

Programmes Committee (PC)

Tuesday 27 March 2018
10:00-13:00 Ballroom, 58 Prince's Gate

Present

Dr Edgar Meyer (Chair), Ms Jolande Bot-Vos, Ms Alexandra Chippy Compton, Dr Lorraine Craig, Ms Lucy Heming, Ms Kate Ippolito, Professor Jonathan Mestel, Dr Sophie Rutschmann (for Professor Sue Smith), Dr Felicitas Starr-Egger (for Dr Roberto Trotta), Dr Vijay Tymms, Ms Judith Webster, Ms Men-Yeut Wong (Secretary) and Ms Betty Yue.

In Attendance

Professor Mike Warner

Apologies

Professor Peter Allison, Mr Nicholas Burstow, Mr Luke McCrone, Professor Sue Smith and Dr Roberto Trotta.

1 Welcome and Apologies

The chair welcomed attendees to the meeting and apologies, as above, were noted.

2 Minutes of the Previous Meeting [PC.2017.30]

The minutes of the previous meeting held on 19 December 2017 were approved as an accurate record subject to minor amendments of typographical errors.

3 Matters Arising

3.1 The Chair informed members that an additional meeting of the Programmes Committee had been agreed for the end of the current academic year and would take place on 13th June 2018.

3.2 Members were informed of a new process for the approval of new Horizons modules and modifications:

1. Minor modification to introduce a new (elective) module and minor changes-To be approved by Horizons Committee (the minor modification will provide a rationale of why the new module is required);
2. CCEC¹ to approve new modules and module changes;
3. CCEC to provide an overview report to each Programmes Committee (this can be a spreadsheet log).

3.3 The Chair updated members that a new Programme Specification template had been proposed for Curriculum Review and it was noted that the initial focus would be around the Undergraduate provision with the aim to approve redesigned curricula by March 2019.

3.4 The Committee noted the proposed meeting dates of the Programmes Committee for the 2018-19 academic year and that additional dates had been scheduled in order to support Curriculum Review.

ITEMS FOR CONSIDERATION

4 New Programme Proposals

No new programme proposals had been considered at this meeting.

¹ CCEC is the Faculty Education Committee for CLCC and the new CHERS (Centre for Higher Education, Research and Scholarship)

5 Major Modifications to Existing programmes

Imperial College Business School

5.1 **PC.2017.31 2018-19 BPES Programmes (Electives)**

The Committee considered a proposal from the Business School to make strategic changes to the following four modules: Leading Organisations and Managing your Career; Business Economics; Entrepreneurship Business Plan Competition; and Entrepreneurship (Online) with effect from October 2018.

5.1.1 Discussions were held around the module learning outcomes for:

- Entrepreneurship (Online)- 'The student will develop teamwork, project management and presentation skills'.
 - The Department were recommended to consider how the presentation will be assessed for an online module;
 - The Department were recommended to consider re-phrasing this to 'The students will be able to' to align to the other Learning Outcomes;
 -
- Business Economics Learning Outcome- 'Think in the terms concepts of a professional economist'.
 - The Committee agreed that the Learning Outcome could be better articulated, and that the programme team should review how will the outcome be assessed.

5.1.2 The Committee agreed to recommend the proposal to QAEC for approval with effect from October 2018 subject to the above recommendations.

5.2 **PC.2017.32 MSc Climate Change, Management & Finance**

The Committee considered a proposal from the Business School to make changes to the assessment structure of the above programme (specifically the modules BS1917 Climate Change, Management & Finance Report, BS1918 Climate Finance and BS1913 Sustainable Strategic Management) with effect from September 2018.

5.2.1 The Committee agreed to recommend the proposal to QAEC for approval with effect from September 2018.

5.3 **PC.2017.33 MSc Finance**

The Committee considered a proposal from the Business School to make changes to the Programme Learning Outcomes of the above programme with effect from September 2018.

