NOTING OF DECISIONS TAKEN BY CIRCULATION TO FACULTY BOARD OF LIFE AND PHYSICAL SCIENCES DATED 23 APRIL 2009

The following items were circulated to Faculty Board members for consideration on 23 April 2009. 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. DELETION OF CELL PHYSIOLOGY MAJOR  REF: F6294

The proposal from the School of Biomedical, Biomolecular and Chemical Sciences for the deletion of Cell Physiology major was approved by the joint Board of Studies in Science by circular on 7 April 2009. The Cell Physiology major (PHYL3340 or PHYL3300 combined with SCIE3325) was considered redundant by the School. Only two third-year students were enrolled in the major and the particular unit combination enshrined in the major could be accommodated under the BSc (Biomedical Science).

RESOLVED – 1
to recommend to Academic Council that the Cell Physiology major be unavailable for new enrolments effective from 2010 and be deleted once current students have completed or discontinued the major.

2. PROPOSED INCLUSION OF GENE3310 AND GENE3303 TO GENETICS MAJOR IN BSc  REF: F6294

This proposal was also approved by the Board of Studies in Science by circular. The Co-ordinator of the BSc (Genetics) program had proposed that the units GENE3303 Genetics & Animal Breeding and GENE3310 Genetics & Plant Breeding, currently offered as options in the Molecular Genetics major and the Systems Genetics major in the Genetics program, be approved as optional units in the Genetics major in the BSc. It was noted that GENE3310 and GENE3303 were incompatible with each other, i.e. only one of these two can be taken, and should be specified in the unit rules as such.

RESOLVED – 2
to recommend to Academic Council to approve with immediate effect, the inclusion of GENE3303 Genetics & Animal Breeding and GENE3310 Genetics & Plant Breeding as optional units in the Genetics major in the BSc, that unit incompatibility between GENE3303 and GENE3310 be stipulated in the unit rules and the rules for the major be amended accordingly to reflect the changes.

3. PROPOSED OFFERING OF ANHB8535 SYMBIOTICA SPECIAL TOPIC AS AN UNDERGRADUATE UNIT  REF: F5075

This item had been postponed to the next Board of Studies in Science meeting.

4. PROPOSED CHANGES TO PHYSICS HONOURS AND UNIT STRUCTURE  REF: F5075

The Board of Studies in Science had considered and approved the proposed changes to the Physics Honours and its unit structure. Honours students in the School of Physics currently undertake 24 points of coursework. The bulk of the coursework was offered via twenty 3-point units. Not all of the units were offered each year which caused confusion for students who enrolled online and the administration of the Honours course was time consuming for the Honours Co-ordinator. Based on the recommendation of the 2008 School review, the School decided to reduce the number of its Honours lecture courses as well as its Level 3 and Level 4 units as follows:

• to offer 24 points of coursework in honours via four 6-point units, each consisting of two 18-lecture courses which would be a repackaging of the current 3-point 18-lecture units. Two of the units already exist namely, PHYS7415 Special Topics in Physics I and PHYS7416 Special Topics in
Physics II. It was proposed that two new units, PHYS74XX Special Topics in Physics III and PHYS74XX Special Topics in Physics IV, be introduced to supplement the existing two units. Handbook entries for these two units would be the same as for PHYS7415;

- deletion of the twenty 3-point honours units; and
- deletion of two 6-point Level 3 units, PHYS3321 and PHYS3322, due to low enrolment numbers and the fact that they were not required for the Physics major.

**RESOLVED – 3**

to recommend to Academic Council that the following be approved with effect from 2010:

(i) introduction of two 6-point Honours units, PHYS74XX Special Topics in Physics III and PHYS74XX Special Topics in Physics IV;

(ii) deletion of twenty 3-point honours units namely, PHYS7410, PHYS7413, PHYS7417, PHYS7418, PHYS7419, PHYS7421, PHYS7422, PHYS7423, PHYS7424, PHYS7425, PHYS7426, PHYS7427, PHYS7428, PHYS7429, PHYS7430, PHYS7431, PHYS7432, PHYS7434, PHYS7435, and PHYS7436;

(iii) deletion of two 6-point Level 3 units, PHYS3321 and PHYS3322; and

(iv) the Physics Honours rules be amended accordingly to reflect the changes.

