

HWA CHONG INSTITUTION

Information on the Revised JC Curriculum for 2012 JC1 Students

A. Subjects Offered in Hwa Chong Institution in 2012

Discipline	Subject	H1	H2	H3	Requirements
Knowledge Skills	General Paper (GP)	*			Compulsory subject if KI is not offered
	Knowledge & Inquiry (KI)		*		<ul style="list-style-type: none"> Contrasting subject for students whose main specialization is in Arts or Science; taken in lieu of GP Students with at least an A2 in EL grade and excellent O-Level/IP results (or its equivalent) are eligible to sit for the selection test
	Project Work (PW)	*			Compulsory
Languages	Mother Tongue Language (MTL) e.g. Chinese, Malay, Tamil	*			<p>NOT a contrasting subject H1 MTL MUST be included in the computation of total A.U. 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 hr) per week of lesson.</p> <p>* The pre-requisite for exemption from taking H1 Chinese Language (CL) for HCI & NYGH IP students: A1 - B4: - exempted from attending lessons in H1 CL. C5 - D7 - Attend 2 hr per week of lesson.</p>
	French (FR)	*	*		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.
	German (GM)	*	*		
	Japanese (JP)	*	*		
	English Language & Linguistics (ELL)		*		Students with at least an A2 in EL grade and good O-Level/IP results (or its equivalent) are eligible to sit for the selection test

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	Subject	H1	H2	H3	Requirements
<i>Humanities & the Arts</i>	Art (AEP)		*	*	Good grade in O-Level Art or equivalent. Good art portfolio. Required to pass selection test and interview. Offer together with H3 Art.
	Music (MU)		*		Pass in O-Level Music or at least Grade 5 Practical & Grade 6 Theory ABRSM or pass the selection test.
	Economics (EC)	*	*	JC2	No pre-requisite needed
	Geography (EG)	*	*	JC2	
	History (EH)	*	*	JC2	
	English Lit (EL)		*	JC2	
	General Studies in Chinese (GSC)	*			Obtained at least B3 for O-Level HCL or equivalent.
	China Studies (English) (CSE)			*	Students with at least a B3 in EL grade are eligible to sit for the selection test
	China Studies (Chinese) (CSC)	*	*		Obtained at least B3 for O-Level HCL or equivalent. H1 CSC is open to LEP and BSP students only (i.e. BSP scholars/non-scholars from IP Sec 4)
Chinese Lang & Lit (CLL)			*	JC2	Obtained at least a B3 for O-Level HCL or equivalent (alternatively, B4 in HCL and B3 in Chinese Lit)
<i>Mathematics & Science</i>	Biology (BY)	JC2	*	JC2	O-Level Biology or equivalent is preferred. Must be offered with H2 Chemistry.
	Physics (PH)	JC2	*	JC2	O-Level Physics or equivalent. Obtained at least a B4 for O-level Physics or equivalent. Must be offered with H2 Maths.

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	Subject	H1	H2	H3	Requirements
	Chemistry (CH)	JC2	*	JC2	<p>O-Level Chemistry or equivalent.</p> <p>Obtained at least a B4 for O-Level Chemistry or equivalent.</p> <p>Must be offered with H2 Maths.</p>
	Mathematics (MA)	*	*	JC2	<p>H2 Math requires knowledge of O-Level Add. Math or equivalent.</p> <p>Obtained at least B4 in O-Level Add. Math or equivalent is required.</p> <p>Students with no Add. Math background are recommended to take H1 Math</p>
	Computing (CP)		*		<p>No pre-requisite needed.</p> <p>Must be offered with H2 Maths</p>

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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 is for students 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 Literature as a contrasting subject.
3. All students must also offer GP, PW and MTL at H1 level. Students take 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 taking H3 subject must be prepared to manage a workload beyond the norm subject combination. H3 subjects assume that students are offering the subject at the H2 level but 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 H3 based on their performance at the JC1 Examinations.

