MINUTES OF THE FACULTY OF LIFE AND PHYSICAL SCIENCES BOARD MEETING HELD
IN THE ECONOMICS & COMMERCE CONFERENCE ROOM
ON TUESDAY 15[TH] APRIL 2008

PRESENT: Professor George Stewart (Chair), Professor Bruce Elliott, Dr Jane Emberson, Ms Jenny
Gamble, Professor Bob Grove, Professor Geoff Hammond, Mr Hubert Jurkiewicz, Dr
Thelma Koppi, Associate Professor Dave Morrison, Ms Heather Morton, Professor Linc
Schmitt, Mrs Jennifer Stevenson, Professor Geoff Stewart, Dr Karen Wallman and
Associate Professor Michael Wise

APOLOGIES: Professor Lyn Abbott, Mr Roger Dickinson, Dr Rachael Moorin, Professor Colin Raston
and Dr Angus Tavner

BY INVITATION: Dr Nancy Longnecker (for items 7 and 8)
Ms Imelda Ooi, Secretary

WELCOME

On behalf of the Faculty, the Chair welcomed Dr Karen Wallman who replaced Mr Peter Mills as academic staff
representative.

1. MINUTES REF: F3059

RESOLVED – 10
that the Minutes of the meeting held on 21 January 2008 be confirmed.

2. DECLARATIONS OF POTENTIAL FOR CONFLICT OR PERCEIVED CONFLICTS OF
INTEREST

The Chair invited members to declare interests in relation to any items on the agenda. No such conflicts
were declared.

ITEMS FOR THE ATTENTION OF ACADEMIC SECRETARIAT

3. ITEMS FROM BOARD OF STUDIES IN SCIENCE CIRCULAR DATED 2 APRIL 2008

a. RESCISSION OF BSc (SCIENCE EDUCATION) REF: F8480

Professor Grady Vennville had advised that the BSc (Science Education) would not be continuing in
2008 and beyond as enrolments had been too low for it to be viable.

RESOLVED – 11
that the BSc (Science Education) programme be withdrawn with immediate effect.
b. GRADUATE OUTCOMES REF: F5026

RESOLVED – 12
that the graduate outcomes for the BSc (Advanced Science), BSc (Biophysical Science), BSc (Green Chemistry), BSc (Physical Science), BSc (Science Communication), BSc (Science Education) and BSc (Scientific Computation) be approved, subject to amendments suggested by the Academic Student Adviser, Dr Jane Emberson, being made to the outcomes for the following programmes and final drafting once all programme outcomes are available, to ensure consistency:

BSc (Advanced Science)
the first dot-point to be changed to 'an in-depth understanding of two scientific subjects' as this program now requires completion of two science majors.

BSc (Biophysical Science)
to add an outcome to reflect that students can complete this program with a major in either biophysics or chemistry (or both).

BSc (Science Communication)
outcomes to include 'an in-depth understanding of one scientific discipline' and 'a broad understanding of related fields'.

BSc (Science Education)
no outcomes to be recorded as the programme had been deleted from 2008 onwards.

One member commented that for the BSc (Advanced Science) mention should also be made of the written and oral communication skills that students would attain.

c. WITHDRAWAL OF BIOC2250 BIOCHEMISTRY REF: F5075

The School of Biomolecular, Biomedical and Chemical Sciences had advised that due to the restructure of degree programmes in the Faculty of Natural and Agricultural Sciences, the requirement for students to take BIOC2250 in the BSc (Animal Science) programme had been modified. This had led to a steady decline in the number of students taking the unit. As a result, the School had requested that the unit be suppressed with immediate effect and that it be withdrawn from 2009 onwards, as it is no longer viable to run the unit.

