UNIVERSITY ACCOUNTABILITY AGREEMENT 2019/20 – 2021/22 TRIENNIUM

1. BACKGROUND, CONTEXT AND PURPOSE

2. HONG KONG FUNDING FRAMEWORK: KEY PRINCIPLES

3. INSTITUTIONAL MISSION AND VISION

- Institutional mission
- Institutional vision
- Strategic priorities and actions

4. ACTIVITY DOMAINS AND PERFORMANCE MEASURES

- Quality of the student experience of teaching and learning
- Quality of research performance and of research postgraduate experience
- Knowledge transfer and wider engagement
- Enhanced internationalisation
- Financial health and institutional sustainability

5. GOVERNANCE AND INSTITUTIONAL MANAGEMENT

- Recruitment, induction and continuing professional development of university council members
- Institutional strategy
- Management of risk
- Delegation of authority
- Periodic review of governance arrangements

6. UGC FUNDING ALLOCATION TO THE HONG KONG POLYTECHNIC UNIVERSITY

- UGC funding methodology
- Approved student numbers for the 2019-22 triennium
- Other UGC funding

7. FORMAL AGREEMENT

1. BACKGROUND, CONTEXT AND PURPOSE

- 1. The University Accountability Agreement (Agreement) is a formal agreement between The Hong Kong Polytechnic University (PolyU) and the University Grants Committee (UGC) of Hong Kong. It serves to articulate the nature and substance of the relationship between PolyU and the UGC. Along with the dialogue, the Agreement forms a key element of the strategic framework underpinning this relationship.
- 2. This strategic dialogue is an important element in the action being taken by universities and by the UGC to strengthen the governance of publicly-funded higher education universities in Hong Kong and by such action to enhance their accountability. The Agreement reinforces the autonomous status of the universities by allowing them to articulate their individual missions, visions and strategic goals. The Agreement allows the UGC to be satisfied that the wider public interest is both recognised and met by PolyU, as well as providing assurance through high-level performance measures of a commitment to continuous quality improvement. For PolyU, the Agreement assures members of its governing body as well as its staff and students that the key elements are in place of the robust institutional governance which helps to guarantee PolyU's autonomy.
- 3. The Agreement reaffirms the funding to be provided to a university by the UGC, setting out those elements which collectively represent the single-line block grant from the UGC over the triennial funding period for the 2019/20 to 2021/22 triennium. It also sets out any conditions attached to such funding, as well as being a reminder that all universities are required to follow the UGC Notes on Procedures (NoP) and other guidelines as promulgated and updated by the UGC from time to time.
- 4. PolyU is also required to submit its teaching, learning and related processes to regular quality audit through the aegis of the Quality Assurance Council (QAC) and to submit to its research activity being assessed on a regular basis by the UGC. Specific outcomes and outputs from such periodic audit and assessment exercises are reflected as appropriate in the Agreement. The Agreement is not intended to replicate or replace such exercises.
- 5. By signing this Agreement, PolyU affirms that all funds received from the UGC will be used solely for the purposes for which they are intended. Such funds are provided in the expectation that PolyU will seek to achieve value for money and be economical, efficient and effective in its use of public funds.
- 6. The Agreement will be reviewed on an annual basis as part of the strategic dialogue between PolyU and the UGC. This annual review will consist of a check on progress towards targets and outcomes agreed over the timeframe of PolyU's strategic plan, which is aligned with the three-year span of the funding settlement from the UGC.
- 7. It is expected that the process of dialogue leading to the joint acceptance of the Agreement will mean that universities and the UGC will keep to its terms, both in spirit and in the letter. Where a university fails to do so without the prior agreement of the UGC, the UGC may decide on appropriate action having regard to the merits of individual cases to ensure that PolyU is made aware of the potential consequences of it continuing to act in such a way.

8. The Agreement is signed by both PolyU and the UGC as a public affirmation of the commitment of both parties to confirming and enhancing the global reputation of Hong Kong's higher education sector as a provider and enabler of teaching, research and related activity of the highest quality and of the greatest benefit to the people of Hong Kong.