5.3.1 The Committee agreed to recommend the proposal to QAEC for approval with effect from September 2018.

5.4 **PC.2017.34 MSc Innovation, Entrepreneurship & Management**

The Committee considered a proposal from the Business School to make changes to the assessment structure of the above programme with effect from September 2018;

- **BS1420 Entrepreneurship**- module to contribute to the Summer term component (previously Spring) and to change from the credit weighting from 16 to 15 ECTS;
- **BS1416 Careers Workshops**- to remove this module as a pass/ fail component of the programme;
- **BS1493 Accounting Primer**- withdrawal of core pre-sessional module;
- **BS1410 Innovation, Entrepreneurship and Management report**- withdrawal of elective (core choice) module;
- **BS1418 Work Placement**- change from a doubly weighted elective to a singly weighted elective (core choice) module and to change the credit volume;
- **BS1419 Business Start Up**- to change from a doubly weighted elective to a singly weighted elective (core choice) module and to change the credit volume;
- **BS1409 Consulting Project**- to change the assessment and credit volume;

5.4.1 The Committee raised queries around the proposed modification to BS1418 Work Placement and for BS1419 Business Start Up and how the modules are weighted. The Committee

recommended that the Business School should articulate the definition of 'equally weighted' and 'singly/doubly/triply weighted' for the benefit of the student (this could be included in the marking scheme section of the Programme Specification).

5.4.2 The Committee agreed to recommend the proposal to QAEC for approval with effect from September 2018 subject to the above recommendations.

5.5 **PC.2017.35 MSc International Health Management**

The Committee considered a proposal from the Business School to withdraw the core module BS0437 Management Challenges of Healthcare Organisations and to introduce a new core module BS0456 Health and Environment with effect from September 2018;

5.5.1 The Committee agreed to recommend the proposal to QAEC for approval with effect from September 2018.

5.6 **PC.2017.36 MSc Management**

The Committee considered a proposal from the Business School to make changes to the assessment structure of the above programme with effect from September 2018; A wording change will be made to the assessment structure, distinguishing electives in to groups to be credited against Spring and Summer components. The following electives will also be made available to MSc Management students:

- **BS1405 Venture Capital and Growth Finance-** MSc Innovation, Entrepreneurship and Management
- **BS1714 Global Strategy-** MSc Economics and Strategy for Business
- **BS0948 (BS0176) CleanTech Investment, BS0949 (BS5507) Climate Change and Business Strategy** and **BS0950 (BS0166) Sustainability and Competitive Advantage-** MBA electives
- **BS0951 (BS5484) Operations Management (online)** and **BS0952 (BS5434) Brand Management (online)-** Global MBA electives

5.6.1 The Committee recommended that the Business School inform all applicants and offer-holders of the changes to the programme structure and that the electives would be grouped. It was also recommended that the Programme Specification should be updated to reflect the grouping of electives i.e. Group A/Group B.

5.6.2 The Committee agreed to recommend the proposal to QAEC for approval with effect from September 2018 subject to the above recommendations.

5.7 **PC.2017.37 MSc Strategic Marketing**

The Committee considered a proposal from the Business School to withdraw the following core modules: BS1520 Integrated Marketing Communications and BS1514 Marketing Plan Competition; and to make changes to the assessment structure of the above programme with effect from September 2018;

5.7.1 The Committee recommended that the Business School articulate the definition of 'doubly weighted' for the benefit of the student (this could be included in the marking scheme section of the Programme Specification) and that applicants and offer-holders should be informed about the withdrawal of the core modules.

5.7.2 The Committee agreed to recommend the proposal to QAEC for approval with effect from September 2018 subject to the above recommendations.

5.8 **PC.2017.38 Joint Honours (with Management Pathways)**

The Committee considered a proposal from the Business School to make changes to the learning outcomes of the core module BS0609 Global Business Management with effect from October 2018.

5.8.1 The Committee recommended that the Business School inform applicants and offer-holders about the changes to the core module BS0609 Global Business Management.

- 5.8.2 The Committee agreed to recommend the proposal to QAEC for approval with effect from October 2018 subject to the above recommendation.

Faculty of Engineering

5.9 **PC.2017.39 MEng Computing (Security and Reliability)**

The Committee considered a proposal from the Department of Computing to introduce the above stream to the existing MEng Computing suite of programmes with effect from October 2019.

- 5.9.1 The Committee noted that a Programme Specification had not been presented with the modification proposal document and that the Department should work with the Quality Assurance Team in producing a final specification. The Committee recommended that the Department review the credit structure of the above programme during Curriculum Review to align with College regulations.
- 5.9.2 The Committee agreed to recommend the proposal to QAEC for approval with effect from October 2018 subject to the above recommendations.

