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Global University
Employability

HR Consultancy Emerging and Times Higher Education 2022

JUPAS PROGRAMS TABLE

	MAJOR PROGRAMS	APPLICATION CHOICES						
	International Research Enrichment Students from the School of Science could apply to the	US5101 International Research Enrichment ne International Research Enrichment Program after the first year of stud						
	BSc in Data Analytics in Science	US5102 Science (Group A)						
	DC a in Mathematica #@	JS5102 Science (Group A)						
	BSc in Mathematics #@	OR						
	BSc in Physics #	JS5181 Science (Group A) with an Extended Major in Artificial Intelligence						
SCHOOL OF SCIENCE	BSc in Biochemistry and Cell Biology							
	BSc in Biotechnology	JS5103 Science (Group B)						
	BSc in Chemistry							
		JS5102 Science (Group A)						
	DC ' O C ' IT I I #9	OR						
	BSc in Ocean Science and Technology #@	JS5181 Science (Group A) with an Extended Major in Artificial Intelligence						
		JS5103 Science (Group B)						
	BEng in Aerospace Engineering #@							
	BEng in Bioengineering #							
	BEng in Chemical Engineering #							
	BEng in Chemical and Environmental Engineering #							
	BEng in Civil Engineering #@							
2011001 05	BEng in Civil and Environmental Engineering ** BEng in Computer Engineering ** BEng in Computer Engineering **	JS5200 Engineering						
SCHOOL OF ENGINEERING	BEng in Computer Engineering #@ BEng / BSc in Computer Science #@	OR						
		JS5282 Engineering with an Extended Major in Artificial Intelligence						
	BEng in Decision Analytics #@ BEng in Electronic Engineering #@							
	BEng in Electronic Engineering #@							
	BEng in Industrial Engineering and Engineering Management ^{#@}							
	BEng in Mechanical Engineering #@							
	BEng in Sustainable Energy Engineering #							
	All Programs Offered by the School of Business and Management	JS5300 Business and Management *						
	BBA in Economics #@	JS5311 BBA in Economics						
	BBA in Finance #@	JS5312 BBA in Finance						
	BBA in Global Business #@	US5313 BBA in Global Business						
SCHOOL OF	BBA in Information Systems **@	US5314 BBA in Information Systems						
BUSINESS AND MANAGEMENT	BBA in Management #@	US5315 BBA in Management						
	BBA in Marketing #@	US5316 BBA in Marketing						
	BBA in Operations Management #@	US5317 BBA in Operations Management						
	BBA in Professional Accounting #@	US5318 BBA in Professional Accounting						
	BSc in Economics and Finance #@	US5331 BSc in Economics and Finance						
	BSc in Quantitative Finance ^{#@}	US5332 BSc in Quantitative Finance						
	BBA in General Business Management							
SCHOOL OF	BSc in Global China Studies @	JS5411 BSc in Global China Studies						
HUMANITIES AND SOCIAL SCIENCE	BSc in Quantitative Social Analysis @	JS5412 BSc in Quantitative Social Analysis						
	BEng / BSc & BBA Dual Degree Program in Technology and Management (Remark 1)	JS5901 BEng / BSc & BBA Dual Degree Program in Technology and Management						
ACADEMY OF	BSc in Environmental Management and Technology	JS5812 BSc in Environmental Management and Technology						
INTERDISCIPLINARY	BSc in Integrative Systems and Design #@	US5711 BSc in Integrative Systems and Design						
STUDIES	BSc in Individualized Interdisciplinary Major	000711 Doc infinegrative dysterns and Design						
	Students from all Schools could apply to the interdisc	iplinary programs above after the first year of study.						
	BSc in Biotechnology and Business (Remark 2)	US5811 BSc in Biotechnology and Business						
	BSc in Mathematics and Economics (Remark 2)	US5813 BSc in Mathematics and Economics						
JOINT	BSc in Risk Management and Business Intelligence #@ (Remark 3)	JS5814 BSc in Risk Management and Business Intelligence						
JOINT PROGRAMS	BSc in Sustainable and Green Finance (Remark 4)	US5822 BSc in Sustainable and Green Finance						
	BSc in Data Science and Technology #(Remark 5)	JS5102 Science (Group A) JS5200 Engineering JS5202 Engineering with an Extended Major in Artificial Intelligence						
	Students from respective Schools (alassa refer to the	US5282 Engineering with an Extended Major in Artificial Intelligence e remarks) could apply to joint program(s) after their first year of study.						
	Stodents in orth espective actions (piedse refer to the	errennarker could apply to joint program(s) after their first year or stody.						