2. HONG KONG FUNDING FRAMEWORK: KEY PRINCIPLES

- 9. For the funding triennium of 2019/20 to 2021/22, the Government has agreed to provide a total sum of recurrent grants of HK\$60,467.1 million¹ to the UGC based on a submission drawing on plans submitted by each university. Each plan has been subject to scrutiny and challenge by the UGC through a process of strategic dialogue with individual universities. This process respects the autonomy of a university and its unique nature, being based on an examination and discussion of the effectiveness of a university's strategy (as articulated in its strategic plan) in enabling it to advance its mission, vision and role, with reference to:
 - i. The university's competitiveness in Hong Kong and internationally;
 - ii. Collaboration within and outside the UGC sector;
 - iii. Capacity-building in key areas such as internationalisation and knowledge transfer;
 - iv. The development of the self-financing sector; and
 - v. Its use of the outcomes of key exercises such as QAC audits and the Research Assessment Exercise (RAE) 2014 to influence its longer-term strategy.
- 10. The UGC and the Government are committed to the principle of funding being allocated to the eight publicly-funded universities on a three-year basis, with that funding consisting of a single-line block grant to each university. This approach is an explicit recognition of their autonomous status. On their part, universities accept that they have a duty to be openly accountable for their proper stewardship of funds, irrespective of their source, and of other resources at their disposal.
- 11. The UGC considers that competition drives excellence. Competition among universities for a proportion of funded places is therefore embedded in the UGC's overall approach as the process of competing for places requires a university to take a critical look at its activities and its contributions, particularly in relation to its role within the higher education sector in Hong Kong, regionally and internationally, as well as in addressing community needs.
- 12. While the principle of the single-line budgetary allocation is, as stated above, fundamental to the UGC's approach, the use of its funding is subject to certain conditions. For its part, PolyU accepts that:
 - i. Co-teaching of UGC-funded and self-funded programmes is permitted, subject to there being in place a transparent and fair system for costing and for the subsequent transfer of funds and subject to adherence to the requirements for such a system being

¹ This figure includes a sum of HK\$1,323.6 million of recurrent grants to be allocated in the form of earmarked grants and funding. These include funding to be allocated for Areas of Excellence Scheme, Earmarked Research Grants, knowledge transfer and other centrally held provisions.

- as set out in the "Cost Allocation Guidelines for UGC-funded and non-UGC funded Activities":
- ii. There must be no cross-subsidy of UGC resources into supporting non-UGC funded activities:
- iii. "Mixed-mode" funding is not allowed where UGC-funded students might be charged a higher fee in order to subsidise lower fees for self-funded students;
- iv. Additional years for the second degree within dual/double undergraduate degree programmes must be self-financed, subject to certain exceptions for particular teacher education programmes;
- v. Sub-degree and taught postgraduate degree programmes should in general be self-financed;
- vi. Part-time undergraduate and part-time research postgraduate programmes are not eligible for public funding;
- vii. Admission of non-local students by over-enrolment is permitted, subject to conditions set out in the UGC NoP;
- viii. The consequences as prescribed in the NoP of under-enrolment of UGC-funded students:
 - ix. Any proposed moves of programmes to a higher-weighting academic programme category require the agreement of the UGC, based on a strong case for the justification of such a move; and
 - x. It should adhere to the 20% rule on the balance of the General and Development Reserve Fund for a funding period.
- 13. Specific details of the funding being provided by the UGC to PolyU are set out in Section Six of this Agreement.

3. INSTITUTIONAL MISSION AND VISION

14. For the UGC, it is important that the strategies adopted by universities are effective in enabling an institution to advance its mission through enhancing its competitiveness, strengthening its ability to build its capacity, enabling collaboration and using the outcomes of exercises such as the 2014 RAE as a key element in its future development.

Institutional Mission

- 15. The mission of PolyU is threefold:
 - (1) To pursue impactful research that benefits the world.
 - (2) To nurture critical thinkers, effective communicators, innovative problem solvers and socially responsible global citizens.
 - (3) To foster a PolyU community in which all members can excel in their aspirations with a strong sense of belonging and pride.

Institutional Vision

16. Be a leading university that advances and transfers knowledge, and provides the best holistic education for the benefit of Hong Kong, the nation and the world.

Strategic Priorities and Actions

17. To better align with the UAA domains, PolyU has structured the new Strategic Plan (2019/20 - 2024/25) to correspond to the five domains. The high-level strategic priorities and actions are outlined in the table below.