5.10 **PC.2017.40 MSc Computing (Artificial Intelligence) & MSc Computing (Machine Learning)**

The Committee considered a proposal from the Department of Computing to merge and replace the streams MSc Computing (Artificial Intelligence) and MSc Computing (Machine Learning) into one degree with the title **MSc Computing (Artificial Intelligence and Machine Learning)** with effect from October 2019.

- 5.10.1 The Committee noted that a Programme Specification had not been presented with the modification proposal document and that the Department should work with the Quality Assurance Team in producing a final specification.
- 5.10.2 The Committee agreed to recommend the proposal to QAEC for approval with effect from October with effect from October 2019 (recruitment and stream set up to commence upon final approval, programme withdrawal following the 2018/19 Academic Year) subject to the above recommendation.

3.11 **PC.2017.41 UG Geology, Geophysics and Earth Science (1st Proposal)**

The Committee considered a proposal from the Department of Earth Science and Engineering to make changes to the programme structures of the above suite of programmes in preparation to align to the College's Learning and Teaching Strategy. This proposal will affect the new intake of first year students with effect from October 2018.

- 3.11.1 The following changes had been proposed:

- To re-organise and combine these courses to form self-contained modules valued at the new standard sizes of 5 and 7.5 ECTS;
- To change the programme to provide 180 ECTS for BSc and 240 ECTS for MSci (270 ECTS for F663 which has a 12-month final year);
- To discontinue the concept of elements so that each 5 or 7.5-ECTS module will be assessed independently. Bundling of coursework across modules will no longer apply;
- To adopt College recommendations for dealing with failures in individual modules (College Re-sit Policy);
- To remove the element structure as separately assessed entities, and to incorporate their associated activities into conventionally taught and assessed modules.

- 3.11.2 The Committee noted that the Departments had made substantial effort to prepare its programmes to align with the Learning and Teaching Strategy; the documentation presented had been well articulated and the extensive changes had been clearly documented.

- 3.11.3 The Committee discussed the proposed changes and agreed upon the following recommendations:

- That the Department articulate a transition plan for re-sit and deferred students if their modules are affected from October 2018, this should ensure that the student experience is not too differential;
- That the Department ensure that where modules have moved years, students should not be taking a module that they have already completed;
- That the Department review their Programme Learning Outcomes during Curriculum Review to ensure that they are more streamlined;
- That the Department inform applicants, offer-holders and affected students regarding the changes to the programme;
- That the Department provide the communication drafted for applicants and offer-holders regarding the changes to the programme to the Quality Assurance Team. This will then be approved by Student marketing and the Admissions team before being sent to students

5.11.4 The Committee agreed to recommend the proposal to QAEC for approval with effect from October 2018 subject to the above recommendations.

5.12 **PC.2017.42 UG Geology, Geophysics and Earth Science (2nd Proposal)**

BSc Geology
MSci Geology
MSci Geology with a Year Abroad
BSc Geophysics
MSci Geophysics
MSci Geophysics with a Year Abroad
BSc Earth Science
MSci Earth Science
MSci Geology and Geophysics
MSci Petroleum Geoscience

The Committee received a proposal from the Department of Earth Science and Engineering to apply the proposals made in the proposal above (3.11) to the existing cohorts of the above suite of programmes with effect from October 2018.

5.12.1 The Committee agreed to recommend the proposal to QAEC for approval with effect from October 2018 subject to the above recommendations.

5.13 **PC.2017.43 MEng Chemical Engineering (1st Proposal)**

The Committee considered a proposal from the Department of Chemical Engineering to combine the following modules: CE1-03-1 First Year Design Project; CE1-03-2 Foundation Laboratory; and CE1-03-4 Introduction to Matlab, into one module **CE1-03 Chemical Engineering Practice 1** with effect from October 2018;

PC.2017.44 MEng Chemical Engineering (2nd Proposal)

To streamline the module CE1-05 Thermodynamics 1 by reducing the teaching hours and an overall reduction in the ECTS with effect from October 2018;

PC.2017.45 MEng Chemical Engineering (3rd Proposal)

To rename the module title of 'CE1-09 Properties of Matter' to 'Physical Chemistry', module content has been revised to better align to the programme curriculum and also a shortening of the 'quantum mechanics and spectroscopy' section of the module leading to a reduction of teaching hours and the overall ECTS with effect from October 2018.

