

# HWA CHONG INSTITUTION

Information on the Revised JC Curriculum for 2027 JC 1 Students

## 1) MOE Special Programmes in Hwa Chong

Programme	Subject Requirement																	
<p><b>Humanities Programme (HP)</b></p> <p>For enquiries, please email:</p> <p><b>Mr Benjamin Hathaway</b>  <b>Subject Head/ Humanities</b>  <b>Scholarship Programme</b>  <a href="mailto:benjaminhw@hci.edu.sg">benjaminhw@hci.edu.sg</a></p> <p>or</p> <p><b>Mrs Chan-Lim Yin-Shin</b>  <b>HOD / English 1</b>  <a href="mailto:limys@hci.edu.sg">limys@hci.edu.sg</a></p>	<table border="1"> <thead> <tr> <th colspan="2">H2 Subjects</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>First H2</td> <td>Literature in English</td> <td><b>Compulsory</b></td> </tr> <tr> <td>Second H2</td> <td> <ul style="list-style-type: none"> <li>● Economics</li> <li>● Geography</li> <li>● History</li> <li>● China Studies in Chinese</li> </ul> </td> <td>Select <u>one</u> from the range of subjects</td> </tr> <tr> <td>Third H2</td> <td> <ul style="list-style-type: none"> <li>● Economics</li> <li>● Geography</li> <li>● History</li> <li>● Chinese Language and Literature</li> <li>● China Studies in Chinese</li> <li>● English Language &amp; Linguistics</li> <li>● Art</li> <li>● Foreign Languages                             <ul style="list-style-type: none"> <li>○ French</li> <li>○ German</li> <li>○ Japanese</li> <li>○ Spanish</li> </ul> </li> </ul> </td> <td>Select <u>one</u> from the range of subjects</td> </tr> <tr> <td>Fourth H2</td> <td> <ul style="list-style-type: none"> <li>● Knowledge and Inquiry (KI)</li> <li>● Math</li> </ul> </td> <td>To meet <u>contrasting</u> subject requirement</td> </tr> </tbody> </table>		H2 Subjects		Remarks	First H2	Literature in English	<b>Compulsory</b>	Second H2	<ul style="list-style-type: none"> <li>● Economics</li> <li>● Geography</li> <li>● History</li> <li>● China Studies in Chinese</li> </ul>	Select <u>one</u> from the range of subjects	Third H2	<ul style="list-style-type: none"> <li>● Economics</li> <li>● Geography</li> <li>● History</li> <li>● Chinese Language and Literature</li> <li>● China Studies in Chinese</li> <li>● English Language &amp; Linguistics</li> <li>● Art</li> <li>● Foreign Languages                             <ul style="list-style-type: none"> <li>○ French</li> <li>○ German</li> <li>○ Japanese</li> <li>○ Spanish</li> </ul> </li> </ul>	Select <u>one</u> from the range of subjects	Fourth H2	<ul style="list-style-type: none"> <li>● Knowledge and Inquiry (KI)</li> <li>● Math</li> </ul>	To meet <u>contrasting</u> subject requirement	<p><b>Pre-requisites:</b></p> <ul style="list-style-type: none"> <li>● Obtained at least B3 in EL</li> <li>● Excellent O level or equivalent IP Sec 4 results</li> <li>● Excel in aptitude assessment and interview</li> </ul> <p><b>Humanities Scholars interested in offering both H2 Mathematics and KI may choose to offer KI in place of a third Humanities subject.</b> 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>* To offer Knowledge and Inquiry or English Language &amp; Linguistics, students will need to sit for and clear the aptitude assessment for the respective subject.</p> <p>* To offer H2 Foreign Language, students may be required to sit for and pass a diagnostic test at MOELC before a place can be confirmed.</p> <p>Humanities Programme students will have the opportunity to take part in the HP Overseas Enrichment Programme. <b>(*Note that this applies ONLY if there are no travel restrictions.)</b></p>
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<p><b>Language Elective Programme (Chinese) (CLEP)</b></p> <p>For enquiries, please email</p> <p><b>Ms Yeo Tan Ching</b>  <b>Senior Teacher/CL</b>  <a href="mailto:yeotc@hci.edu.sg">yeotc@hci.edu.sg</a></p>	<p>Students who have obtained at least one of the following grades in the GCE O-Level examination:</p> <ul style="list-style-type: none"> <li>● Grade B3 in Higher Chinese.</li> <li>● Grade B4 in Higher Chinese and B3 in Literature in Chinese (full or elective subject).</li> <li>● Grade A2 in Chinese.</li> <li>● Or the equivalent of the above based on IP School internal assessment</li> </ul>																	