Strategic Plan Domain	Strategic Priority of Domain	Key Actions
Teaching and Student Learning Experience	To nurture holistic professionals for the future.	To develop students' academic, personal and inter-personal skills by enhancing their learning experience via a refined curriculum. This curriculum is designed to foster students' confidence, improve their communication skills, and allow space for the acquisition of generic skills and adaptability for the future.
Research and Research Postgraduate Learning Outcomes	To scale new heights of knowledge creation.	To build up high-impact interdisciplinary research areas, a cutting-edge research infrastructure, and high-quality, diversified research postgraduate programmes.
Knowledge Transfer, Entrepreneurship and Community Engagement	To deepen university- community collaboration for greater synergy and impact.	To be the leading institution for knowledge transfer and entrepreneurship, advancing impactful ventures for PolyU's research and technologies.
Internationalisation and Engaging the Nation	To be a world leading university with global impact.	To strengthen our focus on internationalisation and engaging the nation across our education, research and knowledge transfer endeavours to achieve global excellence and reputation.
Financial Health and Institutional Sustainability	To innovate and integrate for institutional advancement.	To sustain financial health and enhance our infrastructure and people capabilities to support the strategic development of PolyU. Provide an ambience that is conducive for students, staff and PolyU to excel.

4. ACTIVITY DOMAINS AND PERFORMANCE MEASURES

18. A regular review of institutional performance is an important element of sound governance. It allows an institution to derive leverage from its strengths, while highlighting other areas where action on issues requiring attention might be taken to its longer-term advantage. It also allows an institution to demonstrate in its key areas of activity that it has taken note of those elements which are important in the future development of higher education in Hong Kong. For the UGC, these elements are in particular important:

- Quality of the student experience of teaching and learning
- Quality of research performance and of research postgraduate experience
- Knowledge transfer and wider engagement
- Enhanced internationalisation
- Financial health and institutional sustainability
- 19. The higher education sector is a major asset for Hong Kong, benefitting from a major investment of public funds each year. Measuring the overall performance of the sector provides a measure of sector-wide performance for public information, as well as strengthening both the public profile and reputation of the sector and its overall value to the community. Measurement of performance helps ensure public confidence in universities through enhancing their accountability. Measurement also allows the higher education sector to demonstrate that individual institutions are committed to continuous quality improvement in their individual circumstances, as well as high standards of governance and educational practice.
- 20. As far as is practicable, data for the performance measures is derived from existing institutional returns to the UGC, whether through Common Data Collection Format (CDCF) returns or other statistical returns, or from audited sources such as a university's annual financial statements. Where other sources are used, these sources are acknowledged in the introduction to each performance measure.
- 21. The UGC acknowledges in its NoP (Chapter 6 on Data Collection and Returns) that, "it requires information about the activities of the UGC-funded institutions for a variety of purposes, including assessment of recurrent and capital funding requirements, monitoring progress, advising on academic developments generally, monitoring progress and expenditure on RGC-funded research projects, reporting to the Government, the Legislature and the public. The data so collected also enables many ad hoc questions to be answered without further enquiry of the institutions".

4.1 The Quality of the Student Experience of Teaching and Learning

22. The core components of the performance measures in this activity domain are intended to demonstrate that an institution has effective strategies in place to deliver improvements in teaching quality, to enhance the effectiveness of the learning environment and to maximise student learning outcomes, particularly in relation to learning gain leading to appropriate employment or further study. The data for (1) and (2) under the sector-wide performance measures below are derived from a standard question in each university's student survey.

Sector-wide Performance Measures

- 1) Undergraduate satisfaction with the quality and value which they have gained from their teaching and learning experience
- 2) Undergraduate satisfaction with their overall learning environment
- 3) Undergraduate employment success rate
- 4) Employer satisfaction with graduates

Institution-specific Key Performance Indicators

- 1) Average annual income of fresh graduates
- 2) Percentage of students enrolled in service-learning subjects
- 3) Percentage of subjects adopting blended learning / flipped classroom approaches
- 4) Number of UGC teaching awards and teaching grants received in the last three years

4.2 The Quality of Research Performance and of Research Postgraduate Experience

23. Performance measures in this domain are intended to illustrate that an institution has strategies in place appropriate to its mission to encourage research and scholarship and which seek to improve the quality and volume of research outputs. The measures take account of factors such as research impact and measures in place to ensure positive learning outcomes for research postgraduate students, including equipping them for careers appropriate to their specialism.

