

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 January 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 2013 entry)*:

College / School	Stream	Minimum requirements (for 2014 entry)	Weighting (for 2013 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/ ,
https://www.admo.cityu.edu.hk/hkdse_scores/scores_2013 .

** “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.

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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 2013 Entry (For reference only)

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	50	150	200	150	Lit. in Eng.: 200 Chi. Lit.: 150 Others: 100
BSocSc(COMM)	100	50	150	150	100	All: 100
BCM&BSc(BIOMED)	125	50	150	150	100	Bio: 150 Chi. Hist., Chi. Lit., Chem., Comb. Sc., Phy.: 125 Others: 100
BPHARM	125	50	150	150	100	Chem.: 150 Bio., Chi. Lit., Comb. Sc., Phy.: 125 Others: 100
BSc	100	100	100	100	100	All: 100
BA/BSocSc, BSocSc(CHINASTUDIES)	100	50	200	200	100	All: 100
BA(PERM)	100	50	100	100	100	Phy. Ed.: 120 Others: 100
BA, BA(MUSIC), BBA(ACCT), BBA, BSocSc(EURO-FREN), BSocSc(EURO-GERM), BSW, BA/BSocSc&BEd, BA(VA)	100	50	100	100	100	All: 100

For further details, please visit:

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

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3. Lingnan University

No additional requirements on Mathematics.

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4. The Chinese University of Hong Kong

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

Faculty	Programme/Stream	Additional requirements on Mathematics (2014 Entry)	Heavier weighting given to CP (2013 Entry)	Heavier weighting given to EP (2013 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 (2013 Entry)	Heavier weighting given to EP (2013 Entry)
Medicine	Medicine (MBChB) programme; Medicine (MBChB) programme Global Physician-Leadership Stream	CP (Level 3) Taking M1/M2 will be strongly recommended		
	Pharmacy	CP (Level 3)		
	Public Health			
Science	Science	M1/M2 (Level 3) + any one elective subject (Level 3) other than the specific elective subjects OR One of the specific elective subjects (Level 3)		✓ (in one option)
	Enrichment Mathematics	CP (Level 4) and M1/M2 (Level 4)	✓	✓
	Quantitative Finance and Risk Management Science	CP (Level 3) and M1/M2 (Level 3)		
	Risk Management Science			
Social Science	Architectural Studies	CP (Level 3)	✓	
	Global Economics and Finance			
	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-2013> .

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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)

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		✓	
	Chemical Technology			
	Food Safety and 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	Additional requirements on Mathematics
Business and Management	CP (Level 3)
Engineering	CP (Level 3)
Science	Elective 1 (Level 3) and Elective 2 (Level 3) M1/M2 can be accepted in place of an elective One of Electives must be on the list of specific elective subjects (including 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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8. The University of Hong Kong

(A) Additional Requirements on CP, M1 or M2 (for 2013 JUPAS candidates)

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)
	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 Criteria (for 2013 JUPAS candidates):

Either the “4 Core + 2 Best Elective” or “Best 5 Subjects” principles are considered for 2013 JUPAS candidates

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			✓		For candidates who take both CP and M1/M2, heavier weighting will be given to CP or M1/M2, whichever has a higher level
	Bachelor of Business Administration (Information Systems)	✓		✓	✓	M1/M2 must be included in one of 2Xs
	Bachelor of Business Administration (Law)	✓		✓		For candidates who take both CP and M1/M2, heavier weighting will be given to CP or M1/M2, whichever has a higher level
	Bachelor of Science (Quantitative Finance)	✓			✓	M1/M2 must be included in one of 2Xs
	Bachelor of Business Administration (International Business and Global Management)			✓		For candidates who take both CP and M1/M2, heavier weighting will be given to CP or M1/M2, whichever has a higher level
Dentistry	Bachelor of Dental Surgery			✓		
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

Faculty	Programme	4C + 2X	Best 5	Heavier weighting		Remarks
				CP	M1/ M2	
						given a heavier weighting than English and non-science elective subject
Engineering	Bachelor of Engineering		✓			CP must be included and M1/M2 can be included in the best 5 subjects
	Bachelor of Engineering in Engineering Science		✓			CP must be included and M1/M2 can be included in the best 5 subjects
Medicine	Bachelor of Medicine and Bachelor of Surgery					M1/M2 may be taken into consideration as other factors
	Bachelor of Biomedical Sciences					M1/M2 may be taken into consideration as other factors
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 a heavier weighting than English and non-science elective subject
	Bachelor of Science in Actuarial Science	✓		✓	✓	M1/M2 must be included in one of 2Xs

For further details, please visit:

http://localcms.als.hku.hk/admission/local/file/upload/360/Selection_Principles_0520.pdf .

http://localcms.als.hku.hk/admission/local/file/upload/359/Subject_Weighting_0516.pdf .

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