MEMBERS OF THE BOARD OF THE FACULTY OF LIFE AND PHYSICAL SCIENCES

The first meeting of the Board of the Faculty of Life and Physical Sciences will be held on **Tuesday, 17 June 2008 at 2.15 pm** in the Economics and Commerce conference room.

Membership of the Board is as follows:

Dean (Professor G Stewart)
Deputy Dean (Professor Bob Grove)
Associate Dean, Teaching & Learning (Professor Geoff Hammond)
Associate Dean, Research (Professor Colin Raston)
Academic Student Adviser (Dr Jane Emberson)
Faculty Manager (Ms Jenny Gamble)
Associate Professor Ian Dadour (Director, Centre for Forensic Science)
Mr Roger Dickinson (Director, Centre for Learning Technology)

*Heads (or their nominees) of the following Schools:*
  Anatomy and Human Biology
  Biomedical, Biomolecular and Chemical Sciences
  Sport Science, Exercise and Health
  Physics
  Psychology

*Elected representatives (or their alternates):*
  Professor Jim Chisholm (Anatomy & Human Biology)
  Dr Silvana Gaudieri (Centre for Forensic Science)
  Dr Linda Jeffery (Psychology)
  Mr Hubert Jurkiewicz (Psychology)
  Dr Thelma Koppi (BBCS)
  Ms Heather Morton (Anatomy & Human Biology)
  Mrs Jennifer Stevenson (BBCS)
  Dr Karen Wallman (Sport Science, Exercise and Health)
  Associate Professor Michael Wise (BBCS)

*Nominees from the following Faculties:*
  Professor Lyn Abbott (Faculty of Natural and Agricultural Sciences)
  Dr John Henderson (Faculty of Arts, Humanities and Social Sciences)
  Dr Angus Tavner (Faculty of Engineering, Computing and Mathematics)
  Dr Rachael Moorin (Faculty of Medicine and Dentistry)

Science Union (VP, Education – Ms Matilda Oke)

Part I of the Agenda is to be dealt with en bloc by motion of the Chair. Part II is for discussion. A member may request the removal of an item from Part I to Part II.

Any member of the Faculty of Life and Physical Sciences (see Statute 8[12]) may attend the meeting as an observer, with speaking rights only, by prior arrangement with the Dean or the Faculty Manager.

A full copy of this agenda (including attachments) is sent to all administrative secretaries for consultation by Faculty members.

Imelda Ooi
Administrative Officer
AGENDA

1. MINUTES REF: F3059

Confirmation of Minutes of meeting held on 22 May 2008 subject to the following paragraph being added at the start of the last paragraph for item 4 –

"The accompanying appendices indicated that staff from the School of Anatomy & Human Biology would be involved in the teaching of the program/unit and the School had been consulted. The Head of School of Anatomy & Human Biology said he had not received a formal request for staff from the School to be involved in the program and it was unlikely, in the current circumstances of excessive teaching loads, that the School could make a significant on-going contribution."

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

The Chair invites members to declare interests in relation to any items on the agenda.

PART 1

(Items for Communication to be dealt with en bloc)

3. There are no items.

PART II

(Items for Decision to be dealt with en bloc)

4. ITEMS FROM THE BOARD OF STUDIES MEETING HELD ON 3 JUNE 2008

A copy of the minutes of the Board of Studies meeting held on 3 June 2008 is attached (Attachment A). As no major concerns or issues were raised, the Chair recommends the following:

a. PROPOSED CHANGE IN UNIT NAME FOR PATH3311 BIOThERAPEUTIC REGENERATION REF: F5075

that the proposed name change of PATH3311 Biotherapeutic Regeneration to “Biotherapeutics & Regenerative Medicine” be endorsed.

b. RESCISSION OF ANHB3308 DEVELOPMENTAL BIOLOGY REF: F5075

that the rescission of ANHB3308 Developmental Biology be endorsed from 2009 onwards.

c. UWA HANDBOOK: SCIENCE FACULTIES’ POLICY AND GUIDELINES REF: F6294

that the proposed changes to Science Faculties’ policies and guidelines as outlined in Attachment A of the Board of Studies Agenda and the addendum to the attachment, be endorsed.