Sector-wide Performance Measures

- 1) Percentage of research activities judged to be world leading or internationally excellent as assessed in the latest Research Assessment Exercise
- 2) Value of total research income
- 3) Average time-to-completion, graduation rate and employability of research postgraduates, allowing for disciplinary differences

Institution-specific Key Performance Indicators

- 1) (a) Citations per output Percentage of their annual turnover to overall turnover
 - (b) Percentage of output in top journal percentiles
- 2) Number of world leading disciplines ranked Top 50 in the QS subject ranking
- 3) Percentage of non-local interdisciplinary research projects
- 4) Percentage of research postgraduate students published in Top 10% cited Scopus journals and conference proceedings

4.3 Knowledge Transfer and Wider Engagement

- 24. While acknowledging that quantitative performance measures in this domain are not yet sufficiently developed to reflect the full spectrum of institutional activities aimed at wider engagement with the community, the performance measures are intended to demonstrate in part how universities engage in knowledge transfer and in wider engagement with the community, defined as, "the systems and processes by which the knowledge, expertise and intellectually linked assets of universities are constructively applied beyond higher education for the wider benefit of the economy and society, through two-way engagement with business, the public sector (including the school sector), cultural and community partners", with innovative, profitable, economic or social improvements being part of that benefit.
- 25. Knowledge transfer and wider engagement includes activities such as consultancies, collaborative research (with industrial, commercial or other non-higher education partners such as NGOs), contract research (undertaken for industrial, commercial or other non-higher education partners such as NGOs and creative or cultural organisations), continuing professional development (CPD), licensing, start-ups, spin-outs and public engagement.

Such activities can loosely be categorised as: (i) the provision of research and business services (consultancy; collaborative research; contract research; and CPD); (ii) innovation (licensing; start-ups; and spin-outs); and (iii) public engagement (networking and public events; projects with a social or community benefit).

Sector-wide Performance Measures

- 1) (a) Total income from knowledge transfer via the provision of research and business services (i.e. collaborative research, contract research, consultancies, CPD)
 - (b) Total income from knowledge transfer as innovative activity (i.e. income generating from intellectual property as defined in CDCF and from start-up companies)
- 2) Expenditure on public engagement activities (e.g. public lectures, performance arts, exhibitions and others as defined in CDCF)

Institution-specific Key Performance Indicators

- 1) Knowledge transfer impact cases with economic and / or social impact
- 2) Cumulative number of start-up ventures created by students, graduates or staff with support from the University's seed funding and entrepreneurship programs in the last three years
- 3) Survival rate of start-up ventures
- 4) Number of partnerships for knowledge transfer and entrepreneurship activities

4.4 Enhanced Internationalisation

26. System-wide performance measures in this domain are designed to illustrate the impact of an institution's development of a holistic approach to the growing importance of internationalisation to the higher education sector in Hong Kong. Such an approach might include the recruitment of students from overseas, exchange programmes involving Hong Kong students spending part of their course in an overseas institution and vice versa, recruitment of staff from overseas, participation of staff in overseas conferences / exchanges, engagement with Mainland China, as well as the extent to which the student curriculum itself has embraced and embodied international perspectives.

Sector-wide Performance Measures

- 1) Non-local students (in each of: undergraduate; taught postgraduate; research postgraduate) as percentage of total student numbers
- 2) Non-local students broken down by regions (Asia, Europe, North America, South America, Oceania, Africa and others)
- 3) Percentage of Hong Kong undergraduate students with non-local university-approved formal or experiential learning experience
- 4) Percentage of research outputs with international research collaboration which has resulted in a joint publication cited in the Research Assessment Exercise process as of at least international quality

Institution-specific Key Performance Indicators

1) Number and percentage of non-local undergraduate student enrolment from Belt and Road countries

- 2) Percentage of full-time academic staff hired from outside Hong Kong
- 3) Number of partnerships with non-local universities and organizations for student experience, research collaboration and knowledge transfer

4.5 Financial Health and Institutional Sustainability

27. Measures in this domain are designed to illustrate the strength of an institution's governance structures and their capacity to ensure the financial sustainability of the institution in the longer term. The elements forming the measures are drawn from the findings of the "Governance in UGC-funded Higher Education Institutions in Hong Kong" (Governance Report) published by the UGC in 2016, as well as from worldwide good practice in the wider sphere of commerce and government. Specific measures and indicators of enhanced governance in PolyU are detailed in the following Section Five on Governance and Institutional Management.

