

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
APPLICATION FOR ADMISSION TO POSTGRADUATE PROGRAMS (2015/2016)

Part 1. PERSONAL PARTICULARS

Full Name in English (Surname/family name first, must be identical with the name printed on your identity document.)			
Name in Chinese Characters (If applicable)	Chinese Characters Code (If applicable)	Date of Birth (dd-mm-yyyy)	Gender
Identification Number Please provide other ID no. if you do not hold an H.K.I.D. card	H.K.I.D. Card Number	Other Identification No.	
Travel Document (If applicable)	Passport No.		
Nationality / Citizenship Please select (☒) one	<input type="checkbox"/> HK: Hong Kong <input type="checkbox"/> CP: People's Republic of China <input type="checkbox"/> OT: Others -----> (please specify)		
Need for a Student Visa/ Entry Permit Please select (☒) one If you are not sure, check it out from the website of the HKSAR Immigration Department at http://www.immd.gov.hk/	<input type="checkbox"/> I do not need a Student Visa / Entry Permit to pursue studies in Hong Kong. <input type="checkbox"/> I have the right of abode in Hong Kong (There is a letter "A" under the date of birth in my H.K.I.D. card). <input type="checkbox"/> I have the right to land in Hong Kong (There is a letter "R" under the date of birth in my H.K.I.D. card). <input type="checkbox"/> I hold a dependant's visa to enter Hong Kong (valid till : _____). <input type="checkbox"/> I would need a Student Visa / Entry Permit to pursue studies in Hong Kong.		
Correspondence Address (Max. 40 characters per line)	1:		2:
	3:		Country
Contact Information Applicants from outside Hong Kong please include both country code and area code	Mobile Phone No.		Other Contact Phone No.
	E-mail Address		

Part 2. CHOICE OF POSTGRADUATE PROGRAM

Please select one program only

Preference	Program Code	Program Title	Level	Mode of Study
1	D242	Doctor of Philosophy (Electronic and Computer Engineering)	PhD	Full-time

Name of Applicant: _____

Part 3. ACADEMIC RECORD

I am currently studying / have previously studied at HKUST. My student number is/was _____

Please list a full record of your post-secondary education, including undergraduate and postgraduate programs completed or not, in reverse chronological order, feel free to append additional sheets.

	1		2		3	
Name of Institution						
Country						
Period of attendance (mm/yyyy)	From	To	From	To	From	To
Mode of Study (full-time/part-time)						
Level of Qualification (e.g. Bachelor's degree)						
Degree Major / Area of Study (e.g. Biology)						
Title of Award (e.g. BSc (Hons) in Molecular Biology)						
Honors / Award Classification (e.g. Second Class Honor, if applicable)						
Grade Point Average (as shown on transcript)						
Date / Expected Date of Award (mm/yyyy)						

Part 4. PROFESSIONAL QUALIFICATIONS

	1	2	3
Name of Awarding Body			
Country			
Qualification / Award			
Means of Attainment (e.g. by election or examination)			
Date / Expected Date of Award (mm/yyyy)			

Part 5. ENGLISH LANGUAGE PROFICIENCY

(Please select one appropriate test)

- TOEFL (Test of English as Foreign Language)
 Test Type (iBT/PBT) : _____
- IELTS (International English Language Testing Service)

Date / Proposed Date of Test (dd/mm/yyyy)	Total score / Overall band

Name of Applicant: _____

Part 6. GMAT (Graduate Management Admission Test)

Date / Proposed Date of Test <i>(dd/mm/yyyy)</i>				
	Verbal	Quantitative	Total	Analytical Writing
Score				
% Below	%	%	%	%

Part 7. GRE (Graduate Record Examination)

	GRE General Test			GRE Subject Tests	
Date / Proposed Date of Test <i>(dd/mm/yyyy)</i>					
Test Name	Verbal	Quantitative	Analytical Writing	1.	2.
Score					
% Below	%	%	%	%	%

Part 8. WORK EXPERIENCE

	1		2		3	
Employment Period <i>(mm/yyyy)</i>	<i>From</i>	<i>To</i>	<i>From</i>	<i>To</i>	<i>From</i>	<i>To</i>
Mode <i>(full-time/part-time)</i>						
Name of Organization						
Last Position Held						
Major Responsibilities						

Part 9. POSTGRADUATE STUDENTSHIP

For full time PhD program applicants only

If Postgraduate Studentship is NOT provided are you still interested in the admission?

