

Entrance Requirements of University Grants Committee-funded Institutions on Mathematics

Students applying for the 4-year undergraduate programmes offered by the UGC-funded institutions have to attain Level 2 for Mathematics in HKDSE (Please visit the website <http://334.edb.hkedcity.net/EN/pathways-01.php> for general entrance requirements of individual institutions). Institutions may set additional faculty/programme requirements in consideration of the specific nature and needs of the programmes, as well as students' abilities required to benefit from their studies. The additional requirements or selection criteria on the Compulsory Part (CP) and the Extended Part (EP), which is comprised of Module 1 (M1) and Module 2 (M2), of Mathematics are as follows*:

1. [City University of Hong Kong](#)
2. [Hong Kong Baptist University](#)
3. [Lingnan University](#)
4. [The Chinese University of Hong Kong](#)
5. [The Hong Kong Institute of Education](#)
6. [The Hong Kong Polytechnic University](#)
7. [The Hong Kong University of Science and Technology](#)
8. [The University of Hong Kong](#)

* The information is retrieved from the websites of individual institutions in May 2014.
Please check their websites for further details and more updated information.

1. City University of Hong Kong

The following table shows the minimum entrance requirements on Mathematics (for 2014 entry) and the weightings for Mathematics and other subjects in the calculation of admissions scores for different colleges and schools (for 2014 entry)*:

College / School	Stream	Minimum requirements (for 2014 entry)	Weighting (for 2014 entry)				
			CP	Chi	Eng	LS	X**
College of Business		CP (Level 3)	1.5	1	2	1	1
College of Liberal Arts and Social Sciences		CP (Level 2)	1	1	2	1.5	1
College of Science and Engineering	Engineering	CP (Level 2) M1/M2 is regarded as one of the subjects advised to study	1.5	1	2	1	1.5/ 1 ^a
	Science	CP (Level 2) + One of the specific elective subjects (Level 3) (not including M1/M2) OR CP (Level 3) + any one of the other elective subjects (Level 3)	1.5	1	2	1	1.5 1
School of Creative Media		CP (Level 2)	1	1	2	1	1
School of Energy and Environment		CP (Level 2)	2.5	1	2	1	2.5/ 1 ^b
School of Law		CP (Level 2)	1	1	1	1	1

* For further details, please visit:

https://www.admo.cityu.edu.hk/jupas_hkdse/entreq/bd/

http://www.admo.cityu.edu.hk/jupas_hkdse/assessment/bd

** “X” denotes elective subjects.

- The weighting for specific elective subjects (not including M1/M2) is 1.5 and that for other is 1.
- The weighting for specific elective subjects (not including M1/M2) is 2.5 and that for other is 1.

Starting from Year 2016, the minimum General Entrance Requirements for admission to bachelor's degree programmes will be revised from '4 + 1' (4 core subjects + 1 elective subject) to '4 + 2' (4 core subjects + 2 elective Subjects)^c:

	HKDSE Core Subjects				HKDSE Elective Subjects	
	English	Chinese	Mathematics	Liberal Studies	Elective 1	Elective 2
2014 and 2015	Level 3	Level 3	Level 2	Level 2	Level 3	Not required
2016 onwards	Level 3	Level 3	Level 2	Level 2	Level 3	Level 3

College / School/ Department	Additional minimum entrance requirements on Mathematics	Remarks
College of Business	Level 3 in CP	
Department of Architecture and Civil Engineering	Level 3 in CP	Unspecified electives may include M1/M2.
Department of Biology and Chemistry		If students attain Level 3 or above in CP, one of the electives may be NOT on the list of specified electives.
Department of Electronic Engineering		M1/M2 is one of the specified electives and unspecified electives may include M1/M2. M1/M2 can be counted toward one elective only.
Department of Mathematics	Level 3 in CP	The two electives must be on the list of specified subjects which include M1/M2. M1/M2 can be counted toward one elective only.
Department of Mechanical and Biomedical Engineering		Unspecified electives may include M1/M2.
Department of Physics and Materials Science		Unspecified electives may include M1/M2.
Department of Systems Engineering and Engineering Management		The two electives must be on the list of specified subjects which include M1/M2. M1/M2 can be counted toward one elective only.
School of Energy and Environment		Unspecified electives may include M1/M2.