d. SCIENCE FACULTIES’ RULES REF: F6294

that the following changes to Science Faculties’ Rules be endorsed, subject to approval by Academic Council:

(i) Time Limits

9.2.1.1 Where a student is granted credit towards a bachelor’s degree course by virtue of work completed in another degree course at this or another institution, the student must complete the requirements for the new degree course within ten calendar years of the date on which that previous study began.
(ii) Course Structure

9.2.4.3 (1) The course consists of units to a minimum total value of 144 points and a maximum total value of 168 points comprising—

(a) one of the foundation packages set out in 9.2.5, comprising Level 1 units to the value of 48 points and including units leading to at least three of the Science majors listed in Rule 9.2.6.2, which must be in three different subject areas; [...] 

(iii) Foundation Packages

A. Mathematics & Computer Science Foundation Package

(d) Level 1 units to the value of 24 points, chosen in consultation with a Faculty Adviser, and including at least one pair of units from another Science Foundation Package and leading to a third science major.

B. Life Sciences (Human & Behavioural) Foundation Package

(a) two units from each of at least two of Groups A, B, C, D, E, F or G in Table 9.2.5f [...]—at least 24 points; and

(b) if only 24 points have been taken under (a), one pair of units from another Science Foundation Package, leading to a third science major; and

(c) if necessary to make up the required number of points, Level 1 units chosen in consultation with a Faculty Adviser—maximum of 12 points.

5. PROPOSED CHANGE OF UNIT NAMES FOR ANHB8504 INTEGRATIVE ANATOMICAL AND HUMAN STUDIES & ANHB8405 INVESTIGATIVE TECHNIQUES: EXPERIMENTAL DESIGN AND BIOETHICS REF: F5075

The School of Anatomy & Human Biology wishes to rename two of its postgraduate units as follows:

<table>
<thead>
<tr>
<th>Current Name</th>
<th>Proposed Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANHB8404 Investigative techniques: Data Acquisition and Analysis</td>
<td>Project Analysis</td>
</tr>
<tr>
<td>ANHB8405 Investigative techniques: Experimental Design and Bioethics</td>
<td>Project Design</td>
</tr>
</tbody>
</table>

The School advises that there will be no change to the content of these units and that the name change will better fit the understanding and expectations of local and international students. The covering letter (Attachment B) from the Head of School, lists the courses in which the above two units are offered.

PART III

(Items for discussion and Decision)

6. PROPOSED INTRODUCTION OF GRADUATE CERTIFICATE IN ADULT SLEEP SCIENCE

The School of Anatomy & Human Biology is proposing a Graduate Certificate in Adult Sleep Science to address the absence of undergraduate or postgraduate courses in sleep science. There has been a rapid growth in the number of clinical sleep laboratories which have been providing training for the sleep technologists (sleep scientists). The School advises that currently, no formal laboratory-based course for training staff in sleep science exists in Australia. It is hoped that a postgraduate qualification in Adult Sleep Science will address this need with the provision of vocational skills and knowledge in the professional area of sleep science.

The educational model will be based on a combination of intensive block training and flexible distance education units. This model suits the current market where international and local students require the option of undertaking intensive training to minimise living costs while undertaking continued education. The course has the support of sleep physicians in WA many of whom have indicated their willingness to be involved in the teaching and have offered their practices for clinical placements. The School expects to introduce a Graduate Diploma and Masters in Adult Sleep Science in 2010.
The following new non-standard semester units will be introduced:
- ANHB84XX Fundamentals of Sleep technology
- ANHB84XX Fundamentals of Sleep Biology
- ANHB84XX Sleep Technology in Practice
- ANHB84XX Sleep Biology in Practice

Checklists for the proposed Graduate Certificate, draft rules and new unit proposals are attached (Attachment C).

7. PROPOSED CHANGES TO GRADUATE DIPLOMA IN SCIENCE (BIOLOGICAL ARTS) AND MASTER OF SCIENCE (BIOLOGICAL ARTS) REF: F12838, F12837, F6294

The School of Anatomy & Human Biology is proposing to restructure the Graduate Diploma in Science (Biological Arts) and Master of Science (Biological Arts) courses in order to make the course information and structure more readily understood by local and international prospective students and to enhance the course content by including offerings from visiting experts. The proposed changes will provide a more varied choice of elective units for students as the current units are too restrictive for the individual student's interests. An intensive unit

The School wishes to suppress the 12-point unit – ANHB8512 Project Unit Research, and to replace it with the following new 6-point units:
- ANHB85XX SymbioticA Special Topic (an intensive, non standard semester unit to be taught by a visiting expert)
- ANHB85XX SymbioticA Project Research Unit

Checklists for major changes to the Graduate Diploma in Science (Biological Arts) and Master of Science (Biological Arts), amended rules for the two courses and new unit proposals are attached (Attachment D).

