

SENATE COMMITTEE ON POSTGRADUATE STUDIES**Students Recommended for Graduation from Postgraduate Programs**BACKGROUND

1 The Senate has delegated authority to this Committee to approve postgraduate students to graduate from their respective programs of study.

2 Based on results of graduation check conducted by the Academic Registry (ARO) in accordance with approval guidelines on graduation cases, the respective School Boards or Postgraduate Studies Committee recommended a total of **56** potential graduates for consideration of approval by CPS. The table below shows the distribution of potential graduates by School/IPO.

| School / IPO | PhD       | MPhil    | TPG       | Total     |
|--------------|-----------|----------|-----------|-----------|
| SSCI         | 3         | 3        | 0         | 6         |
| SENG         | 9         | 4        | 0         | 13        |
| SBM          | 0         | 0        | 36        | 36        |
| SHSS         | 0         | 0        | 0         | 0         |
| IPO          | 1         | 0        | 0         | 1         |
| <b>Total</b> | <b>13</b> | <b>7</b> | <b>36</b> | <b>56</b> |

3 The distribution of students recommended for graduation by program is shown in Table 1 in the Attachment. The lists of research and taught postgraduate students recommended for graduation are provided in Tables 2 and 3 respectively.

CONSIDERATION

4 Members are invited to consider, and approve as appropriate, the students listed in Tables 2 and 3 in the Attachment to graduate from their respective programs of study in Fall, Winter and Spring Terms, 2021/22. The decision made by the Committee will be reported to the Senate.

PRESENTATION

5 This paper is submitted for consideration of members of CPS at its 175<sup>th</sup> meeting on 4 May 2022.

Academic Registry  
The Hong Kong University of Science and Technology  
3 May 2022

Attachment

**CONFIDENTIAL****Table 1: Distribution of PG Potential Graduates  
(Fall / Winter / Spring 2021-22)**

(Submitted to the CPS for Consideration in May 2022)

| School / Program                                  | Concentration / Research Area | PhD        | MPhil        | HKUST EMBA        | MBA        | MSc        |
|---|-------------------------------|------------|--------------|-------------------|------------|------------|
| <i>School of Science</i>                          |                               |            |              |                   |            |            |
| Chemistry   |                               |            | 3            |                   |            |            |
| Life Science                                      |                               | 2          |              |                   |            |            |
| Physics   |                               | 1          |              |                   |            |            |
| <b>School Total</b>                               |                               | <b>3</b>   | <b>3</b>     |                   |            |            |
| <i>School of Engineering</i>                      |                               |            |              |                   |            |            |
| Civil Engineering                                 |                               | 2          | 1            |                   |            |            |
| Computer Science and Engineering                  |                               | 5          | 2            |                   |            |            |
| Electronic and Computer Engineering               |                               | 1          |              |                   |            |            |
| Industrial Engineering and Logistics Management   |                               | 1          |              |                   |            |            |
| Mechanical Engineering                            |                               |            | 1            |                   |            |            |
| <b>School Total</b>                               |                               | <b>9</b>   | <b>4</b>     |                   |            |            |
| <i>School of Business &amp; Management</i>        |                               |            |              |                   |            |            |
| HKUST Executive Master of Business Administration |                               |            |              | 5                 |            |            |
| Master of Business Administration                 |                               |            |              |                   | 15         |            |
| Global Finance                                    |                               |            |              |                   |            | 3          |
| International Management                          |                               |            |              |                   |            | 1          |
| Finance   | -                             |            |              |                   |            | 6          |
|   | Corporate Finance             |            |              |                   |            | 2          |
| Financial Analysis                                | Corporate Finance             |            |              |                   |            | 2          |
| Investment Management                             | Asset Management              |            |              |                   |            | 1          |
| Business Analytics                                |                               |            |              |                   |            | 1          |
| <b>School Total</b>                               |                               |            |              | <b>5</b>          | <b>15</b>  | <b>16</b>  |
| <i>Interdisciplinary Programs Office</i>          |                               |            |              |                   |            |            |
| Environmental Science, Policy and Management      |                               | 1          |              |                   |            |            |
| <b>School Total</b>                               |                               | <b>1</b>   |              |                   |            |            |
|   |                               | <b>PhD</b> | <b>MPhil</b> | <b>HKUST EMBA</b> | <b>MBA</b> | <b>MSc</b> |
| <b>University Total by Award</b>                  |                               | <b>13</b>  | <b>7</b>     | <b>5</b>          | <b>15</b>  | <b>16</b>  |
| <b>University Total</b>                           |                               | <b>56</b>  |              |                   |            |            |

Table 2: List of Potential Graduates from Research Postgraduate Programs (Spring 2021-22)  
(Submitted to the CPS for Consideration in May 2022)

Graduates are grouped by program, sorted by mode and by name.

