MEMBERS OF THE FACULTY BOARD OF LIFE AND PHYSICAL SCIENCES

SUPPLEMENTARY AGENDA – 7 AUGUST 2008

This is to advise that a meeting of the Faculty Board of Life and Physical Sciences will be held on Thursday, 7 August 2008 at 3.15 pm in the ECONS conference room.

Imelda Ooi
Administrative Officer

Further to the agenda paperwork distributed to members on 4 August 2008.

PART 3 – ITEMS FOR DISCUSSION AND DECISION

1. STUDENT EXCHANGE AGREEMENT WITH NANYANG TECHNOLOGICAL UNIVERSITY, SINGAPORE

The Faculty is keen to establish a student exchange programme with Nanyang Technological University (NTU), Singapore with a view to furthering links with that institution. NTU has an excellent reputation in all academic areas in which it is involved, including science and mathematics. The Vice Chancellor and the Dean will be meeting with the President of NTU and their Dean of the College of Science on Wednesday 13th August, and it is proposed that the exchange agreement be signed on that occasion. The Dean believes that an established link with NTU, providing the Faculty with a number of opportunities in the exchange of students and cooperative links in the areas of teaching and research, will be of significant benefit to the Faculty. A draft MOU setting out the details of the exchange is attached (Attachment Aa).

2. CREDIT AGREEMENT WITH TEMASEK POLYTECHNIC, SINGAPORE, IN PSYCHOLOGY

In June 2008 the Faculty Board agreed in principle to a formal offer of up to 48 points of credit to applicants holding the Diploma in Psychology Studies from Temasek Polytechnic, Singapore, and wishing to undertake the BSc (Psychology). A covering letter from the Head of School of Psychology and details of the proposed credit are now presented for the Board’s consideration (Attachment Ab). These have been worked out in consultation between the Head of School and the Faculty, on the basis of module descriptions from Temasek and with some discussion with other interested parties. In July the proposal was discussed by the Head of School with Temasek Polytechnic and favourably received there.

3. OFFSHORE COURSES: GRADUATE DIPLOMA IN PSYCHOLOGY  REF: F5075

Permission is sought to offer the Graduate Diploma in Psychology offshore in Singapore via PSB Academy. The Graduate Diploma in Psychology consists of all the required units for the BSc (Psychology) and is traditionally offered to those who have already an undergraduate degree, but wish to specialise in Psychology. Members will be aware that the Faculty already
offers the BSc (Psychology) offshore in Singapore. As the units required for the Graduate Diploma in Psychology are already being taught at PSB, it seems sensible to make arrangements for the Graduate Diploma in Psychology to be made available to potential applicants. A number of applications have already been received from those who have completed undergraduate degrees and who, if the Graduate Diploma in Psychology were available, would not be required to take the full 144 points for the BSc (Psychology), but only the 84 points which make up the major sequence for Psychology, and which are the required components of the Graduate Diploma in Psychology. If the Board approves this request, the Faculty could then make arrangements to obtain the necessary approvals to enable the offering of the Graduate Diploma in Psychology via PSB Academy in Singapore. Support for this proposal has been obtained from the Head of the School of Psychology in the covering letter attached (Attachment Ac).
In acknowledgement of the educational benefits that each University can gain from the other, the following Universities have agreed to the attached Memorandum of Understanding. In so doing, each University recognizes the high quality of the teaching and research conducted at the other.

MEMORANDUM OF UNDERSTANDING
STUDENT EXCHANGE PROGRAMME

BETWEEN

Nanyang Technological University

AND

The University of Western Australia

This Memorandum documents the understanding between the College of Science at Nanyang Technological University, Singapore ("NTU") and the Faculty of Life and Physical Sciences, and the Faculty of Engineering, Computing and Mathematics at The University of Western Australia ("UWA") concerning the exchange of undergraduate and postgraduate students between the two Universities (hereafter referred to as the "Programme").

The Programme seeks to broaden the scope of the academic curriculum and to provide a unique learning experience for students in an overseas environment, as well as to promote co-operation between the two universities.

The parties agree on the terms/matters stated hereunder:-

1. Interpretation

1.1 The "Exchange Period" is defined as either one, or two consecutive academic semesters, or such equivalent period, but no longer than two academic semesters, or such equivalent period, in which the student is attached. Students may commence in either semester and the exchange period may occur over two academic years provided the period of study is consecutive.

