



HKFYG Lee Shau Kee College  
香港青年協會李兆基書院

# Information Booklet of Course Selection for the New Senior Secondary Curriculum

新高中課程選科小冊子

**(For S3 Students in 2013/14)**

**(2013/14年度中三學生適用)**

Name: \_\_\_\_\_ (\_\_\_\_\_)

Class: \_\_\_\_\_

## **A. Basic Information**

The New Senior Secondary (NSS) Curriculum in HLC was designed in accordance with our school's vision and mission, students' interests and aptitudes, and the entrance requirements of the universities in Hong Kong.

The curriculum content includes

- 4 core subjects (Chinese Language, English Language, Liberal Studies and Mathematics)
- 3 elective subjects
- Other Learning Experiences (OLE)

In order to cater for the different needs and interests of our students, we provide a diversified curriculum which includes 12 elective subjects (plus 2 extended modules of Mathematics) with over 100 combinations.

All S4 students are required to take 3 electives so that they can better explore their interests and develop their aptitudes in the first year of the NSS.

In S5/S6, students will take 2 to 3 electives according to their abilities in order to achieve their best possible results to maximize their chances of acquiring a place in their desired universities. The subjects offered in our NSS curriculum are as follows:

### Subjects Offered in Different Grade Levels

	Learning Area	Subject	Medium of Instruction	S4 – 5	S6
The 4 Core Subjects	Language	Chinese Language	Chinese (Cantonese)	✓	✓
		English Language	English	✓	✓
	Mathematics	Mathematics*	English	✓	✓
	Liberal Studies	Liberal Studies	Chinese (Cantonese)	✓	✓
The 12 Elective Subjects	Science	Physics	English	✓	✓
		Chemistry	English	✓	✓
		Biology	English	✓	✓
		Combined Science (Physics & Chemistry)	English	✓	✓
	Language	Chinese Literature	Chinese (Cantonese)	✓	✓
	Personal, Social and Humanities	Chinese History	Chinese (Cantonese)	✓	✓
		History	English	✓	✓
		Geography	English	✓	✓
		Economics	English	✓	✓
		Tourism and Hospitality Studies	English	✓	✓
	Technology	Business, Accounting and Financial Studies	English	✓	✓
		Information and Communication Technology	English	✓	✓
Other Learning Experiences (Non-DSE Subjects)	Physical	Physical and Health Education	English	✓	✓
	Arts	Music	English	✓	
		Visual Arts	English	✓	

\* Extended Parts of Mathematics (Modules 1 and 2) are not elective subjects and they will be offered in the 2nd term of S4.

## **B. S4 Course Selection Mechanism**

### **Grouping of Elective Subjects**

The 12 elective subjects are arranged into the following 3 groups:

X1: C. Lit / Geo / Econ / Phy / Bio

X2: Hist / C. Hist / BAFS / ICT / Chem

X3: BAFS / Econ / THS / Comb. Science / Bio / ICT

Mathematics Extended Part: Modules 1 and 2 (M1 & M2) are optional and they are offered to classes C and D only.

### **Procedures of Filling in the Course Selection Form for Elective Subjects**

1. Students first choose the X1 subject: 1 represents the most desired subject while 5 represents the least.
2. For X2 subjects, they have to write down their preference for History and Chinese History using 1 and 2 for the case where they are allocated to class 4A or 4B according to X1. Similarly, for 4C/4D/4E, they should use 1, 2 and 3 to state their preference for BAFS, ICT and Chemistry.
3. They should write 1 to 6 to state their preference for X3 subjects and 1 to 3 for Mathematics modules.