- c. The information on the minimum General Entrance Requirements for admission to bachelor's degree programmes from Year 2016 is extracted from the leaflet attached in the letter to school principals from Admissions Office, City University of Hong Kong entitled "Changes to CityU Entrance Requirements and Admission Arrangements for HKDSE Students", dated 25 June 2014.

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2. Hong Kong Baptist University

(A) Programme Specific Minimum Entrance Requirements

For the programme “Bachelor of Science”, the Extended Part (i.e. M1/M2) is considered as an elective subject (the minimum level requirement is 2).

For further details, please visit:

http://buar2.hkbu.edu.hk/pros/admiss_schemes/jupas_hkdse/uni_admiss_req_policies/sci/

(B) HKDSE Assessment Criteria for 2014 Entry (For reference only)

(i) Calculation of Academic Scores

The subject weights of the core and elective subjects for all programmes are as follows:

Programme Title	CP	M1/M2	Chi	Eng	LS	Electives
	Subject Weights					
BA(ELL)&BEd(ELT)	150	100	150	200	150	Lit. in Eng.: 200 Chi. Lit.: 150 Others: 100
BSocSc(COMM)	100	100	150	150	100	All: 100
BCM&BSc(BIOMED)	125	100	150	150	100	Bio: 150 Chi. Hist., Chi. Lit., Chem., Comb. Sc., Phy.: 125 Others: 100
BPHARM	125	100	150	150	100	Chem.: 150 Bio., Chi. Lit., Comb. Sc., Phy.: 125 Others: 100
BA/BSocSc, BSocSc(CHINASTUDIES)	100	100	200	200	100	All: 100
BA(PERM)	100	100	100	100	100	Phy. Ed.: 120 Others: 100
BSocSc(EURO-FREN), BSocSc(EURO-GERM)	100	100	100	120	100	All: 100
BA, BA(MUSIC), BBA(ACCT), BBA, BSc, BSW, BA/BSocSc&BEd, BA(VA)	100	100	100	100	100	All: 100

(ii) Calculation of HKDSE Standard Score

In addition to adopting HKDSE Academic Score in the admission process, some programmes may consider using HKDSE Standard Score for calculation of the admission score. In general, HKDSE Standard Score are the sum of scores of four HKDSE core subjects and one or two best elective(s), including M1/M2. If the individual programme requires specified elective subject(s), this (those) should refer to such one or two best elective(s).

For further details, please visit:

http://buar2.hkbu.edu.hk/pros/admiss_schemes/jupas_hkdse/asse_criteria/

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3. Lingnan University

For 2014 JUPAS admission, the following programmes give heavier weighting to the Compulsory Part of Mathematics in addition to Chinese Language and English Language:

Bachelor of Business Administration (Honours)

Bachelor of Social Sciences (Honours)

For further details, please visit:

<http://www.ln.edu.hk/admissions/jupas/4-year/sw.php>

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4. The Chinese University of Hong Kong

The following table shows the additional requirements of different Programme/Stream on Mathematics (2014 Entry)*:

Faculty	Programme/Stream	Additional requirements on Mathematics (2014 Entry)	Heavier weighting given to CP (2014 Entry)	Heavier weighting given to EP (2014 Entry)
Arts	Translation	CP (Level 3)		
Business Administration	Global Business Studies	CP (Level 3)		
	Global Economics and Finance			
	International Business and Chinese Enterprise			
	Professional Accountancy			
	Insurance, Financial and Actuarial Analysis / Quantitative Finance	CP (Level 3) and M1/M2 (Level 3)		
	Quantitative Finance and Risk Management Science			
Education	Mathematics and Mathematics Education	CP (Level 4) and M1/M2 (Level 3)	✓	✓
Engineering	Engineering	CP (Level 3) Remarks: (1) M1/M2 is preferred (2) Either 4 Core + 2 electives <u>or</u> 4 Core + 1 elective + M1/M2 is accepted for fulfillment of the programme requirements	✓	✓
Law	Bachelor of Laws	CP (Level 3)		

