Dear Grady

PROPOSED CHANGES TO MATHS PREREQUISITES

As discussed by the Board previously, please find enclosed Faculty Board extracts for proposed changes to the high school mathematics prerequisites for Applied Computing and Quantitative methods.

In both cases, it is proposed to increase the prerequisite from MAT2C/2D to MAT3A/3B. This recognises that the MAT2C/2D level is more commensurate with the old Year 10 maths, and below the level of Discrete Mathematics that was previously regarded as a minimum level of competency for Science.

In the case of the Applied Computing major, this has a knock on effect of allowing students to take the more advanced MATH1045, rather than MATH1050, as a complementary unit. This change will not be possible until the first cohort arrives with the improved prerequisite (which I understand to be 2015 due to the notice required to schools).

Sincerely

Prof Cara MacNish
Deputy Dean (Education)
ITEMS FOR THE ATTENTION OF THE ADMISSIONS COMMITTEE

7.2 Changes to Prerequisites

The School of Computer Science and Software Engineering requested that the prerequisites for entry into the Applied Computing major be raised from MAT2C/2D to MAT3A/3B. Correspondingly, in the Applied Computing major the School requested the complementary unit, Introductory Calculus (MATH1050) be replaced with the unit Intermediate Calculus (MATH1045). This request was detailed as per Agenda Attachment C4.

The change in the complementary unit should occur at the same time as the change in prerequisite.

These changes were requested as the School had an improved understanding of the mathematical preparation students receive in the new high school courses.

RESOLVED 03/2012
to approve the change to the prerequisites for entry into the Applied Computing major be raised from MAT2C/2D to MAT3A/3B and that complementary unit, Introductory Calculus (MATH1050) to be replaced with the unit Intermediate Calculus (MATH1045), subject to final drafting by the Legislative Committee.
We would like to request that the prerequisites for entry into the Applied Computing major be raised from MAT2C/2D to MAT3A/3B.

Correspondingly, in the Applied Computing major we would like the complementary unit, Introductory Calculus (MATH1050) to be replaced with the unit Intermediate Calculus (MATH1045).

The change in the complementary unit should occur at the same time as the change in prerequisite.

These changes are requested as we now have an improved understanding of the mathematical preparation students receive in the new high school courses.

Yours sincerely,

Mohammed Bennamoun
Professor, Head of School
School of Computer Science and Software Engineering
ITEMS FOR THE ATTENTION OF THE ADMISSIONS COMMITTEE

8. QUANTITATIVE METHODS MAJOR– RE F29707

The School of Mathematics and Statistics had requested that the prerequisite for entry into the Quantitative Methods major be raised from the current level, WACE Mathematics 2C/2D, to WACE Mathematics 3A/3B, as detailed in Agenda Attachment L.

This change was requested to address concerns regarding gaps in mathematical preparation raised in connection with the on-going development of the Masters in Quantitative Methods and in particular with a view to having both the major and the masters accredited by the relevant accrediting body.

RESOLVED 04/2012

to approve the change to the prerequisite for entry into the Quantitative Methods major from WACE Mathematics 2C/2D to WACE Mathematics 3A/3B, subject to final drafting by the Legislative Committee.
Memorandum

15 February 2012

Chair, Board of Studies (Bachelor of Science)

The School of Mathematics and Statistics wishes to request that the prerequisite for entry into the Quantitative Methods major be raised from the current level, WACE Mathematics 2C/2D, to WACE Mathematics 3A/3B.

This change is requested to address concerns regarding gaps in mathematical preparation raised in connection with the on-going development of the Masters in Quantitative Methods and in particular with a view to having both the major and the masters accredited by the relevant accrediting body.

Andrew Bassom
Head of School