**Sample of Course Selection Form**

	A	B		C	D	E	
X1a	Chinese Lit.	Geography	X1b	Economics	Physics	Biology	(1-5)
Choice							
X2a	History	Chinese History	X2b	BAFS	ICT	Chemistry	(1-3)
Choice			(1-2)				
X3	BAFS	Economics	THS	C. Science (Phy-Chem)	Biology	ICT	(1-6)
Choice							

Math. Module	C		D	
Compulsory / M1 / M2	Compulsory	Compulsory + M1: Calculus and Statistics	Compulsory + M2: Algebra and Calculus	(1-3)
Choice				

### **Procedures of Class Allocation**

1. Students are allocated into different subjects in the order of X1, X2 and X3.
2. If the number of students choosing a particular subject is lower than the quota of the subject, all students choosing that subject with 1<sup>st</sup> preference will be allocated to that subject.
3. If the number of students choosing a particular subject exceeds the quota, the priority score will be calculated according to the following formula:

$$\text{Priority score} = 50\% \times \text{particular subject score} + 50\% \times \text{annual average in S3}$$

<b>Subject</b>	<b>50%</b>	<b>50%</b>
Mathematics Module (M1/M2)	Mathematics (100% )	---
Chinese Literature	Chinese	Overall average
Geography	Geography	
Economics	Economics	
Physics	Physics	
Biology	Biology	
History	History	
Chinese History	Chinese History	
BAFS	Mathematics	
ICT	Mathematics	
Chemistry	Chemistry	
THS	English	
Combined Science	Physics + Chemistry (25% each)	

4. Students with higher priority score will be allocated to the desired class. Other students will be allocated to other classes based on their 2<sup>nd</sup> preference and the vacancy of the subject chosen. The processes of 2 and 3 will repeat until the students are allocated to a subject.
5. The quota for M1 and M2 is 15 each. The cut-off mark is 80 out of 100 (or 160 out of 200). If there are fewer than 15 students eligible, the subject teachers of M1 and M2 will consider whether the next candidate can fill up the place by discretion (taking subject teacher's comment into consideration). If more than 1 student ranked 15<sup>th</sup>, all the students who ranked 15<sup>th</sup> are eligible for going to M1/M2.

### **Enquiry and Appeal**

After course allocation results are released, parents or students can contact the school for enquiry or appeal from 4/8/2014 to 6/8/2014.

Students should first call the school at 21461128 and discuss with the related teachers (Form Teachers, Teachers from Data Processing Working Group, Careers/Further Education Guidance Working Group or Academic Affairs Committee). Parents can also send a letter to the school for appeal.

No appeal will be entertained after the above appeal period.

### **C. Subject Selection Strategies**

#### **Priorities**

It is suggested that you choose subjects:

- which you enjoy;
- in which you have achieved good results;
- which you are able to manage;
- which help you reach your career goals\*.

\*Ensure you select the prerequisite subjects required for your preferred university's courses. Whatever you want to do now, you will probably end up changing your mind loads of times before you find the right job. That is why it is important to keep the range of subjects balanced so that you will have more options when you come to choose courses and jobs in the future.

#### **General Entrance Requirements for Degree Programmes in Hong Kong (As At Sept 2013)**

<b>General Entrance Requirements</b>	<b>Remarks</b>
English Language : Level 3 Chinese Language : Level 3 Mathematics : Level 2 Liberal Studies : Level 2 Elective Subject: One or two elective subjects	✧ Levels required for electives vary among institutions ✧ Individual programmes have additional requirement(s) ✧ Details: <a href="http://334.edb.hkedcity.net/doc/chi/ER_of_UGC_c.pdf">http://334.edb.hkedcity.net/doc/chi/ER_of_UGC_c.pdf</a>

When it comes to details, students may have to know which subject is actually counted as relevant in enrolling for a specific faculty. Take the Faculty of Engineering as an example:

Programmes	Specific Subject Requirements	Admission Score Calculation
<b>The Chinese University of Hong Kong</b>		
Engineering	<ul style="list-style-type: none"> <li>✧ Level 3 or above in Compulsory Part of Mathematics</li> <li>✧ Two of the following: Biology/Chemistry/Physics/Combined Science/ICT</li> </ul>	<ul style="list-style-type: none"> <li>✧ 4 core subjects + 2 elective subjects; OR</li> <li>✧ 4 core subjects + 1 elective subject + M1/M2</li> </ul>
<b>The University of Hong Kong</b>		
Engineering	<ul style="list-style-type: none"> <li>✧ Level 3 or above in Compulsory Part of Mathematics</li> <li>✧ Sat for the paper of Extended Mathematics Module 1 or 2</li> <li>✧ Level 3 or above Physics / Combined Science with Physics</li> </ul>	The best 5 subjects including English and Mathematics, plus the best three among the remaining subjects (one of which can be M1/M2)