SCHOOL-BASED APPLICATION CHOICES

Students who wish to spend more time exploring their interests may apply and be admitted to a School without declaring a major. They would apply to major program(s) during the Major Selection Exercise at the end of the second semester in Year 1 or the first semester in Year 2.

PROGRAM-BASED APPLICATION CHOICES

Students who have developed clear interests in specific program(s) may apply and be admitted directly to the program(s) of their choice.

WE ARE FLEXIBLE AND INTERDISCIPLINARY

At HKUST, we provide you with the flexibility to choose your programs. While you can directly apply to some of the programs at the application stage, you may apply to the School of Science, School of Engineering, or School of Business and Management first and decide on your major at the end of the second semester in Year 1 or the first semester in Year 2.

Apart from the major programs from an individual School, you can also enroll in joint programs, interdisciplinary programs, extended majors and minor programs.

A MINIMUM OF 120 CREDITS ARE REQUIRED TO COMPLETE A 4-YEAR CURRICULUM

Cross-disciplinary Programs

With four Schools and an Academy of Interdisciplinary Studies, HKUST offers undergraduate programs in Science, Engineering, Business and Management, Humanities and Social Science as well as cross-disciplinary areas.

Broad-based Curriculum

Students can expand their intellectual horizons in a diverse set of subjects while gaining specific skills and knowledge in their chosen area of specialization.

EXTENDED MAJORS

Blending traditional programs with trending topics, the extended majors allow students to graduate with a title bearing both the selected traditional major and the extended major, all within their normal duration of study.

ARTIFICIAL INTELLIGENCE (AI)

A cross-disciplinary and practical program that offers solid knowledge in your major, along with innovative applications of AI in your major areas.



DIGITAL MEDIA AND CREATIVE ARTS (DMCA)

Integrating creative arts and digital media in the world of rapidly changing technologies, students can study the two areas in an interdisciplinary program framework.



MINOR PROGRAMS

Students can enroll in minor program(s) offered by any Schools.

SCHOOL OF SCIENCE

Actuarial Mathematics Astrophysics and Cosmology Biotechnology Chemistry

Environmental Science

Mathematics **Physics**

SCHOOL OF ENGINEERING

Aeronautical Engineering Big Data Technology Bioengineering Information Technology

Smart City

Sustainable Energy Engineering Technology Management

Robotics

SCHOOL OF BUSINESS AND MANAGEMENT

Business

SCHOOL OF HUMANITIES AND SOCIAL SCIENCE

China Studies **Humanities** Social Science

ACADEMY OF INTERDISCIPLINARY STUDIES

Sustainability Design

JOINT SCHOOL

Entrepreneurship*

Psychological and Behavioral Science#

- * Jointly offered by the School of Science, School of Engineering, and School of
- Business and Management.

 # Jointly offered by the School of Business and Management and School of Humanities and Social Science.

Students of these programs may opt for an Extended Major in Artificial Intelligence.
Students of these programs may opt for an Extended Major in Digital Media and Creative Arts.
Students admitted via the JS5300 Business and Management program may opt for an Extended Major in Artificial Intelligence or Digital Media and Creative Arts after enrolling in their first business major via Major Selection Exercise.