'Y' = Yes / 'N'=No

Name of Applicant: _____

Part 10. REASONS TO APPLY FOR THE PROGRAM(S) and OTHER RELEVANT INFORMATION

--

Part 11. REFEREES

	Name & Position	Name of Organization	Contact Tel. No.	Email Address
1.				
2.				

Part 12. DECLARATION

1. I declare that the information given in support of this application is accurate and complete. I understand that this information will be used in the admission decision process and that any misrepresentation will disqualify my application for admission and enrollment in HKUST.
2. I authorize HKUST to obtain any and all information about my candidature for my studies in institutions in Hong Kong and elsewhere.
3. I authorize HKUST to use my data as a basis of all types of processing relevant to admission in 2012 to postgraduate programs offered by HKUST and for all other associated purposes, including identifying multiple applications, and checking records of studies as a student in other institutions.
4. I understand that, upon my registration in a program, this data will become a part of my student record. That student record may be used for a number of academic and administrative purposes consistent with the mission of the university, including academic advising, program planning and evaluation, checks for concurrent registration at other local government-funded institutions, etc.

Applicant's Signature: _____

Date : _____

Supplementary Data Form (2015/2016)

PHD PROGRAMS IN ELECTRONIC AND COMPUTER ENGINEERING

Applicants MUST complete & return this supplementary data form with the application form.

Mr. / Ms.: _____ (_____)
Surname Other Names Chinese

Intended Area of Study

Rank your preference by entering 1 as first priority, 2 as second priority ... etc.

_____ a) Solid-State Electronics and Photonics (S2EP)

Topics related to Microelectronics, Nanoelectronics, Large Area Electronics, Power and Energy-Efficient Electronic Devices, High-Speed Electronics, Semiconductor Materials, Devices and Fabrication Technology, Micro-Electro-Mechanical Systems (MEMS), Displays, Optoelectronics, Organic Light-Emitting Diodes (OLEDs), Solid-State Lighting, Liquid-Crystal Displays, Liquid-Crystal Photonics, Silicon Photonics, Optical Communications and Interconnects, Solar Cells, Epitaxy of Compound Semiconductors by MOCVD.

_____ b) Integrated Circuits and Systems (ICS)

Topics related to Digital, Analog and Mixed-Signal Integrated Circuits (IC) Design, VLSI Design, Embedded Systems, Network-on-Chip and Multiprocessor System-on-Chip, Circuit and System Simulation and Verification Tools. Advanced topics include RF and mm-Wave IC and Systems, Data Converters, Power Management IC, High-Speed Optical Communication Transceiver, Image and Bio-Medical Sensors, Signal Processing and System Architectures, Design Automation, Computer Architecture, Reconfigurable System and Hardware/Software Codesign.

_____ c) Wireless Communications and Networking (WCN)

Topics related to Physical Layer, Signal Processing, Coding and Information Theory, Networking as well as New Architecture for Next Generation 5G Wireless Communications, Massive MIMO and Cloud Radio Access Networks, Interference Management, Heterogeneous Networks, Green Communications, Tactile Wireless Systems For Machine Type (MTC), Device-To-Device (D2D) and Multimedia Communications, Integration of Control and Wireless Communication Theory, Display-Smart Mobile Communications And Interactions, Network Coding Theory and Applications, Cross-Layer Stochastic Optimization, Distributed Algorithms and Optimisations, Big Data Systems, Social Media and Cyber-Physical and Social Computing Systems, Self-Organising Networks, Cloud Computing and Virtualisation.

_____ d) Biomedical Engineering (BME)

Topics related to Medical Imaging, Biomedical Optics and Biophotonics, Neuroengineering, Medical Electronics and Bioinformatics/Computational Biology & Biomedical Microdevices and BioMEMS.

_____ e) Control and Robotic Systems (CRS)

Topics related to Control and Optimization (including System Theory, Optimization Theory, Detection and Estimation, Financial Systems, Networked Sensing and Control), Robotics and Automation (including UAV, Next-Generation Industry Robots, Medical/Healthcare Robotics, and Autonomous Systems).

