TO MEMBERS OF THE CURRICULUM COMMITTEE:

CURRICULUM COMMITTEE CIRCULAR – 30 JUNE 2016

SUPPLEMENTARY CIRCULAR

PART 2 - ITEM FOR DECISION

7. TRANSITION PLAN FOR CURRENT STUDENTS SEEKING TO TRANSFER INTO THE MEDICAL SCIENCES MAJOR – REF: F74694

Members will recall that the Curriculum Committee at its June 2016 meeting endorsed by R29/16 the Phase 2 proposal for offering MJD-MEDSC Medical Sciences major for offering from 2017.

Further to its endorsement, the Committee noted that the following categories of students may seek to transfer into the major at Level 2:

a) Assured Entry Pathway (AEP) students to the MD or DMD who are in Level 1 in 2016;
b) Non-AEP students enrolled in the Biomedical Science double major in Level 1 in 2016; and
c) Non-AEP students enrolled in any biological sciences major in Level 1 in 2016 who have completed the relevant prerequisite units.

Subsequently, the Committee requested clarification with regard to the arrangements that will be in place for satisfying prerequisites at Level 2 of the Medical Sciences major. To this end, the Faculty of Medicine, Dentistry and Health Sciences has provided the proposed transition plan (Attachment J) for consideration by the Curriculum Committee.

The Chair recommends that the Committee approve the transition plan for current students seeking to transfer into the MJD-MEDSC Medical Sciences as outlined in the attachment.
Proposal for Transition to Level 2 MEDSC Major in 2017

Transitioning Students:
Transition into Level 2 of the Medical Sciences Major (MEDSC major) will be restricted to 2017.

Students who will be eligible to transfer to Level 2 of the Medical Sciences major in 2017 are:
1. Assured entry pathway (AEP) students to the MD or DMD who are in Level 1 in 2016.
2. Non-AEP students enrolled in the Biomedical Science double major in Level 1 in 2016;
3. Non-AEP students enrolled in any biological sciences major in Level 1 in 2016 and who have completed the relevant prerequisite units.

AEP students will be offered places in Level 2 of the MEDSC major as a priority. The following will apply:
1. AEP students will be given the opportunity to pick up units in second semester of 2016 to gain prerequisite knowledge for transition.
2. AEP students who are not enrolled in the Biomedical Sciences double major or another biological science major will be able to enter Level 2 of the MEDSC major by completing relevant prerequisite units in semester 2, 2016.

Other (non-AEP) students will have the opportunity to transfer until the quota of 200 is reached. Transfers will be based on academic merit. Non-AEP students will be required to have successfully completed the prerequisite transition units in 2016.

Prerequisite units for transition:
After careful consideration of the current Level 1 core units for the Biomedical Sciences double major and other biological sciences majors (Appendix 1), the following units should be prerequisites for transition into Level 2 of the MEDSC major:

Either SCIE1106 OR BIOL1130 and;
Any Level 1 Chemistry unit (CHEM1001, CHEM1002, CHEM1004) and;
Any Level 1 Anatomy unit (ANHB1001 or ANHB1002)

The units listed above will provide students with broad introductory knowledge in biology, chemistry and human biology. However, some essential knowledge is lacking, as these students will not be completing the four Level 1 units of the MEDSC major. In order to prepare students adequately for progression into Level 2 and 3 of the major, we propose the following:

1. IMED2001 (Body Defences) – the above mentioned prerequisite transition Level 1 unit combinations will prepare the students adequately for this unit.
2. IMED2002 (Blood and Drugs) – in addition to learning outcomes presented in the above mentioned prerequisite transition Level 1 units, essential knowledge of basic biochemistry and metabolism is requisite for successful completion of this unit. We propose that teaching staff delivering this unit provide additional reading material and ensure that basic knowledge is covered.
3. IMED2003 (Essentials of Research in Health and Medical Sciences) – This is a stand alone unit and does not require additional learning.

4. IMED2004 (Human Development and Genetics) – Essential knowledge of basic heredity, metabolism, signalling and physiology is lacking from the prerequisite transition Level 1 units. We propose that for 2017 only, IMED2004 be a composite unit with aspects of IMED1001, IMED2002 and IMED1003 as well as essential knowledge from IMED2004. In order to accomplish this, we recommend the student contact hours comprise lecture recordings from IMED1001, IMED1002, as well as face-to-face lectures and content from IMED1003 and IMED2004. Reduction in practical session hours will ensure that a total of 150 hours student learning is not exceeded.

Consolidated Learning

For any student enrolled in the MEDSC major or the MD/DMD, lecture recordings from the MEDSC major should continue to be available to allow review and consolidation of necessary content.

Teaching staff should provide links in LMS to the appropriate biomedical science content delivered in the MEDSC major. This will allow integration of biomedical content into the MD/DMD and provide students the opportunity to review necessary material from previous years.
Appendix 1: BSc Majors – Level 1 core and complementary units (Degree specific major)

Anatomy and Human Biology
ANHB1101
ANHB1102
MATH1720

Biochemistry and Molecular Biology
SCIE1106
CHEM1001
STAT1400
CHEM1002 or CHEM1004

Biomedical Sciences Double Major
SCIE1106
ANHB1101 or ANHB1102
CHEM1104

Genetics
SCIE1106
CHEM1001 (CHEM1003 if no WACE Chem)
STAT1400
ANHB1101 or BIOL1130

Microbiology and Immunology
SCIE1106
SCOM1101
ANHB1101 or ANHB1102 or BIOL1130

Pathology and Laboratory Medicine
SCIE1106
CHEM1004
BIOL1130
CHEM1003 (if no WACE Chem)

Pharmacology
SCIE1106
CHEM1002 or CHEM1004

Physiology
CHEM1003
MATH1720
12pts of ANHB1101, ANHB1102, BIOL1130, SCIE1106