2023 HKUST JUPAS ADMISSIONS SCORES

POINTS TO NOTE FOR 2023 JUPAS ADMISSIONS SCORES:

- HKUST calculates weighted scores based on 2023 program-specific formulae, of which certain subjects are given heavier weighting. Further admissions scores for reference based on the 2024 program-specific formulae will be provided in due course.
- 2. All admissions scores are applicable to local students and are provided for reference only. The public examination results of students admitted to each program vary from year to year. HKUST considers an application's whole profile, on top of the HKDSE score.

WEIGHTED SCORE

PROGRAM

3. All scores presented in this leaflet is based on the following conversion scale for 2023 Entry:

Conversion of levels to scores (Category A Core / Elective Subjects) 5**=8.5, 5*=7, 5=5.5, 4=4, 3=3, 2=2

2023 SCORE FORMULAE

PROGRAM	WEIGHTED SCORE HIGHEST ATTAINABLE MEDIAN LOWER QUARTILE		AVERAGE LEVEL OF PREFERRED HKDSE SUBJECTS ^		2023 SCORE FORMULAE					
SCHOOL OF SCIENCE										
JS5101 International Research Enrichment	42.5	36.5	34.63	Sci. subjects / M1 / M2	level 5**	5 subjects	Eng + Math + Best 2 Sci. subjects / M1 / M2 + Best 1 subject			
JS5102 Science (Group A)	63.75	29	27	Physics / M1 / M2	level 4	_				
JS5103 Science (Group B)	63.75	30	28.5	Biology / Chemistry	level 4	5 subjects	Eng x 1.5 + Math + Best Sci. / M1 / M2 with weighting + Best 2 subjects with weighting			
US5181 Science (Group A) with an Extended Major in Artificial Intelligence	63.75	36	34.5	Physics / M1 / M2	level 5					
SCHOOL OF ENGINEERING										
JS5200 Engineering	72.25	35.5	34	Sci. subjects / ICT Mathematics / M1 / M2	level 5 level 5		$Eng \times 2 + Math \times 2 +$			
US5282 Engineering with an Extended Major in Artificial Intelligence	72.25	46.5	43.25	Sci. subjects / ICT Mathematics / M1 / M2	level 5 level 5*	5 subjects	Best Sci. / ICT with weighting + Best 2 subjects with weighting			
SCHOOL OF HUMANITIES AN	SCHOOL OF HUMANITIES AND SOCIAL SCIENCE									
JS5411 BSc in Global China Studies	63.75	29.5	29	Chinese	level 4	6 subjects	Eng x 2 + Chi x 1.5 + Best 4 subjects			
JS5412 BSc in Quantitative Social Analysis	72.25	34	33.25	Mathematics / M1 / M2 level 5		6 subjects	Eng x 2 + Math x 2 + Best 4 subjects with weighting			
ACADEMY OF INTERDISCIPLI	NARY S	TUDIES	;							
JS5711 BSc in Integrative Systems and Design	72.25	40.75	37	Sci. subjects / ICT / DAT Mathematics / M1 / M2		5 subjects	Eng x2 + Math x2 + Best Sci./ICT/DAT with weighting + Best 2 subjects with weighting			
JS5812 BSc in Environmental Management and Technology	68	32.25	30	English / Mathematics / Elective subjects	level 4	6 subjects	Eng x 2 + Math x 2 + Best 4 subjects			
US5901 BEng / BSc & BBA Dual Degree Program in Technology and Management	80.75	65.75	64.25	Sci. subjects / M1 / M2	level 5*	6 subjects	Eng x 2 + Math x 2 + Best Sci. / ICT with weighting + Best 3 subjects with weighting			
JOINT PROGRAMS										
US5811 BSc in Biotechnology and Business	72.25	42.25	40.63	Biology / Chemistry	level 5	6 subjects	Eng x 2 + Math x 2 + Bio / Chem with weighting + Best 3 subjects			
US5813 BSc in Mathematics and Economics	76.5	45	43.5	Sci. subjects / Economics / M1 / M2	level 5	6 subjects	Eng x 2 + Math x 2 + Best 4 subjects with weighting			