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<p>or</p> <p><b>Mr Yeong Chan Kong</b> HOD/ MTL <a href="mailto:yeongck@hci.edu.sg">yeongck@hci.edu.sg</a></p>	<p>Students are required to <b>take H2 Chinese Language and Literature (CLL) as a compulsory subject</b> to qualify as a CLEP student.</p> <p>If CLEP students wish to hone their Chinese language aptitude further, they may consider reading one of the following CL subjects as well:</p> <ul style="list-style-type: none"> <li>• H2 China Studies in Chinese (CSC)</li> <li>• H2 Translation (Chinese)</li> <li>• H3 Chinese Language and Literature (CLL) (offered in JC2 only to students who qualify)</li> </ul> <p>There is no restriction on the remaining subjects provided one of the content-based subjects is of a contrasting discipline.</p> <p>CLEP scholars are <b>required</b> to take part in the MOE CLEP Immersion Programme in China during the year-end vacation (mid November to late November) as part of their scholarship obligations. <b>(Note that this applies ONLY if there are no travel restrictions.)</b></p> <ul style="list-style-type: none"> <li>• Students who apply through JAE and are selected for CLEP-JC are eligible for 2 bonus points for admission to the respective schools. Students who are admitted to CLEP-JC are required to fulfill their commitment to the programme regardless of whether they had utilised the 2 bonus points.</li> <li>• Students who appeal to join the programme after JAE admission shall be subject to final approval from MOE</li> <li>• CLEP-Sec scholars who successfully enroll in the CLEP-JC at HCI will have their scholarship renewed for JC1, provided they meet the scholarship renewal criteria and receive a recommendation from their school.</li> </ul>
<p><b>Bicultural Studies Programme (Chinese) (BSP)</b></p> <p>For enquiries, please email</p> <p><b>Dr Liang Yong</b> Subject Head/Bicultural Studies Programme <a href="mailto:liangyong@hci.edu.sg">liangyong@hci.edu.sg</a></p> <p><b>Mr Yeong Chan Kong</b> HOD/ MTL <a href="mailto:yeongck@hci.edu.sg">yeongck@hci.edu.sg</a></p>	<p><b>Pre-requisite:</b></p> <ul style="list-style-type: none"> <li>• Obtained at least a B3 in Higher Chinese Language or A2 in Chinese Language or equivalent.</li> <li>• All BSP scholars (in JC1) are <b>required</b> to take H2 China Studies in Chinese (CSC).</li> <li>• JC 1 BSP scholars are <b>required</b> to take part in a 20-21 day China Immersion Programme during the year-end vacation (mid November to early December) as part of their scholarship obligations. <b>(Note that this applies ONLY if there are no travel restrictions.)</b></li> </ul>
<p><b>Art Elective Programme (AEP)</b></p> <p>For enquiries, please email</p> <p><b>Mr Tan Chiew Sern</b> Subject Head/ Art Elective Programme <a href="mailto:chiewsern@hci.edu.sg">chiewsern@hci.edu.sg</a></p>	<p><b>Requirements:</b></p> <ul style="list-style-type: none"> <li>• Art portfolio* demonstrating advanced proficiency in at least one art medium and good fundamental skills overall</li> <li>• Pass interview</li> </ul> <p>*Students who did not take Art at Secondary level are eligible to apply, and can be admitted based on the strength of their portfolios and interview performance</p> <p><b>Curriculum:</b></p> <ul style="list-style-type: none"> <li>• AEP students read <u>both H2 and H3 Art**</u>, which include the following papers:</li> </ul>

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	<ul style="list-style-type: none"> <li>a. Portfolio (H2, studio practice)</li> <li>b. Art Discourse (H2, art theory)</li> <li>c. Research Essay (H3, art writing)</li> <li>• 5.5 hours of curriculum time per week (inclusive of H3 Art lessons in JC2)</li> <li>• All AEP students will have opportunities to take part in combined AEP-schools workshop and exhibition curation experiences.</li> </ul> <p>** Only under certain conditions, AEP students have the option not to proceed with H3 Art after JC1, on a case-by-case basis.</p>
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## 2) Hwa Chong Special Programmes