C. Combinations of H1, H2 & H3 Offered in Hwa Chong

No. of H2	No. of H1	No. of H3	Remarks
3	1	-	With GP, PW, MTL
3	1	1	
4	-	-	
3	1	2	
4	1	-	
4	-	1	
3	1	-	For H2 CLL students. With GP, PW, MTL
3	1	1	
4	-	-	
3	1	2	
4	1	-	
4	-	1	
4	-	2	
4	-	-	KI as 4 th H2. With PW, MTL.
4	1	-	
4	-	1	
4	1	1	
4	-	2	

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D. MOE Special Programmes in Hwa Chong

Programme	Subject Requirement	
Humanities Programme (HP) For enquiries, please email Mr. Mike White, Senior Consultant / HP: muscovite@pacific.net.sg	H2 Subjects	
	First H2	English Literature
	Second H2	<ul style="list-style-type: none"> ▪ Economics ▪ Geography ▪ History ▪ China Studies
	Third H2	<ul style="list-style-type: none"> ▪ Economics ▪ Geography ▪ History ▪ Chinese Language and Literature ▪ China Studies ▪ Music ▪ Art ▪ Foreign Languages <ul style="list-style-type: none"> - French - German - Japanese
	Fourth H2	<ul style="list-style-type: none"> ▪ Knowledge and Inquiry (KI) ▪ Math
Remarks This subject is compulsory Select <u>one</u> from the range of subjects Select <u>one</u> from the range of subjects To meet <u>contrasting subject</u> requirement		
<p>Pre-requisites:</p> <p><u>IP Students</u></p> <ul style="list-style-type: none"> • Obtained at least A2 in EL • Excellent Sec 4 results <p><u>Non-IP Students</u></p> <ul style="list-style-type: none"> • Obtained Distinction in O-Level EL • Interview <p>Humanities Scholars interested in offering both H2 Mathematics and KI may choose to offer KI in place of a third Humanities subject. With this flexibility, they will satisfy the requirement of having at least three content-based H2 subjects when offering KI, which is a skills-based subject.</p> <p>Humanities Programme students will have opportunities to take part in various immersion/exchange programmes, e.g. HP Overseas Enrichment Programme and Reach Cambridge Summer Programme.</p>		
Language Elective Programme (Chinese) (LEP) For enquiries, please email Mr Lam Yew Cheong, Senior Consultant / LEP: lamyc@hci.edu.sg	Interested students need to obtain the following: <ul style="list-style-type: none"> ○ At least a B3 in O-Level Higher Chinese (B3 in Chinese Literature, optional) <u>OR</u> ○ The equivalent of the above based on IP School internal assessment <p>*All students will have to take a language proficiency test to be nominated for the LEP scholarship.</p> <p>Students are required to take one of the subjects below in addition to H2 Chinese Language and Literature (CLL) to qualify as a LEP student (in JC 1):</p> <ul style="list-style-type: none"> • H1 General Studies in Chinese (GSC) 	

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	<ul style="list-style-type: none"> • H1 China Studies in Chinese (CSC) • H2 China Studies in Chinese (CSC) • H3 Chinese Language and Literature (CLL) (offered in JC2 only to students who qualify) <p>There is no restriction on the remaining subjects provided one of the content-based subjects is of a contrasting discipline.</p> <p>LEP scholars will have opportunities to take part in various immersion/exchange programmes, e.g. LEP Immersion Programme in China and Taiwan, OCIP in Xiamen.</p>
<p>Art Elective Programme (AEP)</p> <p>For enquiries, please email Mr Tan Siang Yu, Senior Consultant / Art : tansy@hci.edu.sg</p>	<p>Pre-requisites:</p> <p><u>IP students with Art background:</u></p> <ul style="list-style-type: none"> • Obtained a good grade in Art • Present their portfolio at the interview • Sit for a selection test <p><u>Non-IP students with Art background:</u></p> <ul style="list-style-type: none"> • Obtained a good grade in O-Level Art • Present their portfolio at the interview • Sit for a selection test <p><u>IP & Non-IP students with NO Art background:</u></p> <ul style="list-style-type: none"> • Present their portfolio at the interview • Sit for a selection test <p>All AEP students in HCI are required to read BOTH H2 and H3 Art. They will have to offer the following papers:</p> <ol style="list-style-type: none"> 1) SOVA (Study of Visual Arts) – H2 2) Studio Practice – H2LEP 3) Theory of Art – H3 <p>There is no restriction on the remaining subjects provided one of the content based subjects is of a contrasting discipline.</p> <p>AEP students will have opportunities to take part in various enrichment programmes, e.g. AEP Overseas Enrichment Programme.</p>
<p>Bi-cultural Studies Programme (Chinese) (BSP)</p> <p>For enquiries, please email Mdm Xu Jian Fen, Senior Consultant / MTL: xujf@hci.edu.sg</p>	<p>Pre-requisites:</p> <ul style="list-style-type: none"> • At least a B3 in O-Level Higher Chinese or its equivalent <p>All BSP scholars (in JC1) are required to take:</p> <ul style="list-style-type: none"> • H2 China Studies in Chinese (CSC) <u>OR</u> • Both H1 China Studies in Chinese + H2 Chinese Language & Literature <p>Summary of H2 CSC:</p> <ul style="list-style-type: none"> • 2-year course with an Independent Study research paper in JC2 • 4 hours per week <p>Students taking H1 CSC has the same curriculum as H2 CSC except for the Independent Study research paper, but will still take the GCE A Level Exam in JC2.</p> <p>JC1 BSP scholars will take part in China or Western Immersion Programme during Nov vacation.</p>