_____ f) Signal, Information and Multimedia Processing (SIMP)

Topics related to Digital Signal Processing of Video, 3D, Image, Graphics, Audio, Speech, Language, Biomedical Data, Financial Data, and Network Data. Specific topics include Signal Capture, Conditioning, Compression, Transformation, Playback and Visualization, Data Analysis, Information Theory, Error Correction, Cryptography, Computer Vision, Pattern Recognition, Machine Learning, Language Understanding, Translation, Summarization, Retrieval, Multi-Lingual and Multi-Modal Processing, and Embedded Systems.

_____ g) Others (please specify)

CONFIDENTIAL

(for HKUST Office Use)
Appl. No.

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
Postgraduate Studies Confidential Reference Form

Part 1: To be completed by Referee

Name: _____

Work Position: _____

Name of Organization and Address: _____

Contact Phone No.: _____

E-mail Address: _____

Please note below my comments on the applicant's personal and general abilities from my knowledge of the applicant.

Part 2: To be completed by Applicant

Name of Applicant: _____

HKID No. / Passport No.: _____

HKUST Program(s) Applied for (Program Code + Title):

1) _____

2) _____

1. How long and under what circumstances have you known the applicant?

2. In which category would you place the applicant in relation to the abilities of postgraduate students of your experience?

(Tick ✓ as appropriate)

	outstanding (top 5%)	excellent (top 15%)	very good (top 25%)	good (top 40%)	average	below average	unable to assess
Intellectual and analytical abilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Communication skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diligence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Capacity to work independently	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Capacity for original thought	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Capacity for organization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emotional maturity and stability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Motivation to pursue advanced studies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. What is your assessment of the applicant's intellectual ability? (It would be helpful if, in the case of an applicant who has already graduated, you could indicate whether you consider the class of degree achieved fairly represented his/her academic caliber. If the applicant has not yet graduated, we should be grateful for a realistic assessment of his/her degree prospects.)

4. What is your opinion of the applicant's motivation towards and suitability for a career in the chosen field(s) of study? What do you consider to be his / her principal qualities and weaknesses in this respect?

Further Comments: You are invited to amplify any of your judgments in question 2 or to make any further comments which you consider might be relevant either in the following space or in a separate letter.

I understand that :

- i. This is an academic reference report in support of the applicants named on the right who is seeking admission to HKUST as a postgraduate student in 2014, and
- ii. Under the provision of the Personal Data (Privacy) Ordinance, information contained in this report will be shown to the applicant upon request.

Signature: _____ Date: _____

CONFIDENTIAL

(for HKUST Office Use)
Appl. No.

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
Postgraduate Studies Confidential Reference Form

Part 1: To be completed by Referee

Name: _____

Work Position: _____

Name of Organization and Address: _____

Contact Phone No.: _____

E-mail Address: _____

Please note below my comments on the applicant's personal and general abilities from my knowledge of the applicant.

Part 2: To be completed by Applicant

Name of Applicant: _____

HKID No. / Passport No.: _____

HKUST Program(s) Applied for (*Program Code + Title*):

1) _____

2) _____

1. How long and under what circumstances have you known the applicant?

2. In which category would you place the applicant in relation to the abilities of postgraduate students of your experience?

(Tick ✓ as appropriate)

	outstanding (top 5%)	excellent (top 15%)	very good (top 25%)	good (top 40%)	average	below average	unable to assess
Intellectual and analytical abilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Communication skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diligence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Capacity to work independently	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Capacity for original thought	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Capacity for organization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emotional maturity and stability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Motivation to pursue advanced studies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. What is your assessment of the applicant's intellectual ability? (It would be helpful if, in the case of an applicant who has already graduated, you could indicate whether you consider the class of degree achieved fairly represented his/her academic caliber. If the applicant has not yet graduated, we should be grateful for a realistic assessment of his/her degree prospects.)

4. What is your opinion of the applicant's motivation towards and suitability for a career in the chosen field(s) of study? What do you consider to be his / her principal qualities and weaknesses in this respect?

Further Comments: You are invited to amplify any of your judgments in question 2 or to make any further comments which you consider might be relevant either in the following space or in a separate letter.

I understand that :

- i. This is an academic reference report in support of the applicants named on the right who is seeking admission to HKUST as a postgraduate student in 2014 and
- ii. Under the provision of the Personal Data (Privacy) Ordinance, information contained in this report will be shown to the applicant upon request.

Signature: _____ Date: _____