Further details:

1) Summary of entrance requirements of UGC-funded institutions for 2013 Admission

[http://transition.hkacmgm.org/files/download/HKACMGM\\_Requirement\\_UGC\\_121025.pdf](http://transition.hkacmgm.org/files/download/HKACMGM_Requirement_UGC_121025.pdf)

2) Admission Score Calculation

[http://transition.hkacmgm.org/drupal/system/files/03\\_JUPAS%20Admission%20score%20calculation\\_201300709.pdf](http://transition.hkacmgm.org/drupal/system/files/03_JUPAS%20Admission%20score%20calculation_201300709.pdf)



### Subject(s) Required for Faculties/Programmes in General

Faculty / Programme	Required DSE Subject(s)
Medicine / Pharmacy	Chemistry and Biology
Engineering	Physics and M1/M2
Nursing	Biology
Actuarial Science	M1/M2

Note: The entrance requirements may change from time to time. Visit the websites of JUPAS and institutions for most updated information.

### **D. Schedule of Activities and Procedures of NSS Course Selection**

Oct-Nov 2013	Four Careers Mapping Workshops for students in Reading Sessions (Held by careers teachers in homeroom periods)
22 Nov 2013	S3 Parents' Night (Overview of NSS curriculum, introduction of Mathematics and Liberal Studies, Other Learning Experiences, course selection mechanism, Q&A)
Feb 2014	Mock course selection
21 Mar 2014	S3 Parents' Night (Analysis of mock course selection results, rationale of curriculum design, introduction of elective subjects, careers talk, Q&A) Elective Subjects include: ICT, THS, Chinese Literature, Chinese History, History, Geography, Physics, Chemistry, Combined science, Biology, Economics, Business, Accounting and Financial Studies
Mar – May 2014	Careers guidance to individual students, if needed
9 May 2014	S3 Parents' Night (Revision of course selection mechanism, Q&A)
Early Jul 2014	Distribution of Rank Order of individual subjects and Final Course Selection Form
10 Jul 2014	Distribution of Report Card
11 Jul 2014	Deadline of submission of Final Course Selection Form
4 Aug 2014	Release of results of course selection in eClass
6 Aug 2014	Deadline of appeal of course selection results

## A. 基本資料

學校按照學校的願景及宗旨、學生的興趣、能力及本地大學收生要求去設計新高中課程。

本校新高中課程包括：

- 四個核心科目(中國語文、英國語文、數學、通識教育)
- 三個選修科目
- 其他學習經歷

為照顧不同學生的不同需要，本校提供多元化的課程，學生可從12個選修科目及數學延伸部份選擇超過100個科目組合。

中四學生須選讀3個選修科，而中五及中六學生則因應其能力修讀2至3個選修科，以增加入讀大學的機會。

以下是本校開辦之科目：

	學習領域	科目	教學語言	中四及中五	中六
4 個核心 科目	語文	中國語文	中文(廣東話)	✓	✓
		英國語文	英文	✓	✓
	數學	數學 *	英文	✓	✓
	通識教育	通識教育	中文(廣東話)	✓	✓

	學習領域	科目	教學語言	中四及中五	中六
12 個選 修科目	科學	物理	英文	✓	✓
		化學	英文	✓	✓
		生物	英文	✓	✓
		組合科學 (物理及化學)	英文	✓	✓
	語文	中國文學	中文(廣東話)	✓	✓
	個人、社會 及人文	中國歷史	中文(廣東話)	✓	✓
		歷史	英文	✓	✓
		地理	英文	✓	✓
		經濟	英文	✓	✓
		旅遊與款待	英文	✓	✓
	科技	企業會計與財務概論	英文	✓	✓
		資訊及通訊科技	英文	✓	✓
其他學習 經歷 (非 文憑試科 目)	體育	體育及健康教育	英文	✓	✓
	藝術	音樂	英文	✓	
		視覺藝術	英文	✓	

