NOTING OF DECISIONS TAKEN BY CIRCULATION TO FACULTY BOARD OF LIFE AND PHYSICAL SCIENCES DATED 25 FEBRUARY 2008

The following items were circulated to Faculty Board members for consideration on 25 February 2008. Members were requested to advise the Administrative Officer if they had any objections to the circulated items being approved. As there were no objections from members, the items are hereby minuted accordingly.

Imelda Ooi
Administrative Officer

ITEMS FOR THE ATTENTION OF ACADEMIC SECRETARIAT

1. **PROPOSED AMENDMENT TO FOUNDATION PACKAGES REF: F6294**

   The Faculty of Life and Physical Sciences' office had suggested that the Maths options in the Foundation packages (i.e. Earth Sciences and Life Sciences [Biological]), be extended with immediate effect, to include the following options - MATH1040 and STAT2210; and MATH1050 and STAT2210. Marjan Helibloom, Senior Faculty Admin Officer (FNAS), had advised that all prerequisites for STAT2210 would be removed with immediate effect, in order to include the MATH1040 and STAT2210 combination.

   This item had been circulated to Board of Studies members on 30 January 2008 for consideration and approval. As there were no major concerns or objections from Board of Studies members, it was

   **RESOLVED – 6**

   that the Maths options in the Foundation packages (i.e. Earth Sciences and Life Sciences [Biological]), be extended to include the following options - MATH1040 and STAT2210; and MATH1050 and STAT2210 with immediate effect.

2. **FACULTY GOVERNANCE AND STRUCTURE REF: F537**

   The positions of the Associate Dean (Teaching and Learning) and Associate Dean (Research) came into effect in 2007. It is necessary to amend the Faculty Governance and Structure to incorporate these two positions as they were inadvertently omitted from the Faculty Board membership.

   **RESOLVED – 7**

   that the Faculty Governance and Structure be amended to incorporate the Associate Dean (Teaching and Learning) and Associate Dean (Research) on the Faculty Board membership with immediate effect.

3. **PROPOSED MINOR CHANGE TO RULES FOR BSc (NANOTECHNOLOGY) REF: F6294**

   As a result of changes to the Level 2 Mathematics units and subsequent changes to the prerequisite Mathematics units for Level 2 Physics units, a problem had been highlighted during the enrolment process for students enrolling in the second year of the BSc (Nanotechnology). Currently, the Mathematics prerequisite units for PHYS2202 are: MATH1010, MATH1020 and MATH2200. In the BSc (Nanotechnology), students are only required to complete MATH2209 and MATH2020. This meant that under the current prerequisite Rules, students would not be eligible to enrol in PHYS2202. To rectify the problem, the Faculty had consulted the School of Mathematics & Statistics, School of Physics and the Co-ordinator of the BSc (Nanotechnology) programme, to find a solution to enable students to enrol in PHYS2202. The School of Physics had agreed that the prerequisites for PHYS2202 be changed to:

   "must have passed (MATH1010, MATH1020, PHYS1101, PHYS1102) and (MATH2200, PHYS2201) or (PHYS2201, SCIE1109, MATH2209)".
The Rules of the BSc (Nanotechnology) programme would also be amended so that students were required to complete: either (CHEM2230 Nanochemistry, MATH2020, MATH2209) or (MATH2020, MATH2209, MATH2200) as shown in attachment A of the circular.

RESOLVED – 8
that the Rules for the BSc (Nanotechnology) programme be amended with immediate effect so that students were required to complete: either (CHEM2230 Nanochemistry, MATH2020, MATH2209) or (MATH2020, MATH2209, MATH2200).

4. PROPOSED AMENDMENT TO THE RULES FOR MASTER OF SCIENCE AND TECHNOLOGY (52550) AND INTRODUCTION OF A NEW DISSERTATION UNIT
REF: F6294, F15701

The School of Physics had requested changes to the Rules for the Master of Science and Technology (52550) which had arisen due to the enrolment of an international student in the Physics programme, one of the available programmes in the course.

As the core units - ANHB8404 Investigative Techniques: Data Acquisition and Analysis; and ANHB8405 Investigative Techniques: Experimental Design and Bioethics, catered for students with a biological focus, they were not appropriate for Physics students. The School had proposed with immediate effect, the substitution of the following existing units which were more appropriate in terms of research methodology, computation, and data analysis for these students:

PHYS7415 Special Topics in Physics I
PHYS7416 Special Topics in Physics II

Along with the above units, the School had also proposed the substitution of CIT7200 Scientific Communication for the core unit, COMM7403 Science Communication - Community Presentations, as it felt that this unit had much greater relevance for Physics students.

The School had also requested the introduction of a new 36-point dissertation unit which was required for students in the Physics programme as follows:

PHYS8501 MST Physics Dissertation Part 1 (12 points); and
PHYS8502 MST Physics Dissertation Part 2 (24 points);

A covering letter from the Head, School of Physics, checklists for the proposed dissertation unit and the amendment to the Rules for the Master of Science and Technology were attached to the circular.

(Secretary’s Note: Further changes to the Rules for the Master of Science and Technology have been identified by the Co-ordinator of Science Communication programmes and these will be taken to the next Faculty Board meeting for consideration).

RESOLVED – 9
that the following be endorsed with immediate effect, subject to approval by Academic Council:

(i) proposed amendment to the Rules for the Master of Science and Technology with the substitution of CIT7200 Scientific Communication; PHYS7415 Special Topics In Physics I; and PHYS7416 Special Topics In Physics II, for the core units namely, COMM7403 Science Communication - Community Presentations; ANHB8404 Investigative Techniques: Data Acquisition and Analysis; and ANHB8405 Investigative Techniques: Experimental Design and Bioethics; and

(ii) introduction of new units – PHYS8501 MST Physics Dissertation Part 1 (12 points); and
PHYS8502 MST Physics Dissertation Part 2 (24 points)

5. ADDITION AND DELETION OF UNITS REF: F5075

The proposed list of new units is attached (Attachment A).
### Faculty of Life and Physical Sciences

**Proposals for new units – Circular to Faculty Board on 25 February 2008**

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Unit Name</th>
<th>Points Value</th>
<th>Brief Description of Unit Content</th>
<th>Courses in which offered</th>
<th>Semester offered in</th>
<th>Faculty Rules to be amended (Specify)</th>
<th>Faculty Resolution Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS8501</td>
<td>MST Physics Dissertation Part 1</td>
<td>12</td>
<td>Dissertation component for student in Physics programme of Master of Science and Technology</td>
<td>Master of Science and Technology (52550)</td>
<td>Sem 1 &amp; 2</td>
<td>N/A</td>
<td>R9/08</td>
</tr>
<tr>
<td>PHYS8502</td>
<td>MST Physics Dissertation Part 2</td>
<td>24</td>
<td>Dissertation component for student in Physics programme of Master of Science and Technology</td>
<td>Master of Science and Technology (52550)</td>
<td>Sem 1 &amp; 2</td>
<td>N/A</td>
<td>R9/08</td>
</tr>
</tbody>
</table>

I confirm that the processes leading to the proposals for the introduction of the new units listed above have included appropriate consultation with all other schools/faculties with a potential interest in the proposed new units. I am satisfied that the proposed new units will not overlap significantly with any other faculty.

Signed

DEAN