

Faculty Education Committee

Faculty of Engineering

Friday 15 February 2019

10:00 – 11:00

Board Room, Faculty Building

Unapproved Minutes

1 Welcome

Dr Lorraine Craig welcomed members to the meeting.

Present at the meeting: Dr Lorraine Craig (Chair), Dr Phil Power, Prof Martyn Boutelle, Dr Niamh Nowlan, Dr Maria Parkes, Dr Fariba Sadri, Dr Herbert Wiklicky, Prof Martin Blunt, Dr Clemens Brechtelsbauer, Dr Kristel Fobelets, Prof Jason Riley, Dr Mike Bluck, Dr Mark Pope, Lucy Heming, Amy Tall, and Dr Tiffany Chiu.

Not present at the meeting: Prof Nigel Brandon, Prof Omar Matar, Komal Patel, Prof Yun Xu, Richard Martin, Dr Errikos Levis, Prof Sergei Chernysenko, Prof Klaus Hellgardt, Prof Jason Hallett, Dr Mike Templeton, Prof Bassam Izzuddin, Dr Tony Field, Dr Lorenzo Picinali, Andy Brand, Dr Mark Sutton, Dr Christos Bouganis, Dr Martyn McLachlan, Dr Ulrich Hansen, Dr Monika Pazio, Alejandro Luy, Joel Bilsdorfer, Zixuan Wang, Raya El Laham, Dr Elizabeth Hauke, Dr Pavel Berloff, Prof Graham Hughes, and Prof George Jackson.

Lorraine Craig thanked colleagues for attending the special meeting of the Faculty Education Committee and noted that it was the last additional meeting of the academic year to consider curriculum review proposals.

Lorraine Craig also recorded her thanks to the members of the reference panels for their review work, and to Komal Patel for her continued work in coordinating the Faculty review and approval processes.

2 Curriculum Review Paperwork

Lorraine Craig introduced the item, noting that the purpose of this meeting was to consider the curriculum review paperwork for the Department of Bioengineering, the Department of Electronic and Electrical Engineering, and the Joint Maths and Computer Science programmes in the Department of Computing. It was noted that following the meeting, the departments would be asked to consider any recommended amendments raised by the Committee ahead of their submission to Programmes Committee on the 5 March 2019.

Each department presented their paperwork, discussed their approach to curriculum review, and answered questions from Committee members.

2.1 Bioengineering

The Committee asked the Department of Bioengineering to consider the following recommendations ahead of submission to Programmes Committee:

- To consider some minor word changes recommended by the Faculty Education Team, and check consistency across the Programme Specifications
- To review the wording relating to compensation in the progression and classification section of the programme specification with respect to the Engineering Council limit of 15 ECTS of compensated credits being awarded across the programme

- To consider whether any modules larger than 15 ECTS should be core rather than compulsory, as they could not be compensated

Action: Martyn Boutelle/Maria Parkes

Lucy Heming noted that she would send through some minor comments following the meeting.

It was noted that the reading list information for some modules would consist of research journal papers from the current literature. It was agreed that a standard wording be developed for these modules which could be added to the module outlines.

Action: Phil Power

Lorraine Craig informed the committee that the department had responded to the required amendments of their Reference Panel, and that the panel Chair had confirmed that the changes made by the department were sufficient.

Pending the immediate changes recommended, the Committee agreed to endorse the Department of Bioengineering's curriculum review paperwork for submission to the March 2019 Programmes Committee.

2.2 Electrical and Electronic Engineering

The Committee discussed how the total number of credits for the degree could be maintained at 270 ECTS for students who wish to undertake the Group Consultancy Project in year 3 of the MEng programmes. The department reported that a solution would be to recognise a three month placement over the summer vacation as an element of the Professional Portfolio module, and agreed to amend the proposal to reflect this.

Action: Kristel Fobelets/Phil Power

Furthermore the Committee discussed the structure of the proposed MEng Electrical and Electronic Engineering with Management, specifically that the iExplore module in year 3 had been categorised as Elective rather than Compulsory. The department noted that the programme has a core requirement for three BPES modules (which also fall within the iExplore offering) in both years 3 and 4. For this reason it was felt by the department that the principles of iExplore for learning beyond the department/technical discipline were met through the inclusion of the six core BPES modules. The Committee supported this view and concluded that the matter should be considered by the iExplore Module Innovation Group (IMIG) at their next meeting.

Action: Omar Matar

The Committee also asked the Department of Electrical and Electronic Engineering to consider the following recommendations ahead of submission to Programmes Committee, in addition to the required amendments from their Reference Panel:

- To update the proposal document to clarify where noted planned activities had now taken place.
- To review the assessments in the module outlines to ensure the feedback from the Reference Panel (version 3) with respect to formative assessment is articulated correctly.
- To consider reviewing the wording in the Programme Specifications relating to when an HECert or HEDip is awarded.
- To consider some minor changes to the Programme Specifications sent through by the Faculty Education Team.

Action: Kristel Fobelets

Lorraine Craig noted that further review work needs to be undertaken for the third and fourth year modules, and the Reference Panel have approved the programme on this basis. The Faculty Education Team will work with the department to ensure these reviews are approved in the next academic year.

Action: Lorraine Craig/Komal Patel

Pending the changes recommended and outcome of the next IMEG meeting, the Committee agreed to endorse the Department of Electrical and Electronic Engineering's curriculum review paperwork for submission to the March 2019 Programmes Committee.

2.3 Joint Mathematics and Computing programmes (Department of Computing)

The Committee noted that the two degree programmes were constructed from modules delivered by the Department of Mathematics and the Department of Computing, together with a small number of modules specific to students on these programmes which were adaptations of other modules.

Lorraine Craig recorded her thanks to Herbert Wiklicky for providing the required paperwork in time for committee deadline, drawing together work from the two contributing departments.

The Committee asked the Programme Director of the Joint Mathematics and Computing programme to consider the following recommendations ahead of submission to Programmes Committee:

- To consider some minor changes to the Programme Specifications sent through by the Faculty Education Team.

Action: Herbert Wiklicky

Lucy Heming noted that she would send through some minor comments following the meeting.

Pending the immediate changes recommended, the Committee agreed to endorse the Joint Mathematics and Computing programmes' curriculum review paperwork for submission to the March 2019 Programmes Committee, subject to the approval of the Department of Mathematics' modules at the Faculty of Natural Sciences Education Committee on 27 February 2019.

3 Any Other Business

There was no other business raised.

4 Dates of Future Meetings

Committee members noted that the date of the next regular meeting was Wednesday 27 February 2019.