Sector-wide Performance Measures

- 1) Annual surplus as a percentage of total income
- 2) Subventions from UGC as a percentage of total income
- 3) Current ratio (i.e. current assets / current liabilities)
- 4) Coverage of university's expenditure by reserves and cash & cash equivalents (defined by Hong Kong Financial Reporting Standards):
 - (i)(a) Reserves / monthly expenditure = number of months that expenditure can be supported by reserves;
 - (i)(b) Liquid reserves / monthly expenditure = number of months that expenditure can be supported by liquid reserves; and
 - (ii) Cash & cash equivalents / monthly expenditure = number of months that expenditure can be supported by cash & cash equivalents

Institution-specific Key Performance Indicators

- 1) Percentage of expenditure for teaching, learning, student and general educational services, research to total expenditure
- 2) Percentage of fulfilment of planned Assistant Professor positions
- 3) Percentage of middle-management academic and non-academic staff enrolled in training or receiving staff development support

5. GOVERNANCE AND INSTITUTIONAL MANAGEMENT

28. Effective governance and institutional management is based on a clear understanding of the respective roles of the governing body, of the senate or academic board and of the senior management in an institution. Mutual respect for these differing roles is a keystone of a well-run university. To quote the UGC's Governance Report, "The governing body is responsible for oversight of the institution's activities, determining its future direction and fostering an environment in which the institutional mission is achieved and the potential of all learners is maximised". The president and the executive team are responsible for the management of the institution, both internally and externally, such that its mission is achieved and it benefits from teaching, learning and research of the highest quality. In short,

the senior executive should not seek to determine those matters which are properly the concern of the governing body. Equally, the governing body should not become involved in the day-to-day executive management of the institution.

- 29. In many institutions worldwide, codes of good conduct or practice explicitly recognise this difference between the roles but also their mutual dependence, as well as the need to respect such difference. By highlighting the importance of all involved in institutional governance and management recognising their respective responsibilities, this Agreement seeks to reinforce the importance of differing roles being respected, either through a formal code of good practice or through explicit recognition by all concerned.
- 30. The UGC and the eight universities have worked together since the UGC published its Governance Report in March 2016. Action has been taken to implement recommendations in each of the following key areas in order to strengthen institutional governance and management:
 - Recruitment, induction and continuing professional development of university council members
 - Institutional strategy
 - Management of risk
 - Delegation of authority
 - Periodic review of governance arrangements
- 31. PolyU has responded to the recommendations by taking the following actions:

5.1 Recruitment, Induction and Continuing Professional Development of University Council Members

- 32. The Council Membership Nominations Committee makes recommendations to Council with regard to the appointment and re-appointment of Council Members under section 10(1)(d)(ii) of the PolyU Ordinance. The identification of potential Council Members is made with reference to a skills template to ensure that the PolyU Council possesses a balanced mix of skills, experience and diversity needed to guide the development of PolyU.
- 33. Council members are provided with proper induction as well as on-going training and development programs pertaining to the core functions of PolyU and updates on governance issues so that Council members can have a comprehensive understanding of the operation of PolyU for their discharge of their duties.

5.2 Institutional Strategy

34. The Council of PolyU is fully involved in the development of institutional strategies and priorities flowing from its overall mission and vision, as articulated in the 2019/20 – 2024/25 Strategic Plan of PolyU.

5.3 Management of Risk

35. PolyU has in place an Enterprise Risk Management Framework, agreed by its Council. The framework and the risk management process ensure a proper overview of strategic and key operational risks by the Council, including risk assessment, mitigation and assurance.

The Council's Audit Committee undertakes periodic reviews of the effectiveness of the risk management process.

5.4 Delegation of Authority

36. PolyU has in place a comprehensive structure of delegation, starting with the Council and its Standing Committees, each of which has a scheme of delegation. Each scheme sets out limits to authority, particularly in relation to expenditure and especially with regard to commercial activities, along with the framework for reporting and oversight of any use of delegated authority. Proper reporting mechanisms are in place to keep Council informed on a regular basis of actions taken by the Council Standing Committees and the President with authority delegated by the Council.

5.5 Periodic Review of Governance Arrangements

- 37. The PolyU Council recognizes the need to conduct regular review of governance policies and arrangements for further improvement and to cope with the changing expectations in higher education as well as within the community.
- 38. The Governance Committee of the Council is entrusted with the responsibility to review from time to time the effectiveness of prevailing policies, systems and procedures on governance issues, and to recommend improvements for Council's consideration where necessary.