Programme	Subject Requirement
<p><b>Science and Math Talent Programme (SMTP)</b></p> <p>For enquiries, please email</p> <p><b>Ms Wang Yitian</b> Subject Head/ SMTP <a href="mailto:wangyt@hci.edu.sg">wangyt@hci.edu.sg</a></p> <p>or</p> <p><b>Mrs Cheng-Liau Ming Lee</b> HOD/ Chemistry <a href="mailto:liauml@hci.edu.sg">liauml@hci.edu.sg</a></p>	<p><b>Objectives</b></p> <p>Hwa Chong SMTP Programme aims to:</p> <ul style="list-style-type: none"> <li>• provide an enriched curriculum which caters for students who possess a strong aptitude and passion for the Sciences and Mathematics</li> <li>• provide a stimulating environment that nurtures the independent and inquisitive learner; and</li> <li>• create opportunities for passion-focused activities, higher-level academic pursuits and other scholastic endeavours.</li> <li>• develop learners in both intellectual and affective domains, encouraging them to use their strengths to serve the wider community</li> </ul> <p>The Core Curriculum in SMTP is designed to ENRICH by broadening the learning experience, ACCELERATE by providing the right pace for students in the programme and EXTEND by deepening the learning through higher order thinking processes in the Science and Mathematics subjects they read. Pedagogies used aim to develop students' skills in critical thinking and inculcate independent and lifelong learning.</p> <p>The Elective Curriculum is an extension curriculum that serves to excite, enhance and expose students to a wide variety of fields in STEM and beyond. Elective modules, workshops and enrichment beyond the core curriculum are offered to SMTP students to deepen their passion in areas of interest, develop themselves in the affective domain and widen their horizons. Electives may be conducted by experts from the fields from universities, established professionals or our in-house lecturers.</p> <p><b>Requirements</b></p> <ul style="list-style-type: none"> <li>• L1R5 <math>\leq</math> 7 or Mean Subject Grade MSG <math>\leq</math> 2.0</li> <li>• A1s in all Math and Science subjects a student intends to take in JC, and at least B3 in English</li> <li>• Deep passion and interest in Science &amp; Mathematics</li> </ul>

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- Excel in the SMTP application process and aptitude assessment

### **Application Process**

Interested students will be required to undergo an application process and sit for an aptitude assessment.

- **IP students** will need to register and apply for the programme in January. They are also required to sit for an aptitude assessment. **Non-IP students** will need to register and apply for the programme once they report to HCI at the official start of JC 1. They are also required to sit for an aptitude assessment.

Details for registration to be confirmed.

### **Recommended Subject Combinations**

Recommended subject combinations are as follows:

<b>H2</b>			
Math	Chemistry	Biology	Economics/ Foreign Language
		Physics	Economics/ Foreign Language

\*Students who wish to read other H2 contrasting subjects or Further Math might be able to do so if there is a sufficient number of successful applicants to the programme who also wish to read that particular H2 subject.

# HWA CHONG INSTITUTION

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<p><b>Computing Talent Programme (CTP)</b></p> <p>For enquiries, please email <b>Ms Yu Qian</b> <b>Subject Head/ Computing Talent Programme</b> <a href="mailto:yuqian@hci.edu.sg">yuqian@hci.edu.sg</a></p> <p>or</p> <p><b>Mrs Chua-Huang Huifen</b> <b>HOD/ Mathematics &amp; Computing</b> <a href="mailto:huanghf@hci.edu.sg">huanghf@hci.edu.sg</a></p>	<p><b>Objectives</b></p> <p>Computing Talent Programme (CTP) aims to nurture future architects and leaders with global literacy, morals and values in the computing profession. Students in the programme will not only experience the latest developments in various fields of technology, but also attend learning journeys and immersion trips to learn about the ecosystem locally and abroad.</p> <p>The core curriculum creates an authentic learning experience, encouraging students to become critical thinkers and innovators in designing solutions to complex problems, and passionate collaborators in communicating and presenting solutions. Seeking to nurture the next generation of thinkers with deep expertise in the field, a wide range of activities will include courses conducted both by university professors and industry experts. In addition, hands-on group projects will also expose students to a variety of computer applications and real-world knowledge.</p> <p><b>Requirements</b></p> <ul style="list-style-type: none"><li>● L1R5 <math>\leq</math> 7 or Mean Subject Grade MSG <math>\leq</math> 2.0</li><li>● Excel in the aptitude assessment and Interview</li><li>● Deep passion and interest the field of Computing</li><li>● Compulsory to take H2 Computing</li></ul> <p><b>Application Process</b></p> <p>Students will be required to take an aptitude assessment.</p> <ul style="list-style-type: none"><li>● <b>IP students</b> will need to register and to take the assessment during NextStep@College in January.</li><li>● <b>Non-IP students</b> will need to register and take the assessment once they report to HCI for the official start of JC 1.</li></ul> <p>Students may be required to attend an interview after they have taken the aptitude assessment.</p>
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