5.13.1 The Committee discussed the proposed changes and agreed upon the following recommendations:

- That the Department provide a finalised programme specification to reflect the above proposals;
- That the Department ensure that the course documentation reflect the above proposals accurately (pg. 6 of the Paper PC.2017.44 notes that there are 24-29 Lectures for Generalized Analysis);
- That the Department review the pre-requisites of the programme which states that 'A-Level Physics is desirable but not essential', will additional support be made available to students who do not have an A-Level in Physics. If so, this should be made clear in the Programme Specification;

- That the Department inform applicants, offer-holders and affected students regarding the changes to the programme;
- That the Department provide the communication drafted for applicants and offer-holders regarding the changes to the programme to the Quality Assurance Team. This will then be approved by Student marketing and the Admissions team before being sent to students

5.13.1 The Committee agreed to recommend the proposal to QAEC for approval with effect from October 2018 subject to the above recommendations.

5.14 **PC.2017.46 MSc Advanced Chemical Engineering**
MSc Advanced Chemical Engineering with Biotechnology
MSc Advanced Chemical Engineering with Structured Product Engineering
MSc Advanced Chemical Engineering with Process Systems Engineering

The Committee considered a proposal from the Department of Chemical Engineering to replace the elective module 'Environmental Engineering' (available on both the MSc and MEng) with a new core module 'Advanced Environmental Engineering' with effect from October 2018. This module will be core for the Advanced Chemical Engineering programme and elective for the other 3 MSc programmes.

MSc Advanced Chemical Engineering (Core)
MSc Advanced Chemical Engineering with Biotechnology (Elective)
MSc Advanced Chemical Engineering with Structured Product Engineering (Elective)
MSc Advanced Chemical Engineering with Process Systems Engineering (Elective)

5.14.1 The Committee discussed the proposed changes and agreed upon the following recommendations:

- That the Department review the learning outcomes for the new proposed Advanced Environmental Engineering module, there should be around 10-12 outcomes of a Level 7 FHEQ standard. These outcomes should all be achievable and assessed by the Project assessment;
- That the Department review the 'Description of Content' section of the module outline to include a descriptive text which summarises the context of the module;
- That the Department inform applicants, offer-holders and affected students regarding the changes to the programme;
- That the Department provide the communication drafted for applicants and offer-holders regarding the changes to the programme to the Quality Assurance Team. This will then be approved by Student marketing and the Admissions team before being sent to students.

5.14.2 The Committee agreed to recommend the proposal to QAEC for their approval with effect from October 2018 subject to the above recommendations.

5.15 **PC.2017.47 BEng Mechanical Engineering**
MEng Mechanical Engineering
MEng Mechanical Engineering with a Year in Industry
MEng Mechanical Engineering with a Year Abroad
MEng Mechanical Engineering with a Year in Industry and a Year Abroad
MEng Mechanical Engineering with Nuclear Engineering and Year in Industry
MEng Mechanical with Nuclear Engineering

The Committee considered a proposal from the Department of Mechanical Engineering to make all years count (currently year one does not count); to make year weightings comply with the Academic Standards Framework; and change the module weighting to multiples of 5 ECTS across the programme with effect from October 2018:

Year 1

- Year 1 weighting change from **0%** to **11%**.
- Change name of ME1-HPEN from '**Professional Engineering 1**' to '**Professional Engineering Skills 1**'. We also intend to incorporate an element of engineering ethics.
- **ECTS change to multiples of 5.**

Year 2

- Year weighting change to **22%**.
- Change name of ME2-HPEN from '**Professional Engineering 2**' to '**Professional Engineering Skills 2**'.
- ECTS change to multiples of **5**.

Year 3

- Year weighting change to **33%**.
- New module: **ME3-HPEN Professional Engineering Skills 3**. This will be a 10 ECTS module that will broadly replace the ME3-Mechanical Engineering Coursework 3 module, which currently comprises Engineering Ethics, the Literature Research Project and the group Design, Make and Test project. The Design, Make and Test project will form a distinct module, ME3-HDMT (20 ECTS). ME3-HPEN will comprise the Literature Research Project, Engineering Ethics and some commercial engineering topics. The additional commercial engineering topics are a considered response to their recent IMechE accreditation exercise.
- The current year 3 core (ME3-HMSD and ME3-HTDE) will be replaced by 'core streams', each of which is comprised of two modules. These core streams are:
 - **Solid Mechanics:**
 - ME3-HSAN Stress Analysis 3
 - ME3-HFFM Fundamentals of Fracture Mechanics
 - **Thermofluids:**
 - ME3-HFMX Fluid Mechanics 3
 - ME3-HTHD (new) Thermodynamics 3
 - **System Dynamics:**
 - ME3-HMTX (new) Mechatronics 3
 - ME3-HMDV (new) Applied Vibration Engineering