	HIGHEST ATTAINABLE	HEST AINABLE MEDIAN LOWER QUARTILE PER-SUBJECT-AVERAGE SCORE		LOWER QUARTILE PER-SUBJECT-AVERAGE SCORE						
SCHOOL OF BUSINESS AND MANAGEMENT										
US5300 Business and Management	68	35	34	4.25	Eng×2+Math×2+					
US5311 BBA in Economics	68	38	36.5	4.56	Best 4 subjects					
US5312 BBA in Finance	72.25	47.5	46	5.41	6 subjects Eng x 2 + Math x 2 + Better of Best 4 subjects or Best of M1/M2/Econ/Chem/Phys with weighting + Best 3 other subjects					
US5313 BBA in Global Business	68	59	56	7.00						
US5314 BBA in Information Systems	68	38.5	37	4.63						
JS5315 BBA in Management	68	35.5	35.5	4.44	Eng×2+Math×2+					
JS5316 BBA in Marketing	68	38	36.13	4.38	6 subjects Best 4 subjects					
US5317 BBA in Operations Management	68	Δ	Δ	Δ						
US5318 BBA in Professional Accounting	68	37	36.5	4.56						
US5331 BSc in Economics and Finance	72.25	52.75	51.25	6.03	Eng x 2 + Math x 2 + Better of Best 4 subjects or 6 subjects					
US5332 BSc in Quantitative Finance	72.25	62.5	60.25	7.09	Best of M1/M2/Econ/Chem/Phys with weighting + Best 3 other subjects					
JOINT PROGRAMS										
JS5814 BSc in Risk Management and Business Intelligence	72.25	48.5	46.75	5.50	6 subjects Eng × 2 + Math × 2 + Best 4 subjects with weighting					
JS5822 BSc in Sustainable and Green Finance	72.25	43.75	41.75	4.91	Eng x 2 + Math x 2 + Better of Best 4 subjects or Best of M1/M2/Econ/Chem/Phys with weighting + Best 3 other subjects					

For more details about the entrance score reference for programs of the Business School, please refer to http://undergrad.bm.ust.hk/admissions/admission-information/jupas.

Remarks

^ The average level of preferred HKDSE exam subjects demonstrates the level of competence of admitted students in the subject area. "Sci. subjects" refers to HKDSE Biology, Chemistry, Physics, Combined Science subjects.

Remarks

△ Because of the small intake to the program, admissions scores of the US5317 BBA in Operations Management program are not suitable for reference. Applicants may take note of its 2023 expected score of 34 as score reference instead.

2024 JUPAS ADMISSIONS REQUIREMENTS, SCORE CALCULATION AND SUBJECT WEIGHTING

JUPAS applicants applying to HKUST are expected to satisfy the University's general admissions requirements of four core subjects and two elective subjects with minimum attainment levels of "332A33", and specific requirements set out by individual Schools or programs on subjects and subject attainment levels (if any).

GENERAL REQUIREMENTS
4C + 2X (4 core subjects plus 2 electives), or
4C + 1X + M1 / M2 (4 core subjects + 1 elective, plus Mathematics
Extended Part Module 1 or Module 2)
Elective subjects refer to Category A subjects. Grade C or above in
Category C subject can count as 2nd Elective (for some programs).



INTERVIEW AND OTHER REQUIREMENTS, SCORE CALCULATOR AND REFERENCE SCORES:

CONVERSION OF LEVELS / GRADES to SCORES

Category A Core / Elective Subjects: 5** = 8.5; 5* = 7; 5 = 5.5; 4 = 4; 3 = 3; 2 = 2

Category B Applied Learning Subjects: Attained with Distinction (II) = 4; Attained with Distinction (I) = 3