1.2 The "Exchange Student" is one who participates in the Programme between College of Science, NTU and Faculties and Schools of UWA as set out in Schedule 1.

1.3 The "Home University" is the University in which the student is originally enrolled. The "Host University" is the University to which the exchange student is attached for the duration of the Exchange Period.
1.4 For the purpose of accounting, one “Unit of Exchange” is defined as one student attending part of, or an entire semester (or such equivalent period).

1.5 The academic calendar at UWA extends from March to June (Semester 1) and July to November (Semester 2). The academic calendar at NTU extends from July to November (Semester 1) and from January to May (Semester 2). One semester of study at UWA is equivalent to one semester of study at NTU. Research students may commence at any time by agreement between the Host University and the Home University.

2. Student Exchange

2.1 The Programme is founded on reciprocity, with the intention of achieving an equal number of Units of Exchange each way over a mutually agreed period of five (5) years, the programme to be reviewed annually.

2.2 Two students in attendance for one semester each will be counted as the equivalent of one student for two semesters. In both cases, two Units of Exchange will have been achieved.

2.3 The number of Units of Exchange per year will be to the limit of three (3) for both universities and both universities will maintain a balance of the number of Units of Exchange.

2.4 There is no obligation on either University to nominate students for the Programme or to accept any students nominated.

2.5 Exchange students will continue to be treated as candidates eligible for degrees in their Home University, and will not be considered as candidates eligible for degrees in the Host University during the period of exchange.

2.6 Exchange students during the Exchange Periods will be subject to the academic rules and disciplines of the Host University.

2.7 The Home University will be responsible for screening and selecting students for the Programme, subject to acceptance by the Host University. Students must be proficient in the language of instruction at the Host University to qualify for nomination as set out in Schedule 2.

2.8 The Host University will make reasonable efforts to assist the Exchange Student to obtain housing and assist with other matters of hospitality, but is not obliged to provide housing or financial assistance of any kind whatsoever.

2.9 Exchange Students shall be responsible for obtaining their own visas and completing the required immigration formalities, and for obtaining the travel and other related documents needed to pursue their studies at the Host University. Students shall be required to obtain their own health insurance prior to travelling to the Host University. The Host University will provide the necessary documents (where applicable) to enable the exchange student to obtain a student visa.

2.10 The obligations of the two Universities under this agreement are limited to Exchange Students only, and do not extend to their spouses and dependants if any.

2.11 No monies or monetary consideration will be exchanged between the two Universities in relation to the Programme, nor will there be any indemnities, reimbursement for expenses, or sharing of fees or profits arising from the Programme. Students will be responsible for covering incidental costs such as Guild membership, textbooks and other ancillary fees and charges.

2.12 If an Exchange Student voluntarily withdraws before the end of the course or the Exchange Period, they will still be considered as having completed the relevant Units of Exchange for the purpose of accounting under the Programme. The parties agree that there will therefore be no replacement for such an Exchange Student.
2.13 Each institution will appoint an overall Coordinator to facilitate the exchange of students under the terms of this Agreement as set out in Schedule 3. The Coordinators will exchange all relevant information about the courses offered at their respective institutions (course description, timetable, admission requirements, etc).

2.14 In order to assist each other to provide useful pre-enrolment information to prospective exchange students, the parties will visit each other on a regular basis to maintain personal contacts and provide face-to-face briefings as appropriate; provide sufficient supplies of accurate promotional material and information to each other for the purposes of this agreement; provide regular and accurate updates of information to each other about courses, fees, entry requirements, living conditions, legal or regulatory conditions for visa requirements, and other government regulations; and allow the parties the right to use each other's name, logo, and any other trademark, in activities and on terms approved by the parties during the term of this agreement.

3. Student Enrolment, Attendance and Assessment

3.1 Certain programmes may be excluded from the Exchange Programme and the Host University reserves the right to exclude Exchange Students from restricted enrolment programmes. For admission to programmes or courses other than such restricted programmes, Exchange Students will be subject to the admission requirements, scheduling and capacity constraints of the Host University including but not limited to laboratory facilities and/or supervision.

3.2 Full time participation at these courses by the Exchange Students is required. “Full time” will take such definition as required by the Host University.

3.3 The equivalent of full credit for the period of study at the Host University must be provided to Exchange Students by the Home University in accordance with regulations of the Home University provided the course of study is successfully completed. Official transcripts for each student will be sent directly to the Home University at the end of the Exchange Period.