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E. Hwa Chong Special Programmes

Programme	Subject Requirement																			
<p>Science and Mathematics Talent Programme (SMTP)</p> <p>For enquiries, please email Mr Kwek Wei Hong Education Consultant SMTP: kwekwh@hci.edu.sg</p>	<p>Objectives</p> <p>The Hwa Chong SMTP aims to</p> <ul style="list-style-type: none"> • Provide an integrated and enriched curriculum which caters for high achieving students with a passion for Mathematics and the Sciences; • Provide a stimulating environment that nurtures the independent and inquisitive learner; and • Create opportunities for passion-focused activities in research, higher-level academic pursuits and other scholastic endeavours. <p>The Core Curriculum is designed to ENRICH by broadening the learning experience, ACCELERATE by providing the right pace for high ability students and EXTEND by deepening the learning through higher order thinking processes.</p> <p>The Elective Curriculum is an extension curriculum that serves to excite, enhance and expose students to a wide variety of fields in Sciences and Mathematics. These experiential modules will be well integrated to provide for a relevant and multidisciplinary learning experience.</p> <p>Selection Tests</p> <p>Students interested in SMTP must sit for the selection tests in order to qualify for the programme. The Mathematics and Chemistry selection tests are compulsory. Students may choose to sit for the Physics or Biology selection tests.</p> <p>The tentative dates for the selection tests are:</p> <p>18th Jan 2012 SMTP Chemistry Test (IP) 19th Jan 2012 SMTP Mathematics Test (IP) 25th Jan 2012 SMTP Biology & Physics Tests (IP) 31st Jan 2012 SMTP Chemistry Test (Non IP) 1st Feb 2012 SMTP Mathematics, Biology & Physics Tests (Non IP)</p> <p>Recommended Subject Combinations</p> <p>SMTP students must take H2 Mathematics (MA), H2 Chemistry (CH) and another Science subject (Physics or Biology) at H2 level.</p> <p>Recommended subject combinations are as follows:</p> <table border="1" data-bbox="609 1630 1465 1868"> <thead> <tr> <th colspan="4">H2</th> <th>H1</th> </tr> </thead> <tbody> <tr> <td rowspan="4">Mathematics</td> <td rowspan="4">Chemistry</td> <td>Biology</td> <td>Economics/ Geography</td> <td></td> </tr> <tr> <td>Biology</td> <td>KI*</td> <td></td> </tr> <tr> <td>Physics</td> <td>Economics/ Geography</td> <td></td> </tr> <tr> <td>Physics</td> <td>KI*</td> <td></td> </tr> </tbody> </table> <p>*Students have to pass the KI selection test if they wish to read the subject</p>	H2				H1	Mathematics	Chemistry	Biology	Economics/ Geography		Biology	KI*		Physics	Economics/ Geography		Physics	KI*	
H2				H1																
Mathematics	Chemistry	Biology	Economics/ Geography																	
		Biology	KI*																	
		Physics	Economics/ Geography																	
		Physics	KI*																	