At least one core stream must be taken in year 3.
- There will be a reduction in the number of electives from **5** to **4** to reflect the additional material in ME3-HPEN and a reduction by one in the allowable number of non-technical modules that can be taken.
- ECTS change to multiples of **5**.

Year 4

- Year weighting change to **33%**.
- Change of name of ME4-MAVE Advanced Vibration Engineering to **Applied Vibration Engineering**.
- ECTS change to multiples of **5**.

5.14.3 The Committee agreed to recommend the **changes to Year 2, Year 3 and Year 4** to QAEC for approval with effect from October 2018 noting the following points as discussed by the Committee:

- That the Committee noted that there are ongoing College discussions around **Year 1** of all programmes being weighted towards the final degree classification, though the Committee acknowledges the principle of the Department's proposal to weight Year 1 at 11%, the timing of this proposal had not been ideal. There had been a split Committee vote for this proposal, if the Department can provide a strong rationale to uphold this proposal then applicants and offer holders of all the affected programmes must be consulted with the proposed changes; alternative programmes must be offered to students who oppose the change;
- That if the Department agrees with the outcome detailed above, the programme specifications should be revised to reflect the correct year weightings;
- That the Department review the programme specifications for: MEng Mechanical Engineering with a Year in Industry and a Year Abroad, BEng Mechanical Engineering, MEng Mechanical Engineering, MEng Mechanical Engineering with a Year in Industry, MEng Mechanical Engineering with a Year Abroad to clarify the below statement around the total number of Horizons modules that can be taken in Yr3/ Yr4:

4 x modules from elective group (A), including no more than a total of **THREE of Horizons electives** (group (AH)) and Design & Management electives (group (AD)). For the programme as a whole, no more than **ONE Horizons**.

- That the Department consider transition plans for deferred or re-sit students for Year 2, Year 3 and Year 4 who will be affected by the above proposals, as the changes will mean that there will be a differential experience to the original programme;
 - That the Department inform applicants, offer-holders and affected students regarding the changes to the programme;
 - That the Department provide the communication drafted for applicants and offer-holders regarding the changes to the programme to the Quality Assurance Team. This will then be approved by Student marketing and the Admissions team before being sent to students.
- 5.14.4 Post Committee note: The Quality Assurance & Enhancement Team have been informed that the Department will not be weighting Year 1 of the UG Mechanical Engineering programmes.
- 5.14.5 The Committee agreed to recommend the proposal to QAEC for their approval with effect from October 2018 subject to the above recommendations.
- 5.16 **PC.2017.48 MSc Engineering Fluid Mechanics for the Offshore, Coastal and Built Environments**
The Committee considered a proposal from the Department of Civil and Environmental Engineering to make changes to the assessment strategy of the above programme with effect from October 2018.
- 5.16.1 The Committee recommended that the Department inform applicants and offer-holders regarding the changes to the programme structure and that the electives are now grouped;
- 5.16.2 The Committee agreed to recommend the proposal to QAEC for their approval with effect from October 2018 subject to the above recommendations.
- 3.17 **PC.2017.49 MEng Aeronautical Engineering
MEng Aeronautical Engineering with a Year in Industry
MEng Aeronautical Engineering with a Year Abroad**