3.4 The Universities agree that an Exchange Student of the Home University who is a national of the country of the Host University will not be eligible to participate in the Programme without the permission of the Host University, as such participation may not serve the objectives of the Programme.

4. Fees and Other Expenses

4.1 Exchange Students will pay tuition and other fees at their Home University during the Exchange Period. They will also pay for all personal expenses incurred at the Host University, including visa, housing, travel, meals, health insurance, books and stationery required. They will be exempt only from tuition fees at the Host University.

5. University Responsibilities

5.1 Campus facilities and the appropriate student support including orientation and social programmes will be available to exchange students at the Host University under the same conditions, and where applicable at the same incidental fees as those applying to students at the Home University. The Host University will assist in finding housing at residential colleges or other student accommodation. The Universities will discuss annually the status of the exchange and how it might be improved.

5.2 This agreement carries no financial implications for the signatory Universities beyond the exemption of students from Host University tuition fees.
6. **Term and Termination**

6.1 This agreement shall be effective for a period of five years from the latest date by which both parties have signed this Memorandum, and shall continue in force unless terminated by either party in accordance with Clause 6.2. The agreement may be extended by mutual written consent of both parties.

6.2 Either party shall be entitled at any time at its absolute discretion to terminate the Programme by giving six month’s prior written notice to the other party. Such termination shall not affect any Exchange Students that the parties have agreed to host, prior to the effective date of the termination, even if the Exchange Period falls after the date of termination.

6.3 Each party shall ensure that adequate arrangements have been made to fulfil all commitments to the Exchange Students before the Programme is terminated.

7. **Proper Law**

7.1 Any dispute regarding the terms of this Memorandum will be construed accordingly to the laws of the country in which the Exchange Student is attached for the Exchange Period, i.e. the Host University, unless otherwise agreed in writing by the parties.

8. **Variation and Modification**

8.1 This Memorandum may be varied or modified by agreement in writing and signed by the two parties.

SIGNED:

Nanyang Technological University  The University of Western Australia
Singapore                    Australia

Professor Lee Soo Ying                  Professor George Stewart
Dean, College of Science               Dean, Faculty of Life and Physical Sciences
Nanyang Technological University       The University of Western Australia

Date:                                    Date:

Professor Su Guaning                  Professor Alan Robson AM
President                               Vice-Chancellor
Nanyang Technological University       The University of Western Australia

Date:                                    Date:
SCHEDULE 1

The participants in this programme are:

(a) The College of Science, NTU

(b) The Faculty of Life and Physical Sciences, UWA and its Schools listed below:
   (i) The School of Physics
   (ii) The School of Biomedical, Biomolecular and Chemical Sciences, including the disciplines
        of Chemistry; Biochemistry and Molecular Biology; Microbiology and Immunology; and
        Physiology.

(c) The Faculty of Engineering, Computing and Mathematics, UWA and its School listed below:
   (i) The School of Mathematics and Statistics
1. ADMISSION REQUIREMENTS FOR THE EXCHANGE PROGRAMME AT UWA

(i) General Admission Requirements

Candidates for student exchange at UWA must normally have completed at least one year of university study at the time of application to UWA and hold at least a 3.0 GPA (grade point average) on a 4.0 scale, or an overall weighted average of 65% (UWA Scale), an overall B average or equivalent. Those applying to complete a second semester must be in good standing (weighted average of at least 50% with no fail grades) upon completion of their first semester. Students who fail to achieve this may be asked to return to their Home University. Research students must have completed a recognised bachelor's degree and have previously undertaken work at a high enough standard towards a Masters or PhD degree at an approved institution.