\*數學延伸部份(單元一或單元二)並非選修科目;選修數學延伸部份的學

生於中四下學期正式開始修讀該科

## B. 中四選科機制

### 選修科目組合

12 個選修科目設置分為以下 3 組：

X1：中國文學 / 地理 / 經濟 / 物理 / 生物

X2：歷史 / 中國歷史 / 企業會計與財務概論 / 資訊及通訊科技 / 化學

X3：企業會計與財務概論 / 經濟 / 旅遊與款待 / 組合科學（物理及化學） / 生物 / 資訊及通訊科技

數學延伸部份：選修單元一或單元二，只供 C 及 D 班學生選讀。

### 選修科意願表填寫程序

1. 學生首先選擇X1選修科目：1代表第一志願，5代表第五志願。
2. X2選修科目：如學生根據X1的選修科目意願選擇而被分配到A或B班，須填上1、2代表選讀歷史 / 中國歷史的優先次序；同樣，如學生根據X1的選修科目意願選擇而被分配到C、D或E班，須填上1、2、3代表選讀企業會計與財務概論 / 資訊及通訊科技 / 化學的優先次序。
3. X3選修科目：學生須填上1、2、3、4、5及6以代表選讀優先次序；  
數學延伸部份：學生須填上1、2及3代表選讀優先次序。

選修科意願表樣本

	A	B		C	D	E	
X1a	中國文學	地理	X1b	經濟	物理	生物	(1-5)
選擇							
X2a	歷史	中國歷史	X2b	企業會計 與財務概 論	資訊及通 訊科技	化學	(1-3)
選擇			(1-2)				
X3	企業會計 與財務概 論	經濟	旅遊與 款待	組合科學 (物理及化 學)	生物	資訊及通 訊科技	(1-6)
選擇							

數學科選修單元	C		D		
必修/單元一/單 元二	必修	必修+單元 一：微積分 與統計	必修+單元 二：代數與 微積分	(1-3)	
選擇					

## 編班程序

1. 根據學生選修科目X1，X2和X3意願優先次序而被編配就讀選修科目。
2. 如果學生選擇之選修科目總修讀班人數低於配額，所有的學生將被編配至第一志願。
3. 如果學生選擇之選修科目總修讀班人數超出配額，學生優先等級分數將按下列甄選評分機制公式計算：

$$\text{優先等級分數} = 50\% \text{ 有關科目之全年總平均分} + 50\% \text{ 中三全年總平均分}$$

科目	50%	50%
數學選修單元(一、二)	數學 (100%)	---
中國文學	中國語文	全年總平均分
地理	地理	
經濟	經濟	
物理	物理	
生物	生物	
歷史	歷史	

科目	50%	50%
中國歷史	中國歷史	
企業會計與財務概論	數學	
資訊及通訊科技	數學	
化學	化學	
旅遊與款待	英文	
組合科學(物理及化學)	物理+化學 (各佔 25%)	

4. 學生具有較高的優先等級分數將被編配較理想班別。其他學生將根據其第二志願及選修科目的學額空缺而被編配班別。第2及3的程序將重複，直到所有學生均被編配。
5. 數學選修單元一和單元二的學額分別是每班15人。入讀分數要求為80分(以100作滿分)或160分(以200作滿分)。如果該年不足15名學生達到修讀資格，數學選修單元一和單元二教師具有考慮下一個學生能否填補該空缺的決定權(納入考慮科任老師的意見)。如果超過1名學生的優先等級分數排第15名，優先等級分數排第15名的所有學生均獲修讀數學選修單元一和單元二的資格。