RESOLVED – 13
that BIOC2250 Biochemistry offered in the BSc (Animal Science) programme, be suppressed with immediate effect.

d. PROPOSED CHANGE TO THE ADMISSION RULES FOR THE HONOURS PROGRAM IN PSYCHOLOGY REF: F4788

In December 2007, the Faculty had sought and obtained approval from the Chair of Academic Board for a waiver of the admission Rules for the Honours program in Psychology to allow students with less than the stated admission requirements to enter the program. Approval was given as the School intended to change their Honours admission requirements to the Faculty minimum.

Currently, Rule 9.2.8A.46 states as follows:–

Students must have completed –

(a) a major sequence in Psychology, as defined under Rule 9.2.6.34A, with an average mark of at least 65 per cent in the Level 3 units (48 points), including a grade of distinction or better in at least four units, which must include either PSYC3301 Psychological Research Methods: Design and Analysis or PSYC3302 Psychological Measurement and its Application, and either PSYC3310 Psychology: Specialist Research Topics or PSYC3311 Psychology: Specialist Research Topics; or

(b) equivalent as recognised by the Faculty.
The School of Psychology had set their 2008 admission requirements at a higher level to ensure that the number of students admitted would not exceed the capacity for supervision. However, the School found that it had the capacity to admit a further eight students in the 2008 intake.

The School of Psychology had requested that the Rules for entry to the Honours program in Psychology for 2009 be specified as—

"Entry to Honours in Psychology requires a minimum average mark in level 3 psychology units of 65%. Entry to this program is quota restricted; the number of places available is usually 70 but may vary with staff availability. Students who obtain distinctions or better in PSYC3301, PSYC3302, PSYC3310 and/or PSYC3311 will enhance their position in the quota selection rankings."

The School felt that the proposed change to the Rules and the application of a quota would provide flexibility for the School to admit as many students as they can accommodate in a given year.

RESOLVED – 14
that entry to the honours programme in Psychology for 2009 be amended to:
(i) students must have achieved an average of 65% in the third-year units of the major sequence in Psychology; and
(ii) entry to the programme is quota restricted.

e. REQUEST TO CHANGE TITLE OF UNIT ANTH2224 AUSTRALIAN ABORIGINAL ART AND SOCIETY REF: F5075

The Discipline of Anthropology and Sociology had requested to change the title of ANTH2224 Australian Aboriginal Art and Society to ‘Aboriginal Art: Production of Meaning’ as this better reflected the content and purpose of the course.

RESOLVED – 15
that the request to change the title of ANTH2224 Australian Aboriginal Art and Society to ‘Aboriginal Art: Production of Meaning’ be endorsed.

f. PROPOSED COMBINED BACHELOR OF SCIENCE AND BACHELOR OF MUSIC REF:

The Deputy Head of the School of Music and the Manager, Student Affairs, Faculty of Arts, Humanities and Social Sciences, had discussions with the Academic Student Adviser, Dr Jane Emberson, regarding the proposal for a combined Bachelor of Music and Bachelor of Science. The proposal was the outcome of the School of Music Review (2006 – 2007) and requests from both current and prospective students at UWA EXPO.

The academic objectives of the proposed combined course were to achieve proficiency in studies relevant to the two degree courses and possible interfaces such as music technology, acoustics studies etc.

The proposed structure would comprise a total number of 258 – 264 points required for completion, made up of Bachelor of Music (144 points); and BSc (114 – 120 points). Several students were undertaking the first year Bachelor of Music in 2008 with a view to transferring to the combined course in 2009.

RESOLVED – 16
that the proposal for a combined Bachelor of Music and Bachelor of Science in 2009 be endorsed, subject to approval by Academic Council and final drafting of the Rules by Legislative Committee.

g. PROPOSAL FOR THE ADMINISTRATION OF BSc HONOURS OFFSHORE REF: F4788

Members had before them a proposal prepared by Dr Mark Cregan, Director of the Faculty offshore programmes, for the administration of BSc Honours offshore for those students completing at PSB Academy at the end of April this year. A number of them had indicated that they would be interested in taking honours offshore, whilst others were quite interested to come to Perth. About ten students
are likely to become eligible for honours, and of these somewhere between three and five might want to take honours in Singapore.

