

HWA CHONG INSTITUTION

Information on the Revised JC Curriculum for 2018 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) | 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 Students should attend the trial lessons offered during the IP activities/orientation before sitting for the selection test |
| | 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. 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 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 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 H1 is NOT a contrasting subject, but H2 is regarded as a Humanities subject; thus is a contrasting subject for Science students. Students need to read corresponding 3rd language in Sec 4 to read H1/H2 FR/GM/JP or H2 SP.</p> |
| | German (GM) | * | * | NA | |
| | Japanese (JP) | * | * | NA | |
| | Spanish (SP) <small>NEW for 2018</small> | NA | * | 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) | NA | * | JC2 | |
| | History (EH) | NA | * | 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. |
| Translation (Chinese) (TRC) <small>NEW for 2018</small> | NA | * | NA | Obtained at least a B3 for O-Level HCL or equivalent AND at least A2 for O-Level English or equivalent. Need to take diagnostic test before confirming eligibility for subject. | |

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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> |

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|--------------------|----|---|----|--|
| Further Maths (FM) | NA | * | NA | <u>H2 Further Maths</u> has to be read together with H2 Maths. Obtained A1 in O-Level E Maths & Add. Maths or equivalent |
| Computing (CP) | NA | * | NA | No pre-requisite needed. Must be offered with H2 Maths |

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 for students taking H2 CLL. |
| 4 | - | 2 | 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. |

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 |