6. UGC FUNDING ALLOCATION TO THE HONG KONG POLYTECHNIC UNIVERSITY

39. As set out in the Provisional Allocation Letter "Recurrent Grants for the 2019/20 – 2021/22 Triennium" dated 8 April 2019, the recurrent grants to be provided to The Hong Kong Polytechnic University in the form of block grants during the 2019-22 triennium will be **HK\$9,787.752 million**. This figure is indicative, which may increase or decrease slightly when actual competition results on the allocation of the research postgraduate places and RGC projects are available.

UGC Funding Methodology

40. Please refer to the Annex "Methodology for Determining the Levels of Recurrent Grants for the UGC-funded Universities".

Approved Student Numbers (in fte terms) for the 2019-22 Triennium

	2019/20	2020/21	2021/22
Sub-degree	1 194	1 194	1 194
Undergraduate	13 165	13 151	13 131
Taught Postgraduate	20	20	-
Research Postgraduate#	574 + (34)	497 + (108)	437 + (175)
Total*	14953 + (34)	14862 + (108)	14762 + (175)
FYFD	2 322	2 322	2 322

^{*} Figures may not add up to the corresponding total owing to rounding.

Other UGC Funding

41. Details about other earmarked grants and funding such as the funding to be allocated for Areas of Excellence Scheme, Earmarked Research Grants, knowledge transfer, etc will be announced separately.

[#] The total tentative RPg places in 2019/20, 2020/21 and 2021/22 are 250, 804 and 1 286 respectively and the allocation to the universities are shown in brackets.

7. FORMAL AGREEMENT

42. This University Accountability Agreement represents an agreement between The Hong Kong Polytechnic University and the University Grants Committee.

Signed for and on behalf of The Hong Kong Polytechnic Uni	versity by
Df Lam Tai-fai Council Chairman The Hong Kong Polytechnic University	26/6/2019 Date
Professor Philip Chan Interim President The Hong Kong Polytechnic University	20/6/2019 Date
Signed for and on behalf of the University Grants Committee	e by
Mr Carlson Tong Chairman University Grants Committee	27 June 26/9) Date
Professor James Tang Secretary-General University Grants Committee	24 June 2019 Date

Methodology for Determining the Levels of Recurrent Grants for the UGC-funded universities

The UGC's funding methodology was developed in 1994 and has been used since then for the assessment of the recurrent grants for the UGC-funded universities. It is regularly reviewed and improved to ensure that it is appropriate and relevant to current circumstances.

2. Recurrent grants for each UGC-funded university basically comprise a block grant and funds provided for specific purposes. The purpose of the UGC recurrent grants is to fund universities to support the pursuit of their different roles and missions in teaching and research.

Block grant

3. The New Academic Structure (NAS) has been implemented in the UGC-funded sector since the 2012/13 academic year. Thus, there has been new recurrent funding for the additional year under the NAS ("new pot of money") in addition to the funding ("existing pot of money") for the three years of undergraduate study and other levels of study. In this regard, for the purpose of determining the block grant allocation to universities, a "two pots of money" approach/funding methodology has been applied since the 2012/13 to 2014/15 triennium, as detailed below. Universities still receive a single lump-sum block grant in the end and the "two pots of money" approach will not affect the existing autonomy within which universities deploy their block grant.

"Existing pot of money" for the three years of undergraduate study and other levels of study

- 4. Under the "existing pot of money", the amount of block grant to the sector as a whole comprises three elements
 - (a) Teaching about 75%
 - (b) Research about 23%
 - (c) Professional Activity about 2%

Teaching element

5. The bulk of the block grant is allocated for teaching, which is an indispensable duty and mission of all universities. The Teaching element is determined on the basis of the student numbers, their study levels (i.e. sub-degree, undergraduate, taught postgraduate and research postgraduate), modes of study (i.e. part-time and full-time) and disciplines of study. Some subjects are more expensive to teach than others because of special equipment or laboratory needs, or because they are more staff time intensive, etc. Relative cost weightings by broad academic programme category are grouped into three price groups, as shown in the table below -