A working party had been formed including all the honours supervisors for the programmes in the School of Biomolecular, Biomedical and Chemical Sciences from which the students would be graduating. They had agreed that offshore honours would be possible but that they would want the students to come onshore for their assessment. The students would come mid-year when the colleges were relatively empty, so accommodation should not be a problem. The other limiting factor was that not all projects would lend themselves to being supervised offshore and so the numbers of such projects on offer were likely to be small. If the offshore projects on offer were less than the number of students wanting to take them, offers would be made on academic merit (i.e. the top five students wanting offshore honours would get the five offshore projects on offer).

The fee structure for the Singapore-based students was yet to be determined. Due to the different environment under which the Singapore-based Honours students would be operating (i.e. the perceived value in the Singapore market for an Honours degree, the expense of the required additional travel to Perth for assessment, the high value of the Australian dollar, and the use of non-UWA infrastructure offshore), it had been proposed that the fee for the Singapore-based Honours programme be set at AUD$15,000 (approx. SGD$19,500). This fee would retain a relative equity with onshore international student fees where the average fee is currently AUD$24,200.

One member questioned the two-tier fee structure which is already in place for students who are studying the BSc at PSB Academy. Dr Cregan advised that the rationale for the cheaper fee structure was to reflect the lower level of services available to the offshore students as opposed to the onshore students who have access to a comprehensive range of services and activities. The member also questioned how many trips a year students would need to make to the Crawley campus and whether the travel would compromise performance. Dr Cregan advised that the number of trips would depend upon the honours program but stated that normally, it would be two to three trips during the year which would fall before or after lab/coursework and, therefore, not necessarily compromise performance. The costs of travel would be borne by the student, but this would be recompensed by the reduced enrolment fee. More importantly, Dr Cregan pointed out that it should be noted that the major benefits of offshore honours were the research collaborations, consequential research funding potential and improved access for UWA academics to lucrative Singapore research funding. These were noted by the Chair.

RESOLVED – 17
that the proposal for the administration of BSc Honours offshore be endorsed and forwarded to the International Strategies Committee for approval of the proposed fee and to Academic Council for noting.

4. PROPOSED CHANGE TO ADMISSION RULES FOR MASTER OF SCIENCE (ANALYTICAL CHEMISTRY) REF: F6294

The Course co-ordinator of the Master of Science (Analytical Chemistry) had advised that for entry into the course, an honours degree was not required nor was research experience. He had proposed that the admission Rules for the course be changed as follows:

"Admission
9.6.1.A3 The Faculty of Life and Physical Sciences may accept into the course for the degree an applicant who has a bachelor's degree with honours four year degree in chemistry from this University, or equivalent as recognised by the Faculty."

RESOLVED – 18
that the admission Rules for the Master of Science (Analytical Chemistry) be changed to a four year degree in chemistry, or equivalent.

5. PROPOSED CHANGE TO RULES FOR MASTER OF PSYCHOLOGY (50560) REF: F5197

The Course structure for the Master of Psychology states:

... “9.6.6.4(2) Students are not permitted to enrol in any of the practical placement units until coursework units to the value of at least 24 points have been completed.”
During the recent enrolment exercise, it was found that there were inconsistencies in application of the Rule as it only meant to be applied to the Industrial and Organisational Psychology stream. In order to solve the problem, the School of Psychology had proposed that the above Rule be rescinded and unit rules be used to govern enrolment in the placement units. Changes to unit rules are as follows:

PSYC8565 External Practicum - Students enrolling in this unit must have completed PSYC8575 Internal Practicum Part 1

PSYC8557 Educational and Developmental Practicum 2 - Students enrolling in this unit must have completed PSYC8552 Assessment and PSYC8558 Educational and Developmental Practicum 1 Part 1

RESOLVED – 19
that the Rules of the Master of Psychology be amended with the deletion of Rule –
“9.6.6.4(2) Students are not permitted to enrol in any of the practical placement units until coursework units to the value of at least 24 points have been completed”.