## 查詢及上訴

當編班結果公佈後，學生或家長可於 2014 年 8 月 4 日至 2014 年 8 月 6 日與學校聯絡，查詢或上訴編班結果。

學生應先致電學校 21461128，與相關教師（班主任，數據處理工作組教師，升學及擇業組教師或學務組教師）進行討論。如有需要，家長可發送申請信予學校提出上訴。

如逾期上訴者，其申請將不獲受理。

## C. 選科策略

建議選擇：

- 喜愛的科目；
- 成績好的科目；
- 能發揮個人能力的科目；
- 和心目中理想職業相關科目\*

\*同學決定選修科時，要考慮大專院校課程入學要求。因應時代的變遷與需要，同學必須在選科時，平衡多方面的要求，以便三年後報讀學系時有較多的選擇。



## 學士學位課程最低入學要求(二零一三年九月)

最低入學要求	備註
英國語文科達三級	◇ 每所學院對選修科成績要求不一樣
中國語文科達三級	◇ 個別課程有額外要求
數學科達二級	◇ 詳情:
通識科達二級	<a href="http://334.edb.hkedcity.net/doc/chi/ER_of_UGC_c.pdf">http://334.edb.hkedcity.net/doc/chi/ER_of_UGC_c.pdf</a>
一科或兩科選修科	

某些學系有指定的選修科目，同學宜先瞭解相關資料。以工程學系為例：

課程	個別課程要求	入學分數計算法
<b>中文大學</b>		
工程學	◇ 數學科達三級 ◇ 修讀下列兩科選修科目：物理/化學/生物/組合科學/資訊及通訊科技	◇ 四科核心科目 +兩個選修科； 或 ◇ 四科核心科目 +一個選修科+數學延伸部份(單元一或二)

香港大學		
工程學	<ul style="list-style-type: none"> <li>◇ 數學延伸部份 (單元一或二)</li> <li>◇ 數學科達三級</li> <li>◇ 物理/組合科學(物理) 達三級</li> </ul>	最佳五科成績總和  (必須包括英文科及數學科，數學單元一或二的成績也可計算在內)

有關資訊：

1) 政府資助學位課程收生要求(2013年入學)

[http://transition.hkacmgm.org/files/download/HKACMGM\\_Requirement\\_UGC\\_121025.pdf](http://transition.hkacmgm.org/files/download/HKACMGM_Requirement_UGC_121025.pdf)

2) 入學分數計算法

[http://transition.hkacmgm.org/drupal/system/files/03\\_JUPAS%20Admission%20score%20calculation\\_201300709.pdf](http://transition.hkacmgm.org/drupal/system/files/03_JUPAS%20Admission%20score%20calculation_201300709.pdf)

### 個別課程要求

課程	必需修讀以下選修科
醫學 / 藥劑學	化學+生物
工程學	物理 + 數學延伸部份 (單元一或二)
護理學	生物
數學精研	數學延伸部份 (單元一或二)

注意：大專院校課程入學要求可能會改變，同學須到聯招及院校網頁獲取

最新資料

#### D. 新高中選科活動及流程

2013年 10月至11月	校本「生涯規劃」工作坊  (於班主任課舉行，由升學及擇業輔導組老師主持)
2013年 11月22日	家長晚會(新高中課程概覽、數學科及通識科簡介、其他學習經歷、選科機制及答問時間)
2014年2月	模擬選科
2014年 3月21日	家長晚會(模擬選科分析結果、本校新高中課程設計理念、各選修科目詳細介紹、升學及擇業輔導組講座及答問時間)
2014年 3月至5月	在模擬選科公佈結果後作個別升學及擇業輔導(如有需要)
2014年5月至9月	家長晚會(重溫選科程序及答問時間)
2014年7月上旬	派發各科級名次排名、選修科意願修改表資料
2014年7月10日	派發成績表
2014年7月11日	同學提交選修科意願修改表
2014年8月4日	於 eClass 公佈選科結果
2014年8月6日	上訴選科結果限期