The Committee considered a proposal from the Department of Aeronautics to redesign and rename the core module 'AE4-404 Wing Design' to 'Applied Computational Aerodynamics' with effect from October 2018;
- 3.17.1 The Committee recommended that the Department inform applicants and offer-holders regarding the changes to the programme structure and that the electives are now grouped;
- 5.17.2 The Committee agreed to recommend the proposal to QAEC for their approval with effect from October 2018 subject to the above recommendations
- 5.18 **PC.2017.50 BEng Design Engineering & MEng Design Engineering (1st Proposal)**
The Committee considered a proposal from the Dyson School of Design Engineering to make changes to the Programme Learning Outcomes and programme structure of the above programmes with effect from October 2018:
- Revision (re-wording) of the programmes learning outcomes;
 - Removal of the DE4 Enterprise Management core module and addition of the DE4 Sensing and Internet of Things core module;
 - Updates of the Programme Specification documents according to other modification requests.
- PC.2017.51 BEng Design Engineering & MEng Design Engineering (2nd Proposal)**
To make changes to the learning outcomes and assessment strategy for a suite of elective and core modules of the above programmes.
- 5.18.1 The Committee noted that the Programme Team had presented a set of well thought through proposals in ensuring that the modified programmes are well-structured and of a higher quality.
- 5.18.2 The Committee discussed the proposed changes and agreed upon the following recommendations:

- That the Department inform applicants, offer-holders and affected students regarding the changes to the programme structure;
- That the Department provide the communication drafted for applicants, offer-holders and affected students regarding the changes to the programme to the Quality Assurance Team. The communications should be approved by Student marketing and the Admissions team before being sent to students.

5.18.3 The Committee agreed to recommend the proposal to QAEC for their approval with effect from October 2018 subject to the above recommendations

Faculty of Medicine

5.19 **PC.2017.52 MSc Allergy**

The Committee considered a proposal from the Department of Medicine to offer an intermediate Postgraduate Diploma award of the above programme and to offer the opportunity for previous students of Postgraduate Certificate award to apply for the Postgraduate Diploma with effect from October 2018.

5.19.1 The Committee discussed the proposed changes and agreed upon the following recommendation:

- That the Department adhere to the regulations stated in the [Regulations for the award of Taught Master's Degrees, Postgraduate Diplomas and Postgraduate Certificates](#) specifically points 1.3.4, 1.3.5 and 1.3.6.

5.19.2 The Committee agreed to recommend the proposal to QAEC for their approval with effect from October 2018 subject to the above recommendations

5.20 **PC.2017.53 MSc Health Data Analytics**

The Committee considered a proposal from the School of Public Health to change the title of the above programme to 'MSc Health Data Analytics and Machine Learning' with effect from October 2018;

5.20.1 The Committee discussed the proposed changes and agreed upon the following recommendations:

- That the Department review the Programme Learning Outcomes and the content of the programme to ensure that 'Machine Learning' is emphasised more clearly throughout the programme;
- The Quality Assurance & Enhancement team can seek further advice from External Representatives who provided comments during the developmental stage of the programme.
- That the Department inform applicants, offer-holders and affected students regarding the changes to the programme;
- That the Department provide the communication drafted for applicants and offer-holders regarding the changes to the programme to the Quality Assurance Team. This will then be approved by Student marketing and the Admissions team before being sent to students.

5.20.2 The Committee agreed to recommend the proposal to QAEC for their approval with effect from October 2018 subject to the above recommendations

5.21 **PC.2017.54 MBBS/BSc Medical Sciences with (Specialism)**

The Committee considered a proposal from the School of Medicine to make changes to the programme structure to move the Speciality Choice Placement from Year 6 to Year 5 with effect from October 2018;

5.21.1 The Committee discussed the proposed changes and agreed upon the following recommendations:

- That the Department inform applicants, offer-holders and affected students regarding the changes to the programme;

- That the Department clarify that there will be no Musculoskeletal teaching in 2018-19 due to the Musculoskeletal placements moving to Year 6;
- That the Department provide the communication drafted for applicants and offer-holders regarding the changes to the programme to the Quality Assurance Team. This will then be approved by Student marketing and the Admissions team before being sent to students.

5.21.2 The Committee agreed to recommend the proposal to QAEC for their approval with effect from October 2018 subject to the above recommendations

5.22 PC.2017.55a BSc Medical Biosciences (1st Proposal)

The Committee considered a proposal from the School of Medicine to make changes to the learning and teaching hours for the modules 'LP1 Lab Pod 1' and 'LP2 Lab Pod 2' with effect from October 2018;

PC.2017.55b BSc Medical Biosciences (2nd Proposal)

To withdraw the module 'SMED Stratified Medicine' and to replace it with the new 'PMED Precision Medicine' with effect from October 2019.

5.22.1 The Committee discussed the proposed changes and agreed upon the following recommendations:

- That the Department inform applicants, offer-holders and affected students regarding the changes to the programme;
- That the Department provide the communication drafted for applicants and offer-holders regarding the changes to the programme to the Quality Assurance Team. This will then be approved by Student marketing and the Admissions team before being sent to students.