### School of Science [total: 6]

| Case No.                   | Student Name    | Student ID | Mode* | GGA   | Thesis Title  |
|----------------------------|-----------------|------------|-------|-------|---|
| <b>MPhil in Chemistry</b>  |                 |            |       |       |   |
| 1                          | POON, Chung Yan | 20192495   | F     | 3.850 | Electrocatalytic Hydrogenation of Adiponitrile  |
| 2                          | HE, Zhouyi      | 20572449   | F-CS  | 3.325 | STATISTICAL METHODS FOR PROTEIN FUNCTION AND EVOLUTION ANALYSIS                                   |
| 3                          | LIU, Xiaonan    | 20615875   | F-CS  | 3.700 | A Highly Efficient Microfluidic Particles Removal Device With Staggered Herringbone Micromixers   |
| <b>PhD in Life Science</b> |                 |            |       |       |   |
| 4                          | DUAN, Yangyang  | 20176506   | F-CS  | 3.800 | Investigation of in vivo Genome Editing as a Potential Treatment Strategy for Alzheimer's Disease |
| 5                          | WANG, Xu @      | 20394225   | F-CS  | -     | Activating Immune Pathways Promotes Axon Regeneration   |
| <b>PhD in Physics</b>      |                 |            |       |       |   |
| 6                          | DONG, Zhen      | 20281442   | F-CS  | 3.725 | Low-Frequency Metamaterial Absorbers for Mitigating Sound and Vibration                           |

### School of Engineering [total: 13]

| Case No.  | Student Name       | Student ID | Mode* | GGA   | Thesis Title   |
|---|--------------------|------------|-------|-------|--|
| <b>MPhil in Civil Engineering</b>                             |                    |            |       |       |  |
| 7   | TEE, Kendric Aaron | 20659364   | F     | 3.400 | Development of Lanthanum Carbonate-Loaded Ion Exchange Resin for Selective Phosphate Removal   |
| <b>PhD in Civil Engineering</b>                               |                    |            |       |       |  |
| 8   | WANG, Yu Chen      | 20539409   | F     | 3.667 | An investigation of CO <sub>2</sub> and UV radiation for quality growth of <i>Pseudostellaria heterophylla</i> in biochar-amended soils            |
| 9   | CHEN, Lin          | 20247769   | F-CS  | 3.475 | Biochemical Sulfide Potential (BSP) Assay for Anaerobic Biodegradability Assessment of Organic Waste: Optimization, Mechanism, and Standardization |
| <b>MPhil in Computer Science and Engineering</b>              |                    |            |       |       |  |
| 10  | LAU, Cheuk Nam     | 20344701   | F     | 3.720 | Automatic Enhancement of Music Performance Quality in Universal MIDI Piano Tracks  |
| 11  | CHEN, Guo          | 20393154   | F-CS  | 3.400 | Techniques for Managing Array Database Versioning  |
| <b>PhD in Computer Science and Engineering</b>                |                    |            |       |       |  |
| 12  | HUANG, Heqing      | 12234548   | F     | 3.860 | Enhance Fuzz Testing with Static Program Analysis  |
| 13  | YAO, Peisen        | 20297362   | F     | 3.300 | Solidifying and Scaling SMT-based Program Analysis   |
| 14  | ZENG, Yuxiang      | 20486690   | F     | 3.533 | EFFICIENT ROUTE PLANNING IN SHARED MOBILITY WITH THEORETICAL GUARANTEES  |
| 15  | ZHANG, Jingyang    | 20256162   | F     | 3.860 | ACCURATE AND REALISTIC DENSE 3D RECONSTRUCTION FROM MULTIPLE IMAGES  |
| 16  | HAN, Feng          | 20407369   | F-CS  | 3.700 | Algorithmic Trading Strategies and Simulations for Multi-asset Classes   |
| <b>PhD in Electronic and Computer Engineering</b>             |                    |            |       |       |  |
| 17  | YING, Jiayi        | 12233506   | F     | 3.980 | Estimation of Structured Graphical Models: Theory, Algorithms, and Applications  |
| <b>PhD in Industrial Engineering and Logistics Management</b> |                    |            |       |       |  |
| 18  | CHEN, Shutao       | 20450055   | F-CS  | 3.640 | Binaural sound source localization based on GASSOM and DNN   |
| <b>MPhil in Mechanical Engineering</b>                        |                    |            |       |       |  |
| 19  | KIM, Dohyeong      | 20649929   | F-CS  | 3.600 | The Effects of Fin Phasing, Structure and Flexibility on the Hydrodynamics of a Bioinspired Manta Ray  |

### Interdisciplinary Programs Office [total: 1]

| Case No.   | Student Name       | Student ID | Mode* | GGA   | Thesis Title  |
|--|--------------------|------------|-------|-------|---|
| <b>PhD in Environmental Science, Policy and Management</b> |                    |            |       |       |   |
| 20   | NGUYEN, Xuan Thanh | 20447266   | F-CS  | 3.429 | Regional Climate Modeling Studies on the Combined Effects of Global Warming and Urbanization in China |

Total No. of Graduates: 20

Note

\* Study Mode: F – Full Time; CS – Continuing Student

@ All courses used to fulfill the degree requirements are either transfer credits or courses with “Pass” or “Fail” grades. No grade points are awarded and as such no grade averages are recorded.