Faculty	Programme/Stream	Additional requirements on Mathematics (2014 Entry)	Heavier weighting given to CP (2014 Entry)	Heavier weighting given to EP (2014 Entry)
Medicine	Medicine (MBChB) programme;	CP (Level 3)		
	Medicine (MBChB) programme Global Physician-Leadership Stream	Taking M1/M2 will be strongly recommended		
	Pharmacy	CP (Level 3)		
	Public Health			
Science	Science	Biology or Chemistry or Physics or Combined Science or Integrated Science or Mathematics Extended Module 1 or 2** (Level 3) **Applicants who attain level 3 in M1/M2 still have to take one more Category A subject (level 3 or above)		✓
	Enrichment Mathematics	CP (Level 4) and M1/M2 (Level 4) Remark: In calculating the admission score, M1/M2 with Level 4 or above is equivalent to an elective subject. Good performance in M1/M2 will attract an additional bonus.	✓	✓
	Quantitative Finance and Risk Management Science	CP (Level 3) and M1/M2 (Level 3)		
	Risk Management Science	CP (Level 3) and M1/M2 (Level 3) Remark: In calculating the admission score, M1/M2		

Faculty	Programme/Stream	Additional requirements on Mathematics (2014 Entry)	Heavier weighting given to CP (2014 Entry)	Heavier weighting given to EP (2014 Entry)
		with Level 3 or above is equivalent to an elective subject. Good performance in M1/M2 will attract an additional bonus.		
Social Science	Architectural Studies	CP (Level 3)	✓	
	Global Economics and Finance	CP (Level 3)		
	Economics	CP (Level 3) Mathematics and Economics are preferred	✓	
	Psychology		✓	

For further details, please visit:

http://www5.cuhk.edu.hk/oafa/oafa_media/article/jupas/add_requ_of_pgms_14.pdf

<http://www5.cuhk.edu.hk/oafa/index.php/jupas/jupas-4-year-cohort-3/programme-information/39-jupas/386-prog-heavier-weighting>

* From **2015** entry onwards, candidates who study 4 core and 2 elective subjects, or 4 core and 1 elective subject and the Mathematics (Extended Part) Module 1 or 2, are eligible to apply for admission to undergraduate programmes at the University.

The minimum requirements for the 4 core subjects, elective subjects and/or M1/M2 are as follows

Subject	CP	Eng	Chi	LS	Elective 1	Elective 2 or M1/M2
Level requirement	2	3	3	2	3	3

<http://www5.cuhk.edu.hk/oafa/index.php/jupas/2015-admission>

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5. The Hong Kong Institute of Education

Specific requirements on Mathematics:

Faculty	Programme	Specific minimum requirements on Mathematics
Liberal Arts and Social Sciences	Bachelor of Education (Honours) (Primary) – Mathematics Major	CP (Level 3) and M1/M2 (Level 2) ^{Note}

Note: Applicants cannot use Extended Part in Maths as a substitute for the Compulsory Maths, nor can it be counted as an elective subject for the purpose of meeting the General Entrance Requirements.

For further details, please visit:

http://www.ied.edu.hk/degree/app_jupas_dse.htm

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6. The Hong Kong Polytechnic University

(A) General entrance requirements

Students not meeting the level requirement of the elective subject may be specially considered if they have attained Level 2 in M1/M2 (*not applicable to programmes offered by the School of Nursing*).

For further details, please visit:

<http://4yc.polyu.edu.hk/entrance.html>

(B) Admission score calculation with effect from the 2013/14 admission exercise

- There are 3 models for admission score calculation: (i) “4 Core + 1 Best Elective”, (ii) “Any Best 5 Subjects”, and (iii) “Chinese & English Language + Any Best 3 Subjects”.
- Core subjects are given a weighting of at least 7 whilst preferred subjects will be given a weighting of 10. All other subjects (including relevant Applied Learning subjects) will be given a weighting of at least 5.
- Programmes which have specified M1/M2 as subjects with the highest weighting, if the weighted score of M1/M2 is higher than that of the “best weighted elective” under the “4X + 1” model, or the “last best weighted subject” under models (ii) and (iii) above, the “best weighted elective” or the “last best weighted subject”, and M1/M2 will each carry 50% weight in the admission score calculation