6. PROPOSED CHANGES TO THE RULES FOR THE BACHELOR OF EXERCISE REHABILITATION SCIENCE AND THE GRADUATE DIPLOMA IN SCIENCE (EXERCISE REHABILITATION) REF: F3481, F5195

Early in February this year, the School of Sport Science, Exercise and Health advised that they had received the NUCAP new course accreditation documents from the Australian Association for Exercise and Sports Science (AAESS). In order to make the Bachelor of Exercise Rehabilitation and Graduate Diploma in Science (Exercise Rehabilitation) acceptable to AAESS, it was necessary to change the enrolment of students commencing in these programs in 2008. The Faculty had sought and obtained approval from the Chair of Academic Board for the following waivers:

Bachelor of Exercise Rehabilitation – waiver of Rule 9.2.18.4(1)(b) in order to require students to complete all five units (30 points) listed in Group A of Table 9.2.18b; and waiver of Rule 9.2.18.4(1)(c) in order to have students select only one unit (6 points) from Group B listed in Table 9.2.18b.

Graduate Diploma in Science (Exercise Rehabilitation) – waiver of Rule 9.5.2A.5(1)(b) in order to require students to complete all five units (30 points) listed in Group A of Table 9.5.2A(2); and waiver of Rule 9.5.2A.5(1)(c) in order to have students select only one unit (6 points) from Group B listed in Table 9.5.2A(2).

To ensure that students were able to meet the accreditation requirements of AAESS for 2009, the School had requested that the Rules for the Bachelor of Exercise Rehabilitation and the Graduate Diploma in Science (Exercise Rehabilitation) be changed so that students would be required to complete 42 points of core units and one other optional unit.

RESOLVED – 20
that the Rules for the Bachelor of Exercise Rehabilitation and the Graduate Diploma in Science (Exercise Rehabilitation) be amended as follows:

(i) Bachelor of Exercise Rehabilitation

\[ \text{...} \]
\[ (a) \text{ all units in Table 9.2.18a (Bachelor of Exercise Rehabilitation Science Core Units)} \rightarrow 42 \text{ points} \]
\[ \text{and} \]
\[ (b) \text{ one unit chosen from Table 9.2.18b (Bachelor of Exercise Rehabilitation Science Options)} \rightarrow (6 \text{ points}) \]

(ii) Graduate Diploma in Science (Exercise Rehabilitation)

\[ \text{...} \]
\[ (a) \text{ all units in Table 9.5.2A(1) (Graduate Diploma in Science (Exercise Rehabilitation) Core Units)} \rightarrow 42 \text{ points} \]
\[ \text{and} \]
\[ (b) \text{ one unit chosen from Table 9.5.2A(2) (Graduate Diploma in Science (Exercise Rehabilitation) Options)} \rightarrow (6 \text{ points}) \]

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7. PROPOSED CHANGES TO RULES FOR MASTER OF SCIENCE COMMUNICATION (51580); MASTER OF SCIENCE COMMUNICATION AND EDUCATION (52580); AND GRADUATE DIPLOMA IN SCIENCE COMMUNICATION (51340) REF: F19885, F19993, F7788

Members had before them a proposal from Dr Nancy Longnecker, the Co-ordinator of Science Communication programs to amend the Rules for the following courses namely, Master of Science Communication (51580), Master of Science Communication and Education (52580); and Graduate Diploma in Science Communication (51340).

Speaking to the item, Dr Longnecker stated that the main bulk of the changes related to expanding the choice of electives in the courses. To provide greater flexibility, she had proposed that students be allowed to take an elective unit chosen in consultation with the course co-ordinator from units available within the University. This was in addition to the substitution of one unit to be allowed for all the Science Communication courses.