Category C Other Language Subjects: A = 7; B = 5.5; C = 4; D = 2.5; E = 1

	CODE CHOICE		IMUM	ADMI	SSIONS REQU	JIREM	ENTS				Extra Subje		
JUPAS CODE			Chinese Lang.	Math (Comp.)	Citizenship & Social Development	1st Elective	2nd Elective or M1 / M2	School/ Program-specific Subject Requirements	SCORE FORMULAE (Best 5 Subjects [†])	Subjects Attainable Score		attainable Categor	У
JS5101			3	2	Attained	3	3		English + Math + Best 2 from Biology / Chemistry / Physics / M1 / M2 + Best 1 other subject		A	√ B	
JS5102	Science (Group A)	2	2	0		2	2	One of Piplom / Chamistry /	English x 1.5 + Math + Best from Biology / Chemistry / Physics / M1 / M2# + Best 2 other subjects# ** Weighting: Physics / M1 / M2 (x2), Biology / Chemistry (x 1.5) Remarks: The highest score of at most TWO weighted electives will be taken in the Best 5 score calculation.	63.75	✓	√	✓
JS5103	Science (Group B)	. 3	3	2	Attained	3	3	One of: Biology / Chemistry / Physics / M1 / M2	English × 1.5 + Math + Best from Biology / Chemistry / Physics / M1 / M2# + Best 2 other subjects# # Weighting: Biology / Chemistry (x2), Physics / M1 / M2 (x 1.5) Remarks: The highest score of at most TWO weighted electives will be taken in the Best 5 score calculation.	63.75	√	V	√
JS5181	Science (Group A) with an Extended Major in Artificial Intelligence	3	3	3	Attained	3	3	English \times 1.5 + Math + Best from Biology / Chemistry / Physics / M1 / M2# + Best 2 other subjects# # Weighting: Physics / M1 / M2 (\times 2), Biology / Chemistry (\times 1.5) Remarks: The highest score of at most TWO weighted electives will be taken in the Best 5 score calculation.		63.75	✓	√	✓
JS5200	Engineering							One of: Biology / Chemistry / Physics /	English x 2 + Math x 2 + Best from Biology / Chemistry / Physics / Combined Science / ICT#				
JS5282	Engineering with an Extended Major in Artificial Intelligence	3	3	3	Attained	3	3	Combined Science / Information and Communication Technology	+ Best 2 other subjects* # Weighting: Biology / Chemistry / Physics / Combined Science (x 2), ICT (x 1) ^ Weighting: M1 / M2 (x 1.5), other subjects (x 1)		✓		✓
JS5300	Business and Management									,			
JS5311	BBA in Economics												
JS5313	BBA in Global Business	·											
JS5314	BBA in Information Systems		2	2	A + +	2	2			505			
JS5315	BBA in Management	. 4	3	3	Attained	3	3	No specific subject requirements	English x 2 + Math x 2 + Best 3 other subjects	59.5	V		√
JS5316	BBA in Marketing												
JS5317	BBA in Operations Management												
JS5318	BBA in Professional Accounting												
JS5312	BBA in Finance												
JS5331	BSc in Economics and Finance	4 3 3 Attaine		Attained	3	3	No specific subject requirements	$\label{eq:condition} English \times 2 + \text{Math} \times 2 + \text{Better of Best 3 other subjects} \ \textbf{OR} \\ \text{Best of Chemistry / Economics / Physics / M1 / M2} \times 1.5 + \text{Best 2 other subjects} $	63.75	✓		✓	
JS5332	BSc in Quantitative Finance												
JS5411	BSc in Global China Studies	3	3	2	Attained	3	3 🛆	No specific subject requirements	English x 2 + Chinese x 1.5 + Best 3 other subjects ▲		✓	✓	✓
JS5412	BSc in Quantitative Social Analysis	3	3	3	Attained	3	3	No specific subject requirements	English x 2 + Math x 2 + Best 3 other subjects [^] ^ Weighting: M1 / M2 (x 1.5), other subjects (x 1)		√	√	✓
JS5711	BSc in Integrative Systems and Design	3	3	3	Attained	3	3	One of: Biology / Chemistry / Physics / Combined Science / Design and Applied Technology / Information and Communication Technology	English x 2 + Math x 2 + Best from Biology / Chemistry / Physics / Combined Science / Design and Applied Technology / ICT" + Best 2 other subjects" ** Weighting: Biology / Chemistry / Physics / Combined Science / Design and Applied Technology (x 2), ICT (x 1) * Weighting: M1 / M2 (x 1.5), other subjects (x 1)	72.25	√	V	V
JS5811	BSc in Biotechnology and Business	4	3	3	Attained	3	3	One of: Biology / Chemistry	$English \times 2 + Math \times 2 + Best \ of \ Biology \ / \ Chemistry \times 1.5 + Best \ 2 \ other \ subjects$		✓	√	√
JS5812	BSc in Environmental Management and Technology	4	3	3	Attained	3	3 🛆	No specific subject requirements	English x 2 + Math x 2 + Best 3 other subjects ▲		√	√	✓
JS5813	BSc in Mathematics and Economics	4	3	3	Attained	3	3	One of: Biology / Chemistry / Physics / Economics / M1 / M2	/ English x 2 + Math x 2 + Best from Biology / Chemistry / Physics / Economics / M1 / M2# + Best 2 other subjects # Weighting: M1 / M2 (x 2), Biology / Chemistry / Physics / Economics (x 1.5)		√	√	✓
JS5814	BSc in Risk Management and Business Intelligence	4	3	3	Attained	3	3	No specific subject requirements	English x 2 + Moth x 2 + Best 3 other subjects ⁵ * Weighting: M1 / M2 (x 1.5), other subjects (x 1)		✓		✓
JS5822	BSc in Sustainable and Green Finance	4	3	3	Attained	3	3	No specific subject requirements	English x 2 + Math x 2 + Better of Best 3 other subjects OR Best of Chemistry / Economics / Physics / M1 / M2 x 1.5 + Best 2 other subjects	63.75	✓		✓
JS5901	BEng / BSc & BBA Dual Degree Program in Technology and Management	4	3	3	Attained	3	3	One of: Biology / Chemistry / Physics / Combined Science / Information and Communication Technology	/ English x 2 + Math x 2 + Best from Biology / Chemistry / Physics / Combined Science / ICT# + Rest 2 other subjects^		√		✓