5.22.2 The Committee agreed to recommend the proposal to QAEC for their approval with effect from October 2018 subject to the above recommendations

6 Minor Modifications

6.1 PC.2017.56 MBA-Suite of Electives

The Committee considered an in-year proposal from the Business School to change the title of the following modules: 'Managing Uncertainty' and 'Global Elective' to 'Strategy in Volatile and Uncertain Environments' & 'The Future of Cities' with immediate effect.

6.1.1 The Committee agreed to recommend the in-year proposal to QAEC with immediate effect.

6.2 PC.2017.57 MSc Investment & Wealth Management

The Committee considered an in-year proposal from the Business School to allow students of the above programme to select the 'Advanced Company Valuation' module which is currently available on the MSc Finance and MSc Finance and Accounting programmes with immediate effect

6.2.1 The Committee agreed to recommend the in-year proposal to QAEC with immediate effect.

7 Suspensions and Withdrawals of Existing Programmes

7.1 PC.2017.58 MSc| PG Certificate| PG Diploma Process Automation, Instrumentation and Control

The Committee considered a proposal from the Department of Chemical Engineering to withdraw the above programme with immediate effect. The Department proposed to close the programme to new applicants and then to withdraw provision of the programme once all obligations to existing students are completed.

7.1.1 The Committee agreed to recommend the proposal to withdraw the above programme to QAEC with immediate effect.

7.2 PC.2017.40 MSc Computing (Artificial Intelligence) & MSc Computing (Machine Learning)

The Committee considered a proposal from the Department of Computing to withdraw the above programmes (see PC.2017.40) for recruitment with effect from October 2018.

- 7.2.1 The Committee agreed to withdraw **MSc Computing (Artificial Intelligence) & MSc Computing (Machine Learning)** from the 2018/19 recruitment cycle and to withdraw both programmes following the 2018-19 Academic Year.
- 7.3 **PC.2017.59 MEng Mathematics and Computer Science (Pure Maths and Computational Logic) & MEng Mathematics and Computer Science (Computational Statistics)**
To consider: a proposal from the Department of Computing to withdraw the above programmes for recruitment with effect from October 2018.
- 7.3.1 The Committee agreed to recommend the proposal to QAEC for approval from October 2019 (to withdraw for marketing & recruitment purposes from October 2018).
- 7.4 **PC.2017.60 MRes Biomedical Sciences (Toxicological Sciences)**
The Committee considered a proposal from the Department of Surgery and Cancer to suspend the above programme for one academic year with effect from October 2018.
- 7.4.1 The Committee agreed to recommend the proposal to QAEC for approval from October 2018.
- 7.5 **PC.2017.61 MSc Innovations in Clinical Cardiology**
To consider: a proposal from the National Health and Lung Institute to suspend the above programme for two academic years with effect from October 2018.
- 7.5.1 The Committee agreed to recommend the proposal to QAEC for approval from October 2018. It was also noted that if the Department intend to reinstate this programme after the 2-year suspension, Quality Assurance Team should be informed in the first instance.

8 Items to Note

- 8.1 **PC.2017.62 Chair's Report**
The Committee noted action taken by the chair on behalf of the Committee.

9 Any Other Business

9.1 Dates of Future Meetings

Tuesday 1st May 2018, 10:00 - 13:00, Ballroom, 58 Prince's Gate.
Wednesday 13th June 2018, 10:00 - 13:00, SALC5, 5th Floor Sheffield Building

Programmes Committee 2018-19

Tuesday 11th September 2018, 10:00 - 13:00, Ballroom, 58 Prince's Gate.
Tuesday 16th October 2018, 10:00 - 13:00, Ballroom, 58 Prince's Gate.
Tuesday 27th November 2018, 10:00 - 13:00, Boardroom, 4th Floor Faculty Building.
Tuesday 8th January 2019, 10:00 - 13:00, Ballroom, 58 Prince's Gate.
Tuesday 19th February 2019, 10:00 - 13:00, Ballroom, 58 Prince's Gate.
Tuesday 26th March 2019, 10:00 - 13:00, Ballroom, 58 Prince's Gate.
Tuesday 7th May 2019, 10:00 - 13:00, Ballroom, 58 Prince's Gate.