

HWA CHONG INSTITUTION

Information on the Revised JC Curriculum for 2027 JC 1 Students

A. Requirements of Revised JC Curriculum

1. A student will offer 10 to 12 academic units (AU) of study where each H2 subject carries 2 AU, each H1 subject carries 1 AU, each H3 subject carries 1 AU and Project Work (PW) carries 1 AU.
2. **All students must offer GP, PW and MTL. GP and MTL offered at H1 level while PW is offered as a Pass/ Fail subject.**
3. A student must offer **4 content-based subjects**, 3 of which must 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.**
4. 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. For example, a student doing 3 H2 Math/Science subjects could offer H1 Geography as a contrasting subject.
5. 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 subjects must be prepared to manage a workload beyond the normal subject combination. To read a H3 subject, a student **must be offering the same subject at the H2 level**. H3 subjects allow students to study the subject at greater depth or in a more specialized area. 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.
6. The table below shows the computation of total AUs based on the number of H1, H2 and H3 subjects taken. It includes compulsory subjects PW, H1 GP and H1 MTL (which make up 3 AUs) in the computation of total AUs.

No. of H2	No. of H1	No. of H3	Total AUs	Remarks
3	1	-	10	Norm academic 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

A. Subjects Offered in Hwa Chong

HWA CHONG INSTITUTION

Information on the Revised JC Curriculum for 2027 JC 1 Students

Discipline	Subject	H1	H2	H3	Remarks
Knowledge Skills	General Paper (GP)	√	NA	NA	Compulsory subject
	Knowledge & Inquiry (KI) [#]	NA	√	NA	Contrasting subject for students whose main specialization is in Science. KI must be taken as one of 4 H2 subjects. Students interested in taking KI are required to sit for a series of trial lessons followed by an aptitude assessment based on the trial lessons. Students must attend the trial lessons offered during NextStep@College or JC1 Orientation before sitting for the aptitude assessment.
	Project Work (PW)	NA	NA	NA	Compulsory subject with a Pass/Fail grading. It will carry 1 AU which will be included in the computation of total AU.
Languages	Mother Tongue Language (MTL) e.g. Chinese, Malay, Tamil	√	NA	NA	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) JAE students who obtained D7 or better in O-Level Higher Mother Tongue Language (HMTL)* are exempted from taking H1 MTL. HCI and NYGH students who obtained B4 or better in O-Level Higher HMTL are exempted from taking H1 CL. HCI and NYGH students who obtained C5 to D7 in O-Level Higher HMTL MUST attend 2 hours of H1 CL lessons per week and take GCE 'A' Level H1 MTL exam at the end of JC 1. This applies to all HCI and NYGH students, including those admitted through DSA and JAE. Any student who obtained E8 or F9 in O-Level HMTL, MUST attend 4 hours of H1 MTL lessons per week and take GCE 'A' Level H1 MTL exam at the end of JC 1.

HWA CHONG INSTITUTION

Information on the Revised JC Curriculum for 2027 JC 1 Students

	French (FR)	√	√	NA	Classes are held at MOELC H1 Foreign Language is NOT a Contrasting Subject, but H2 Foreign Language is regarded as a Humanities subject and thus is a contrasting subject for Science students. Students need to read the corresponding 3rd language in Sec 4 to read H1/H2 FR/GM/JP or H2 SP. H2 Foreign Language applicants may be required to sit for and pass a diagnostic test at MOELC before a place can be confirmed. Please refer to MOELC website for more information.
	German (GM)	√	√	NA	
	Japanese (JP)	√	√	NA	
	Spanish (SP)	NA	√	NA	

Discipline	Subject	H1	H2	H3	Remarks
Humanities & the Arts	English Language & Linguistics (ELL)	NA	√	NA	Students must sit for and pass an aptitude assessment before their place can be confirmed.
	Art (AEP)*	√	√	√	H1 Art Art Discourse Paper 1 only - Pass selection test H1 Art students are not admitted into the Art Elective Programme (AEP). H2 Art - Good grade in Art for O-Level or equivalent IP assessment - Good art portfolio - Interview As part of AEP, H2 Art is offered with H3 Art (Research Essay).
	Economics (EC)	√	√	JC2	Students are not offered H2 Geography and H2 History concurrently.
	Geography (EG)	√	√	JC2	
	History (EH)		√	JC2	
	Literature in English (EL)		√	JC2	Note that H1 Geography is offered, but NOT H1 Literature in English and H1 History.
	China Studies in Chinese (CSC)	NA	√	NA	Requirement to enrol in BSP Obtained at least a B3 in Higher Chinese Language or A2 in Chinese Language or equivalent

HWA CHONG INSTITUTION

Information on the Revised JC Curriculum for 2027 JC 1 Students

	Chinese Language & Literature (CLL)	NA	√	JC2	Requirement to enrol in CLEP Students who have obtained at least one of the following grades in the GCE O-Level examination: • Grade B3 in Higher Chinese. • Grade B4 in Higher Chinese and B3 in Literature in Chinese (full or elective subject). • Grade A2 in Chinese. • Or the equivalent of the above based on IP School internal assessment
	Translation (Chinese) (TRC)	NA	√	NA	Students who have obtained at least one of the following grades in the GCE O-Level examination: • B3 for O-Level HCL and A2 for O-Level English • A2 for O-Level CL and A2 for O-Level English • Or the equivalent of the above based on IP School internal assessment Students must take and pass an aptitude assessment before their place can be confirmed.

<i>Mathematics & Sciences</i>	Biology (BY)		√	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 Math.
	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 Math.

HWA CHONG INSTITUTION

Information on the Revised JC Curriculum for 2027 JC 1 Students

	Mathematics (MA)	√	√	JC2	Assumed knowledge of O-Level Additional Math or equivalent. H2 Math cannot be offered together with H1 Math. H2 Math is compulsory for all subject combinations with Physics & Computing and all science hybrid combinations.
	Further Mathematics (FM)	NA	√	NA	Students interested in taking Further Math are required to sit for an aptitude assessment. Students should attend the sample lesson offered during NextStep@College or JC1 Orientation before sitting for the aptitude assessment. H2 Further Math must be offered with H2 Math.
	Computing (CP)	NA	√	NA	Students interested in taking Computing are required to sit for an aptitude assessment. Students should attend the sample lesson offered during NextStep@College or JC1 Orientation before sitting for the aptitude assessment. H2 Computing must be offered with H2 Math.

Note:

#H2 subjects with independent study / coursework component in JC 2.

Students are advised NOT to take more than one subject with an independent study / coursework component.

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