Table 3: List of Potential Graduates from Taught Postgraduate Programs  
(Fall / Winter / Spring 2021-22)  
(Submitted to the CPS for Consideration in May 2022)

Graduates are grouped by program, sorted by mode and by name.

**School of Business and Management** [total: 36]

| Case No.   | Student Name                        | Student ID | Mode* | GGA   |
|--|-------------------------------------|------------|-------|-------|
| <b>HKUST Executive Master of Business Administration #</b> |                                     |            |       |       |
| 1  | CHEN, Xi                            | 20581074   | P     | -     |
| 2  | HUANG, Haiqiang                     | 20503852   | P     | -     |
| 3  | LIANG, Min                          | 20503979   | P     | -     |
| 4  | SUN, Lanlan                         | 20438863   | P     | -     |
| 5  | XIANG, Jun                          | 20438837   | P     | -     |
| <b>Master of Business Administration</b>                   |                                     |            |       |       |
| 6  | CHENG, Hsin-yu                      | 20673516   | F     | 3.687 |
| 7  | CAO, Liying                         | 20688133   | P     | 3.311 |
| 8  | CHAN, Chung Hin                     | 20639053   | P     | 3.690 |
| 9  | CHEN, Yanmei                        | 20614871   | P     | 3.865 |
| 10   | HUANG, Xiao                         | 20707197   | P     | 3.935 |
| 11   | LI, Xiangrong                       | 20612407   | P     | 3.353 |
| 12   | LI, Ying                            | 20681939   | P     | 3.494 |
| 13   | LIANG, Chuhui                       | 20521945   | P     | 3.190 |
| 14   | LIU, Shuyan                         | 20567743   | P     | 3.105 |
| 15   | WAN, Jun                            | 20674558   | P     | 3.753 |
| 16   | WEN, Ming Lang                      | 20523060   | P     | 2.927 |
| 17   | XIN, Li                             | 12228068   | P     | 3.185 |
| 18   | YEUNG, Wing Hei                     | 20681953   | P     | 3.379 |
| 19   | ZHAO, Jiankui                       | 20466793   | P     | 3.526 |
| 20   | ZHU, Xiong                          | 20678437   | P     | 3.847 |
| <b>MSc in Financial Analysis - Corporate Finance</b>       |                                     |            |       |       |
| 21   | HO, Nga Ting                        | 20672108   | P     | 3.467 |
| 22   | LAI, Dominic Leslie                 | 20672079   | P     | 3.582 |
| <b>MSc in Global Finance</b>                               |                                     |            |       |       |
| 23   | BATES, Jennifer Grace               | 20780735   | P     | 3.392 |
| 24   | LAGHARI, Naveed Rafiq               | 20666616   | P     | 3.471 |
| 25   | OHARA, Kevin Douglas                | 20781947   | P     | 3.158 |
| <b>MSc in International Management</b>                     |                                     |            |       |       |
| 26   | MAK, Michael E. A. B. Jr. Jiunn Wei | 20742226   | F     | 3.956 |
| <b>MSc in Finance</b>                                      |                                     |            |       |       |
| 27   | CHEN, Feiyu                         | 20744341   | F     | 3.900 |
| 28   | JIANG, Niancheng                    | 20748658   | F     | 2.973 |
| 29   | KONG, Bing                          | 20737738   | F     | 3.613 |
| 30   | WANG, Qiuzi                         | 20738641   | F     | 3.220 |
| 31   | YAN, Zihe                           | 20745228   | F     | 3.080 |
| 32   | YANG, Huishan                       | 20743529   | F     | 3.340 |
| <b>MSc in Finance - Corporate Finance</b>                  |                                     |            |       |       |
| 33   | WANG, Jiayi                         | 20745620   | F     | 3.533 |
| 34   | ZHONG, Jun                          | 20744781   | F     | 3.736 |
| <b>MSc in Investment Management - Asset Management</b>     |                                     |            |       |       |
| 35   | CHOI, Chun Long                     | 20652732   | P     | 2.893 |
| <b>MSc in Business Analytics</b>                           |                                     |            |       |       |
| 36   | SINHA, Shrey                        | 20755041   | F     | 2.873 |

Total No. of Graduates: **36**

Note

\* Study Mode: P – Part Time; F – Full Time

# All IMBA courses taken are graded “High Pass”, “Pass” or “Low Pass” instead of letter grades. No grade points are awarded and as such no grade averages are recorded.