Dr Longnecker went on to say that the Master of Science Communication and the Master of Science Communication and Education were designed mainly for BSc students. However, she had received applications from domestic science teachers who had already completed the Graduate Diploma in Education as well as from internationally qualified teachers. In order to cater for this cohort, she had proposed that these applicants be allowed to undertake units aimed at upgrading their discipline knowledge and IT and communication skills. One member queried whether the level of units undertaken by this cohort should be specified in the Rules. Dr Longnecker responded that she would like to leave it open in order to accommodate applicants from various backgrounds e.g. AusAid teachers.

RESOLVED – 21

that:

(a) the Rules for the Master of Science Communication be amended as follows:

(i) core units COMM3303 and COMM7702 be changed to optional units;
(ii) inclusion of several optional education units; and
(iii) inclusion of a clause in the course structure requiring students to take two units chosen in consultation with the course co-ordinator from units available within the university (12 points)

(b) the Rules for the Master of Science Communication and Education be amended as follows:

(i) inclusion of English Language competency clause in the admission requirements
(ii) inclusion of clauses to allow:
   - one elective unit chosen in consultation with the course coordinator from the units available within the university; and
   - a student to substitute for a unit in Group A in Table 9.6.7B(2) – Master of Science Communication and Education Options

(c) the Rules for the Graduate Diploma in Science Communication be amended to allow the substitution of one unit in Group A or Group B in Table 9.5.11(2) – Graduate Diploma in Science Communication Options.

8. PROPOSED AMENDMENT TO THE RULES FOR MASTER OF SCIENCE AND TECHNOLOGY – INCLUSION OF SCIENCE COMMUNICATION OPTIONAL UNITS (52550) REF: F6294, F15701

Members had before them a proposal from Dr Nancy Longnecker, Co-ordinator of the Science Communication programmes to amend the Rules for the Master of Science and Technology to allow greater flexibility for students who had completed ‘communication units’, as well as to enable students to have the option of taking other science communication units. Speaking to the item, Dr Longnecker advised that recently, the School of Physics had requested changes to the Rules to enable students enrolled in the Physics program to undertake a different suite of ‘communication’ and ‘research’ units. The School had requested with immediate effect, the substitution of CITS7200 Scientific Communication; PHYS7415 Special Topics in Physics I; and PHYS7416 Special Topics In Physics II, for the core units i.e. COMM7403 Science Communication - Community Presentations; ANHB8404 Investigative Techniques: Data Acquisition and Analysis; and ANHB8405 Investigative Techniques: Experimental Design and Bioethics, which were considered to be not relevant for Physics students. This request had been approved (R8/08), by Faculty Board members.
Subsequently, Dr Longnecker had discussions with the Head of the School of Physics with a view to give students the option of taking other science communication units including COMM7403 Science Communication - Community Presentations, in place of CIT57200, as this unit was of relevance to other students enrolled in the program.

The Faculty Manager suggested that as waivers of the Rules were being sought for various programs, the Rules be reviewed to give students more choice in relation to the ‘communication’ and ‘research’ units. Members supported the suggestion.

**RESOLVED – 22**

that:

the Rules for Master of Science and Technology be amended as follows:

(i) COMM7403 to be changed from being a core unit to an optional unit; and

(ii) inclusion of COMM7701 Science Communication – Writing; COMM7702 Science Communication – Displays and Exhibits; COMM7703 Science and the Media; and COMM7704 Science Communication – Learning Technologies as optional units to satisfy the ‘communication’ requirement.

9. **PROPOSED AMENDMENT TO ADMISSION REQUIREMENTS FOR MASTER OF SCIENCE (HUMAN MOVEMENT) AND PROPOSED INTRODUCTION OF A TWO-YEAR MASTERS REF: F6294**

Professor Bruce Elliott, Head of the School of Sport Science, Exercise and Health, advised that the School had reviewed its course offerings and wished to propose an amendment to its current one-year Master of Science (Human Movement) and to introduce a new two-year Masters degree.

