH students who achieved a B4 or better in O-Level Higher HMTL are exempt from taking H1 CL. Students with grades from C5 to D7 will attend two hours of H1 CL lessons per week.</p> <p>Any student who obtains E8 or F9 in O-Level HMTL, MUST attend 8 periods (4 hrs) of H1 MTL lessons per week and take GCE 'A' Level H1 MTL exam at the end of JC 1.</p>

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	French (FR)	*	*	NA	<p>Classes are held at MOELC H1 is NOT a Contrasting Subject, but H2 is regarded as a Humanities subject; thus 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 or H2 SP.</p> <p>H2 applicants may be required to sit for and pass a diagnostic test at MOELC before a place can be confirmed.</p> <p>Kindly refer to MOELC website: https://www.moelc.moe.edu.sg/jc-registration/</p>
	German (GM)	*	*	NA	
	Japanese (JP)	*	*	NA	
	Spanish (SP)	NA	*	NA	

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

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

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	Computing (CP)	NA	*	NA	Must be offered with H2 Maths Students interested in taking Computing are required to sit for the selection test Students should attend the trial lesson offered during the IP activities/orientation before sitting for the selection test
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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 Geography as a contrasting subject.
3. **All students must also offer GP, PW and MTL. GP and MTL offered at H1 level while PW is offered as a Pass/ Fail subject.**
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 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: PW, H1 GP, H1 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	Only for exceptional students
4	-	1	11	Only for students taking H2 CLL.
4	-	2	12	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)