The result(s) of Combined Science and Integrated Science achieved in previous sitting(s) will also be considered as unspecified elective subjects.

 [△] Grade C or above in Category C subjects will also be considered as 2nd Elective.
 ♦ The result(s) of Liberal Studies (Level 2 or above) achieved in previous sitting(s) will also be considered.

[†] The above Elective Subjects refer to HKDSE Category A subjects, excludes Citizenship & Social Development and Liberal Studies. Mathematics Extended Module (M1 / M2) may be used once in the score calculation.

SCHOLARSHIPS & SPECIAL SCHEMES

We award academic and non-academic scholarships to outstanding students on competitive merit basis. These awards range from one-off to full scholarship with living allowance, renewable.

JUPAS Scholarships

JUPAS students attaining Level 5* in one or more Category A subjects or M1 / M2 in one single sitting of HKDSE will be eligible for JUPAS Scholarships.

Scholarships for International / Asian Olympiad Medalists

The University honors outstanding International / Asian Olympiad Medalists.

No separate application is required.



Beyond Academic Admissions Scholarship (BAAS)

Students with achievement in non-academic areas will be considered for this scholarship.

Separate application is required.



Student Athletes Admissions Scheme (SAAS)

Through SAAS, student athletes can pursue their sporting dreams while still receiving a quality education with ample support.

Separate application is required.



More scholarships available after admissions

~3,000 scholarships were awarded in the 2022/23 academic year.

SCAN FOR PROGRAM DETAILS

SCHOOL OF SCIENCE



SCHOOL OF ENGINEERING



SCHOOL OF BUSINESS AND MANAGEMENT



SCHOOL OF HUMANITIES AND SOCIAL SCIENCE



ACADEMY OF INTERDISCIPLINARY STUDIES