(ii) At UWA the grading scale is:

<table>
<thead>
<tr>
<th>GRADE</th>
<th>%</th>
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</thead>
<tbody>
<tr>
<td>HD (Higher Distinction)</td>
<td>80-100</td>
</tr>
<tr>
<td>D (Distinction)</td>
<td>70-79</td>
</tr>
<tr>
<td>CR (Credit Pass)</td>
<td>60-69</td>
</tr>
<tr>
<td>P (Pass)</td>
<td>50-59</td>
</tr>
<tr>
<td>N+ (Fail)</td>
<td>45-49</td>
</tr>
<tr>
<td>N (Fail)</td>
<td>0-44</td>
</tr>
<tr>
<td>UP (Ungraded Pass)</td>
<td></td>
</tr>
<tr>
<td>P+ (Pass)</td>
<td></td>
</tr>
<tr>
<td>UF (Ungraded Fail)</td>
<td></td>
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</tbody>
</table>
2. ADMISSION REQUIREMENTS FOR THE EXCHANGE PROGRAMME AT NTU

(i) General Admission Requirements

The applicant may be of any nationality although priority for exchange spots will be given to Singapore nationals (citizens and permanent residents)

Applicants are selected based on the following criteria -

a. Academic Performance. A GPA score of 4.0 and above is recommended.

b. Record of Overseas Exposure. Students with no previous overseas experience gained from NTU’s overseas programmes will be given higher priority.

c. Ambassadorial Qualities. You should be an ambassador for NTU and Singapore, exhibiting a positive attitude towards studying and living in a different environment. You are independent and resourceful. An online motivation statement will be required at point of application.

(ii) At NTU the grading scale is:

<table>
<thead>
<tr>
<th>LETTER-GRADE</th>
<th>GRADE POINT</th>
<th>MARK RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>5.00</td>
<td>85 – 100</td>
</tr>
<tr>
<td>A</td>
<td>5.00</td>
<td>80 – 84</td>
</tr>
<tr>
<td>A-</td>
<td>4.50</td>
<td>75 – 79</td>
</tr>
<tr>
<td>B+</td>
<td>4.00</td>
<td>70 – 74</td>
</tr>
<tr>
<td>B</td>
<td>3.50</td>
<td>65 – 69</td>
</tr>
<tr>
<td>B-</td>
<td>3.00</td>
<td>60 – 64</td>
</tr>
<tr>
<td>C+</td>
<td>2.50</td>
<td>55 – 59</td>
</tr>
<tr>
<td>C</td>
<td>2.00</td>
<td>50 – 54</td>
</tr>
<tr>
<td>D+</td>
<td>1.50</td>
<td>45 – 49</td>
</tr>
<tr>
<td>D</td>
<td>1.00</td>
<td>40 – 44</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
<td>0 – 39</td>
</tr>
</tbody>
</table>
And the cut-off for each degree classification is:

<table>
<thead>
<tr>
<th>CGPA RANGE</th>
<th>CLASS OF HONOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.50 – 5.00</td>
<td>First Class*</td>
</tr>
<tr>
<td>4.00 – 4.49</td>
<td>Second Class Upper</td>
</tr>
<tr>
<td>3.50 – 3.99</td>
<td>Second Class Lower</td>
</tr>
<tr>
<td>3.00 – 3.49</td>
<td>Third Class</td>
</tr>
<tr>
<td>2.00 – 2.99</td>
<td>Pass</td>
</tr>
</tbody>
</table>

*Minimum CGPA of 4.50 and at least an 'A-' grade for the Final Year Project are required for the award of the First Class Honours degree.
SCHEDULE 3

Exchange Coordinators

Each University agrees to appoint an overall Coordinator for the administration of this agreement. The Coordinator will serve as the contact person on campus, being responsible for arrangements associated with the exchange of students, the general welfare of the exchange students, and ensuring that the necessary approvals are in place.

The Coordinators are:

For UWA

Ms Milly Ingate
Manager, Student Exchange/Study Abroad
Address: International Centre, UWA
Telephone: ++61 8 6488 3537
Fax: ++61 8 9382 4071
Email: milly.ingate@uwa.edu.au

For NTU

Ms. Pauline Ho
Senior Assistant Director
International Relations Office
Nanyang Technological University
International House #02-01
36 Nanyang Avenue, Singapore 639801
Telephone: +65 6790 5088
Fax: +65 6792 6911
Email: ixchange@ntu.edu.sg
6 August 2008

Professor George Stewart
Dean
Faculty of Life and Physical Sciences
M011

Dear George

AGREEMENT BETWEEN SCHOOL OF PSYCHOLOGY AND TEMASEK POLYTECHNIC

Following recent discussions with Temasek Polytechnic, the School of Psychology would like to draw up a formal Memorandum of Understanding between the two parties enabling students from Temasek to transfer into the BSc (Psychology) with 42 points of credit if enrolling at PSB Academy or 48 points of credit if enrolling at the Crawley campus. Students would then be required to enrol in PSYC2205 and the remaining third year units necessary to complete the requirements for the BSc (Psychology).