(a) **Amendment to Admission Rules for the One-Year Master of Science (Human Movement) 51530/51550/ 51610 Ref:**

Professor Elliott stated that the request to amend the admission requirements to “a relevant four-year degree” for its current one-year Masters was to allow greater flexibility for students. The Faculty Manager commented that it was a good move and hoped that other Schools in the Faculty would follow suit and review their admission requirements.

**RESOLVED – 23**

that the Rules for the one-year Master of Science (Human Movement) be amended as follows:

(i) that the admission requirements for the one-year Master of Science (Human Movement) be changed to a relevant four-year degree as recognised by the Faculty; and

(ii) the inclusion of a clause which restricts students with a Graduate Diploma in Education to a pedagogy thesis topic in the Masters by thesis and coursework.

(b) **Proposed establishment of a Two-Year Master of Science (Human Movement) 5XXXX**

Professor Elliott advised members that the proposed establishment of a two-year Master of Science (Human Movement) was aimed at accommodating students external to UWA who did not have the standard (3+1) degree qualification. He stressed that the course would be open to all students, domestic as well as international. Although the Graduate Diploma in Science (Human Movement) was generally undertaken by students who had not completed honours as a precursor to the Masters program, the diploma program was not acceptable to international students who were only able to secure financial support from their home government for a masters degree.

In response to a query regarding the provision of an exit point, Professor Elliott reiterated that domestic students who did not do well in the course would exit via the Graduate Diploma in Science. It was hoped that the two-year Masters would cater to the needs of international students and enable the School to increase its student numbers. Checklists for the proposed course were attached to the Agenda and the draft Rules were circulated to members prior to the meeting.

**RESOLVED – 24**

that the introduction of a two-year Master of Science (Human Movement) 5XXXX be endorsed, subject to approval by Academic Council and final drafting of the Rules by Legislative Committee.
10. PREREQUISITES FOR ENTRY TO SCIENCE COURSES  REF: F1158

The University had to provide information to TISC by the end of April this year for the document '2011 Admission Requirements for School Leavers', which had been circulated to schools to enable school students to choose their subjects for years 11 and 12. The Pro Vice-Chancellor (Teaching & Learning), Associate Professor Jane Long, had set an absolute deadline of Monday 21st April for faculties to set prerequisites for their courses. Members had before them the following documents:

- 'The new school mathematics courses—A guide for universities', an outline provided by Associate Professor Ken Harrison (Murdoch), of the Maths Examining Panel, with a summary of content;
- Associate Professor Jane Long’s memo of 7th April;
- current TEE prerequisites for UWA science courses; and
- recommendation from the Chair of Chemistry with regard to chemistry prerequisites

Speaking to the item, the Academic Student Adviser, Dr Jane Emberson, advised members that a meeting had been held in late February with Associate Professor Harrison and a representative of the Curriculum Council regarding the new mathematics curriculum. A single course, terminating with MAT3C/D, would replace the current split mathematics structure, i.e. TEE discrete mathematics versus applicable mathematics; a separate course at stage 3, MAS 3A/B and MAS 3C/D, would replace TEE calculus. The view of the Curriculum Council and Maths Examining Panel was that the Mathematics: Specialist course MAS 3C/D corresponded to TEE Calculus; the Mathematics course MAT 3C/D corresponded approximately to TEE applicable mathematics and MAT 2C/D approximately to TEE discrete mathematics. The Curriculum Council had advised that MAT 3A/B was considered to be at tertiary entrance level. Dr Emberson went on to say that students would be expected to take the units in pairs, e.g. taking MAT 3A/B, not just taking MAT 3A by itself. As MAT 3A/B is the mid-point between discrete and applicable mathematics, students would be better prepared for entry to science courses. The MAT units were expected to be offered by all schools; as with TEE calculus, it was likely that some schools would not offer the MAS course, though it would be available through distance education. Students who did not do well in a unit would be able to repeat it unlike the current mathematics curriculum. The first cohort taking this curriculum would complete year 12 in 2010.