Academic Programme Category (APC)		Price Group of APCs		Relative Cost Weighting	
				Teaching ⁽¹⁾ Programme	Research ⁽²⁾ Programme
1.	Medicine	A	Medicine &	3.6	1.8
2.	Dentistry		Dentistry	3.0	1.8
3.	Studies Allied to Medicine and Health				
4.	Biological Sciences	В	Engineering &		
5.	Physical Sciences	В	Laboratory	1.4	1.4
6.	Engineering and		Based Studies	1.4	1.4
	Technology				
7.	Arts, Design & Performing				
	Arts		•		
8.	Mathematical Sciences				
9.	Computer Science and				
	Information Technology				
10.	Architecture and Town				
	Planning				
11.	Business and Management Studies				
12.	Social Sciences	C	Others	1.0	1.0
13.	Law				
14.	Mass Communication &				
	Documentation				
15.	Languages & Related				
	Studies				
16.	Humanities				. "
17.	Education				

Notes:

- (1) Includes sub-degree, undergraduate and taught postgraduate programmes.
- (2) Includes research postgraduate programmes.

Research element

6. The Research element, i.e. the Research Portion (R-portion), is disbursed to the universities as infrastructure funding to enable universities to provide both the staffing and facilities (e.g. accommodation and equipment) necessary to carry out research, and to fund a certain level of research. To promote research excellence, the UGC has been gradually allocating the R-portion to its funded universities on a more competitive basis according to their success in obtaining peer reviewed Research Grants Council (RGC) Earmarked Research Grants (ERGs). It was originally intended that over a period of nine years (starting from the 2012/13 academic year), about 50% of the R-portion would be ultimately allocated in this manner. In 2017, in response to the stakeholders' concerns expressed in the Review of the RGC (Phase I), the UGC approved the interim arrangement to "freeze" the percentage of the competitive part of the R-portion at 26% since the 2017/18 academic year, pending the completion of a further review on R-portion. The remaining 74% of the R-portion will be allocated with regard to the universities' performance in the Research Assessment Exercise (RAE). For the 2019/20 to 2021/22 triennium, before the

results of the forthcoming RAE in 2020 are available, the results of the RAE 2014 will continue to inform allocation of the rest of the R-portion.

Professional Activity element

7. This element of funding is intended to fund professional activities not covered by the Teaching element and Research element and is calculated based on the number of academic staff.

"New pot of money" for the additional year under the New Academic Structure

8. The funding for the additional year under the NAS, treated as a separate pot of money, is allocated wholly as "teaching funding" among faculties with price weightings of 1.4 and 1.0 for (i) Medicine, Dentistry, Engineering and Laboratory-based studies; and (ii) Others respectively.

Allocation of block grant within universities

9. The above-mentioned methodology only serves as a basis for determining the block grant allocation to the UGC-funded universities. Once allocations are approved, universities have autonomy in and responsibility for determining the best use of the resources vested in them.

Grants for specific purposes and extra-formulaic adjustments

10. The UGC is aware that its formula-based funding model cannot address all the various needs of the universities. The UGC's recommendations therefore make provision for the following specific requirements for the 2019/20 to 2021/22 triennium –

(a) <u>Earmarked Research Grants (ERG)</u>

The ERG is distributed by the RGC to support research projects and research activities of the eight UGC-funded universities. The ERG is funded by the investment income of the Research Endowment Fund (REF). To keep the amount of funding of the ERG up to the current price level, an amount of \$72.7 million will be deployed within the Cash Limit for ERG for each of the academic years in the 2019/20 to 2021/22 triennium.

(b) <u>Teaching Development and Language Enhancement Grant (TDLEG)</u>
UGC attaches great importance to teaching and learning. A sum of \$781.2 million will be provided for the TDLEG in the 2019/20 to 2021/22 triennium.

(c) Knowledge Transfer

To support expansion of institutional capacity and to broaden universities' endeavours in knowledge transfer, the UGC will continue to reserve a sum of \$68.5 million (including the inflation adjustment) for universities for each of the academic years in the 2019/20 to 2021/22 triennium.

(d) <u>Central Allocation Vote (CAV)</u>

Similar to the past triennium funding exercise, the UGC will set aside about 1.0% of the Cash Limit (i.e. \$600 million in the 2019/20 to 2021/22 triennium)

centrally to support new initiatives during the triennium, in addition to setting aside an average annual funding of \$100 million for the Areas of Excellence projects.

(e) Others

The UGC also agreed to fund a number of small extra-formulaic adjustments relating to specific activities of universities, totalling around \$72 million each year.