5. **PROPOSED MINOR CHANGE TO CONDITIONS FOR RAOUL ROBELLAZ KAHAN SCHOLARSHIP IN CHEMISTRY AND JOHN AND PATRICIA FARRANT SCHOLARSHIP**

**REF: F7819, F13567**

Funds for the Raoul Robellaz Kahan Scholarship in Chemistry and the John and Patricia Farrant Scholarship were held by the School of Biomedical, Biomolecular and Chemical Sciences and the School of Physics respectively. The Schools had agreed that it was more sensible for the conditions to be amended to reflect that the administration and advertisement of these scholarships be their responsibility rather than the Faculty Office.

**RESOLVED – 4**

to recommend to Academic Council that the following be approved with immediate effect:

(i) the conditions for the Raoul Robellaz Kahan Scholarship in Chemistry be amended to reflect that the administration and advertisement of this scholarship be the responsibility of the School of Biomedical, Biomolecular and Chemical Sciences; and

(ii) the conditions for the John and Patricia Farrant Scholarship be amended to reflect that the administration and advertisement of this scholarship be the responsibility of the School of Physics.

6. **PROPOSED CHANGE TO CONDITIONS FOR THE AUSTRALIAN SOCIETY FOR MICROBIOLOGY PRIZE** **REF: F1890**

The Chair of the Discipline of Microbiology and Immunology had sought approval from the Chair of the Australian Society for Microbiology to modify the conditions for the Australian Society for Microbiology (WA Branch) Prize to include the third-year core unit required for a microbiology major, MIRC3301 General Microbiology, and the equivalent special unit MIRC3912 General Microbiology, which is taken by students who undertake their degree off-shore. The Discipline Chair had proposed that the conditions for the Australian Society for Microbiology Prize be amended to read as follows:

“...... awarded to the student who has completed units comprising a major in microbiology and has gained the highest aggregate mark in MIRC2204 Introductory Microbiology and MIRC2205 General and Applied Microbiology and either MIRC3301 General Microbiology or MIRC3912 General Microbiology, and either MIRC3302 Infection and Immunity or SCIE3325 Molecular Biology in the course for the degree of Bachelor of Science.

**RESOLVED – 5**

to recommend to Academic Council that with effect from 2010, the conditions for the Australian Society for Microbiology (WA Branch) Prize be amended to incorporate the units MIRC3301 General Microbiology and MIRC3912 General Microbiology.

7. **ADDITION AND DELETION OF UNITS** **REF: F5075**

The proposed new and deleted unit lists are attached (Attachment A).
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Points</th>
<th>Description</th>
<th>Degree</th>
<th>Code</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS7431</td>
<td>Surface Physics</td>
<td>3</td>
<td>Student to consult Physics Hons co-ordinator for details about content of the unit</td>
<td>BSc (Hons)</td>
<td>9.2.8A.42</td>
<td>R3/09</td>
</tr>
<tr>
<td>PHYS7432</td>
<td>Surface Waves</td>
<td>3</td>
<td>Student to consult Physics Hons co-ordinator for details about content of the unit</td>
<td>BSc (Hons)</td>
<td>9.2.8A.42</td>
<td>R3/09</td>
</tr>
<tr>
<td>PHYS7434</td>
<td>Computational Physics I</td>
<td>3</td>
<td>Focuses on using symbolic or computer algebra to understand the real physical systems</td>
<td>BSc (Hons)</td>
<td>9.2.8A.42</td>
<td>R3/09</td>
</tr>
<tr>
<td>PHYS7435</td>
<td>Computational Physics II</td>
<td>3</td>
<td>Study of Dynamical Systems and Chaos, Schroedinger Equation, Solitons etc</td>
<td>BSc (Hons)</td>
<td>9.2.8A.42</td>
<td>R3/09</td>
</tr>
<tr>
<td>PHYS7436</td>
<td>Quantum Electronics</td>
<td>3</td>
<td>Study of historical development of computational tools, conventional computers, quantum electronic devices, quantum computation and information</td>
<td>BSc (Hons)</td>
<td>9.2.8A.42</td>
<td>R3/09</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