Members noted Associate Professor Harrison’s statement that “There will be ‘bonuses’ in TER calculations that will act as incentives for students to study mathematics at the highest level within their capabilities”, and that the more able ‘discrete maths’ students — those aiming for university entrance — would probably undertake MAT 3A/B.

Dr Emberson stated that members now had to decide what would be the appropriate units for entry to science courses at UWA and suggested that MAT 3A/B be set as the minimum entry level for the BSc. A lengthy discussion ensued. The following points were noted:

- Mathematics standards had been dropping in schools. This was an opportunity to set a higher standard.
- It was queried whether students would necessarily take the mathematics units in pairs (e.g. 3A/B, not just 3A) and what the consequences would be if in fact they did not.
- The Pro Vice-Chancellor (Teaching and Learning), had advised that MAT 2C/D would be the nearest equivalent to the current prerequisite of 'any TEE mathematics', with MAT 3A/B strongly recommended. She had stressed, however, that faculties were free to set higher prerequisites.
- Teaching of MATH1050 had been problematic and setting MAT 3A/B as the base level would eliminate the need for students to undertake the unit in its current form. Dr Emberson advised that the School of Mathematics had set MAT 3A/B as the prerequisite for MATH1050.
- It was feared that if the lower level mathematics units were set, students would not be encouraged to undertake the higher level units. Hitherto recommending a higher level mathematics, TEE applicable mathematics, had not prevented an increasing proportion of students from choosing only TEE discrete maths. Some high schools had, indeed, been streaming students to do the easier mathematics units so that TER results would reflect well on the schools’ reputation.
- It was pointed out that this might be different in the new structure, as bonus points would be given for higher level mathematics units.
- The Chair argued strongly that, if the standard was set above MAT 2C/D, there was the potential of losing students, which would be detrimental to the Faculty.
- It was acknowledged that students coming in with MAT 2C/D would be required to undertake one or more specified maths units within their course.
• Individual disciplines would (as at present) act to raise students' mathematics skills from the minimum requirement to the appropriate level for their majors or programs.
• It was noted that UWA Business School had accepted MAT 2C/D as the base level and the Faculty of Natural and Agricultural Sciences (FNAS) was likely to set its base level at MAT 2C/D for the four-year BSc and to favour that level for entry to the three-year BSc.
• The Faculty Manager suggested that, as there was insufficient time for further discussion with FNAS, the prerequisite should be set initially at MAT 2C/D, and raised later to MAT 3A/B if it turned out in practice that most applicants were completing MAT 3A/B.

A motion proposing MAT 3A/B as the prerequisite for entry to the BSc course was put by the Academic Student Adviser and was defeated. A motion put forward by the Chair to set it as MAT 2C/D was supported by a majority of members.

The Academic Student Adviser reported that the physics units 3A/3B had been assessed by the School of Physics as comparable to the current TEE physics. Members had before them advice from the Chair of Chemistry recommending the chemistry units 3A and 3B as prerequisites equivalent to TEE chemistry.

RESOLVED – 25
that:
(i) the mathematics prerequisite for entry to the Faculty's undergraduate courses in general be set as MAT 2C/D, with MAT 3A/B strongly recommended;
(ii) students who enter the undergraduate course with only MAT 2C/D will be required to complete further mathematics within the course;
(iii) the mathematics prerequisite for majors or programs that currently require TEE applicable mathematics be set as MAT 3C/D;
(iv) the mathematics prerequisites for majors or programs that currently require TEE applicable mathematics and TEE calculus be set as MAT 3C/D and MAS 3C/D;
(v) the physics prerequisite for majors and programs that require TEE physics be set as physics 3A and 3B; and
(vi) the chemistry prerequisite for majors and programs that require TEE chemistry be set as chemistry 3A and 3B.

11. OTHER BUSINESS

The Chair drew members' attention to the CSIRO Student Research Scheme. He pointed out that it was very successful in 2007 due to the participation of several Schools and urged them to continue their support for the Scheme this year. He asked Heads of Schools to submit names of potential supervisors and titles of projects for the Scheme.