For further details, please visit:

http://www38.polyu.edu.hk/aseprospectus/jsp/misc_bookmark.jsp?cms_menu_id=8030&websiteId=1&schemeId=201310&langId=1

The following table shows the programmes that prefer M1/M2 or regard Mathematics (CP or EP) as a subject with the highest weighting:

Broad Discipline	Programme	Preferred M1/M2	CP with the highest weighting	EP with the highest weighting
Business	Accountancy		✓	
	Accounting and Finance			
	Broad Discipline of Business			
	Financial Services			
	Global Supply Chain Management			
	International Shipping and Transport Logistics			
	Management			
	Marketing			
Applied Sciences	Broad Discipline of Applied Sciences		✓	✓
	Engineering Physics			
	Investment Science			
	Applied Biology with Biotechnology			
	Food Safety and Technology			
	Chemical Technology		✓	
Computing	Broad Discipline of Computing	✓	✓	✓
Construction and Environment	Broad Discipline of Construction and Environment	✓	✓	✓
	Building Engineering and Management			
	Building Services Engineering			
	Civil Engineering			
	Environment and Sustainable Development			
	Geomatics			
Design	Design		✓	
Engineering	Broad Discipline of Engineering	✓	✓	✓
	Biomedical Engineering			
	Electrical Engineering			
	Mechanical Engineering			
	Product Analysis and Engineering Design			
	Transportation Systems Engineering			
	Electronic and Information Engineering		✓	
	Enterprise Engineering with Management			
	Industrial and System Engineering			
	Internet and Multimedia Technologies			
	Logistics Engineering with Management			
	Product Engineering with Marketing			

Broad Discipline	Programme	Preferred M1/M2	CP with the highest weighting	EP with the highest weighting
Fashion and Textiles	Fashion and Textiles		✓	
Health Sciences	Radiography	✓	✓	✓
	Medical Laboratory Science			
	Mental Health Nursing			
	Nursing		✓	
	Optometry			
Social Sciences	Social Policy and Administration		✓	

For further details, please visit:

http://www38.polyu.edu.hk/aseprospectus/jsp/entrance_req.jsp?websiteId=1&schemeId=201310&langId=1

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7. The Hong Kong University of Science and Technology

(A) General entrance requirements

- The University requires:
4 Core subjects + 2 Elective subjects OR
4 Core subjects + M1/M2 + 1 Elective subject
- The minimum level required for each subject is:

Subject	CP	Eng	Chi	LS	Elective 1	Elective 2 or M1/M2
Level requirement	2	3	3	2	3	3

(B) School-specific requirements

School	Specific requirements on Mathematics
Business and Management	CP (Level 3)
Engineering	CP (Level 3)
Science	One of the elective subjects must be on the list of specific elective subjects which includes M1/M2

(C) Subject weighting

School	Score Calculation		
	No. of subjects	Subject ("Other subjects" below may include core subjects, electives and M1/M2)	Weighting
Science	5	1. English Language	× 1
		2. CP	× 1
		3. Best of: Biology/ Chemistry/ Physics/ Combined Science/ Integrated Science/ M1/ M2	× 1
		4-5. Best 2 other subjects	× 1

School	Score Calculation		
	No. of subjects	Subject ("Other subjects" below may include core subjects, electives and M1/M2)	Weighting
Engineering	5	1. English Language 2. CP 3. Best of Biology/Chemistry/Physics/Combined Science/ICT 4-5. Best 2 other subjects (i) M1/M2 (ii) Any other subjects	× 2 × 2 × 2 (ICT × 1) × 1.5 × 1
Business and Management	6	1. English Language 2. CP 3-6. Best 4 other subjects	× 2 × 2 × 1
Humanities and Social Science	6	1. English Language 2-6. 5 Best other subjects (may include a Cat C subject)	× 2 × 1