Yours faithfully

David Morrison
TEMASEK POLYTECHNIC: DIPLOMA IN PSYCHOLOGY STUDIES

Advanced standing for students enrolling in the BSc (Psychology) at The University of Western Australia after completing the Diploma in Psychology Studies at Temasek Polytechnic

A maximum of 48 points of credit (equivalent to one full academic year) can be offered to students enrolling in the BSc (Psychology) at the Crawley campus of The University of Western Australia. A maximum of 42 points of credit can be offered to students enrolling in the BSc (Psychology) offered by The University of Western Australia at PSB Academy.

GENERAL REQUIREMENTS

- The Diploma must be complete, with average grade of at least C over whole course;
- an official transcript of the academic record must be submitted with the application (exam results slips are not acceptable);
- a grade of at least C is required for any Diploma subject used for credit towards BSc;
- a grade of at least B is required in particular Diploma subjects, as indicated below;
- students must meet general prerequisites in English (as set out by the University’s International Centre) and mathematics (the minimum requirement is 'O' level maths with grade A or B);
- students without 'A' level maths (or equivalent) are required to take MATH1050 Calculus C as part of the BSc course.

SPECIFIC CREDITS

1. For the following group of core Diploma subjects at level 1 of the Diploma course:-
   GPS1001 Foundation Psychology A
   GPS1002 Foundation Psychology B
   GPS1004 Industrial & Organisational Psychology
   GPS1005 Introduction to Psychological Applications
   credit for both of:
   PSYC1101 Psychology: Mind & Brain (6 points)
   PSYC1102 Psychology: Behaviour in Context (6 points)

2. For the following pair of core Diploma subjects at levels 2-3 of the Diploma course:-
   GPS2001 Research Methods in Psychology A (with grade no lower than B)
   GPS3001 Research Methods in Psychology B (with grade no lower than B)
   credit for:
   PSYC2203 Psychological Research Methods (6 points)

3. For the following group of core Diploma subjects at levels 2-3 of the Diploma course:-
   GPS2002 Perception & Cognition
   GPS2004 Developmental Psychology
   GPS2005 Social Psychology
   GPS3002 Assessment & Personality
   GPS3003 Abnormal Psychology
   GPS3004 Applied Psychology Integrated Project
   GMP3001 Major Project
   credit for both of:
   PSYC2206 Social & Cognitive Psychology (6 points)
   PSYC2207 Psychology: Normal & Abnormal Development (6 points)

4. For the following core Diploma subject:-
   GST1001 Principles of Statistics (with grade no lower than B); or—
   approved equivalent subject (with grade no lower than B)
   credit for one of the following (as appropriate to the student's background):
   STAT1510 Statistics A (6 points); or—
   STAT1530 Statistics B (6 points)
5. For ANY TWO of the following elective Diploma subject at levels 2-3:-
   BBS2001 Human Resource Management
   BBS2002 Recruitment & Human Resource Administration
   BBS2003 Management of Employee Relations
   BBS3001 Human Resource Development
   BBS3002 Performance & Compensation Management
   GMG3001 Strategic & Change Management
   GPS2011 Psychology for Workplace Safety & Health
   GPS2012 Human Factors Psychology

   credit for:
   MGMT1135 Organisational Behaviour (6 points)
This credit is available only to students who have completed 'A' level mathematics (or equivalent) and who are therefore not required to take MATH1050 Calculus C.

6. For completion of at least two non-psychology electives not otherwise credited
   (e.g. BBS or computer science):
   unspecified non-science credit (6 points)
This credit is available only at the Crawley campus, not to students undertaking the course at PSB Academy.

7. No credit is given for the Temasek Polytechnic core subjects (GCD, GCS, GIP).

8. No additional credit is given for additional psychology (GPS) electives.

   Agreed in principle by the Faculty Board, Faculty of Life & Physical Sciences,
   University of Western Australia, at its meeting of June 2008.
6 August 2008

Professor George Stewart
Dean
Faculty of Life and Physical Sciences
M011

Dear George

GRADUATE DIPLOMA IN PSYCHOLOGY

This memo is to provide support from the School of Psychology for offering the Graduate Diploma in Psychology as one of the offshore degrees at PSB Singapore.

Yours faithfully

David Morrison