For further details, please visit:

http://join.ust.hk/local/jupas/apply_jupas_entry_general.html

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5. The University of Hong Kong

(A) Programme Entrance Requirements for 2014 JUPAS Applicants (Additional Requirements on CP, M1 or M2)

Faculty	Programme	Additional minimum requirements on Mathematics
Business and Economics	Bachelor of Economics/Bachelor of Economics and Finance	CP (Level 3)
	Bachelor of Business Administration/Bachelor of Business Administration in Accounting and Finance	
	Bachelor of Business Administration (Law) and Bachelor of Laws	
	Bachelor of Business Administration (International Business and Global Management)	
	Bachelor of Business Administration (Information Systems)	CP (Level 3) and M1/M2 (Level 3)
	Bachelor of Science (Quantitative Finance)	
Dentistry	Bachelor of Dental Surgery	CP (Level 3)
Engineering	Bachelor of Engineering	CP (Level 3) and M1/M2 (Level 3) preferred (but not required)
	Bachelor of Engineering in Engineering Science	
Science	Bachelor of Science in Actuarial Science	CP (Level 4) and M1/M2 (Level 4)

For further details, please visit:

http://www.asa.hku.hk/admissions/ug/prospectus/reference_appendices2.html

(B) Selection Principles and Subject Weighting for 2014 JUPAS Admissions

After fulfilling the university entrance requirements and programme entrance requirements, the undergraduate programmes will use either the '4C+2X' or the 'Best 5 subjects' principles (the combination of the best 5 subjects can be '3C+2X' or '2C+3X') to consider candidates' admission. Some programmes give heavier weighting to certain HKDSE subjects and different programmes may consider a selection of factors in addition to HKDSE results.

Faculty	Programme	4C + 2X	Best 5	Heavier weighting		Remarks
				CP	M1/ M2	
Business and Economics	Bachelor of Economics/ Bachelor of Economics and Finance	✓		✓		M1/M2 can be included in one of 2Xs
	Bachelor of Business Administration / Bachelor of Business Administration in Accounting and Finance	✓		✓	✓	M1/M2 can be included in lieu of CP
	Bachelor of Business Administration (Information Systems)	✓		✓	✓	M1/M2 must be included in one of 2Xs; the better result in Math or M1/M2 will be given heavier weighting than Chinese and elective subjects
	Bachelor of Business Administration (Law) and Bachelor of Laws	✓		✓	✓	M1/M2 can be included in lieu of CP
	Bachelor of Science (Quantitative Finance)	✓			✓	M1/M2 must be included in one of 2Xs
	Bachelor of Business Administration (International Business and Global Management)	✓		✓	✓	M1/M2 can be included in lieu of CP
Dentistry	Bachelor of Dental Surgery	✓		✓		

Faculty	Programme	4C + 2X	Best 5	Heavier weighting		Remarks
				CP	M1/ M2	
Education	Bachelor of Education and Bachelor of Science		✓	✓	✓	CP must be included and M1/M2 can be included in the best 5 subjects; CP and M1/M2 will be given heavier weighting than English and non- science elective subjects
Engineering	Bachelor of Engineering		✓			CP must be included and M1/M2 can be included in the best 5 subjects; M1/M2 is one of the factors that may be taken into consideration
	Bachelor of Engineering in Engineering Science		✓			CP must be included and M1/M2 can be included in the best 5 subjects; M1/M2 is one of the factors that may be taken into consideration
Medicine	Bachelor of Medicine and Bachelor of Surgery	✓				M1/M2 is one of the factors that may be taken into consideration

Faculty	Programme	4C + 2X	Best 5	Heavier weighting		Remarks
				CP	M1/ M2	
Science	Bachelor of Science		✓	✓	✓	CP must be included and M1/M2 can be included in the best 5 subjects; CP and M1/M2 will be given heavier weighting than English and non-science elective subjects
	Bachelor of Science in Actuarial Science	✓		✓	✓	M1/M2 must be included; CP and M1/M2 will be given heavier weighting than Chinese and elective subjects

For further details, please visit:

<http://localcms.als.hku.hk/admission/local/one-stop-shop/admission-info>

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