8. PROPOSED CHANGES TO GRADUATE DIPLOMA IN ANATOMICAL SCIENCES (51300), GRADUATE DIPLOMA IN HUMAN BIOLOGY (51320) AND MASTER OF SCIENCE (ANATOMY & HUMAN BIOLOGY) REF: F6294

The School of Anatomy and Human Biology wishes to propose changes to the structure of its postgraduate offerings namely, the Graduate Diploma in Anatomical Sciences, Graduate Diploma in Human Biology and the Master of Science (Anatomy & Human Biology)

Currently, the School offers the following:
- 1-year (48 points) Graduate Diploma in Anatomical Sciences (51300) leading to the Master of Science (Anatomy & Human Biology) 48 points; and
- 1-year (48 points) Graduate Diploma in Human Biology leading to the Master of Science (Anatomy & Human Biology) 48 points

The School wishes to propose the following:
- Rescind the current 1-year Masters course;
- introduce a 2-year Master of Anatomical Sciences and a 2-year Master of Human Biology, available only by coursework and dissertation, each with essentially the same content as the current 1-year 48 point Graduate Diploma followed by the 1-year 48 point Masters course;
- articulate each Graduate Diploma course with the appropriate Master’s degree;
- allow up to 48 points credit in the Masters courses if applicants have either an appropriate Graduate Diploma, completed a professional degree of 4 years or more, an honours degree, or have at least two years appropriate work experience;
- make the course information and structure more readily understood by both local and international prospective students;
- allow students to exit the Masters course after one year with a Graduate Diploma;
- increase the research component required in all four courses; and
- simplify the unit offerings
The School feels that the two separate courses model where students complete a 48-points honours degree or Graduate Diploma before enrolling in a 48-point masters course is no longer appropriate for International Students. Governments of foreign countries are more likely to fund their student’s overseas study if the student is enrolled into a Master’s degree.

In line with the above proposed changes, the School wishes to rescind the following modes of study offered in its Master of Science (Anatomy & Human Biology):

- by thesis and coursework (research component is 75%). Students in this stream of study are rare as most prefer 100% research; and
- by coursework

The following new units will be introduced:

- ANHB84XX Concepts and Developments in Anatomical Sciences
- ANHB84XX Anatomical Sciences Project
- ANHB84XX Principles and Practice of Anatomical Sciences Parts 1 and 2
- ANHB84XX Anatomical Sciences Dissertation Parts 1 and 2
- ANHB84XX Current Concepts in Human Biology
- ANHB84XX Human Biology Project
- ANHB84XX Principles and Practice of Human Biology Parts 1 and 2; and
- ANHB84XX Human Biology Dissertation Parts 1 and 2

The following units will be deleted:

- ANHB8416 Human Morphology: Form and Function Part 1
- ANHB8417 Human Morphology: Form and Function Part 2
- ANHB8418 Cells and Tissues: Form and Function Part 1
- ANHB8419 Cells and Tissues: Form and Function Part 2
- ANHB8420 Morphometric Techniques and Analysis Part 1
- ANHB8421 Morphometric Techniques and Analysis Part 2
- ANHB8414 Human Variation and Adaptation Part 1
- ANHB8415 Human Variation and Adaptation Part 2
- ANHB8422 Human Ecology and Reproduction Part 1
- ANHB8423 Human Ecology and Reproduction Part 2
- ANHB8424 Human Biology: Field and Laboratory Studies Part 1
- ANHB8425 Human Biology: Field and Laboratory Studies Part 2
- ANHB8426 Research Project Part 1
- ANHB8427 Research Project Part 2
- ANHB8428 Anatomy and Human Biology Dissertation Part 1 (12 points)
- ANHB8429 Anatomy and Human Biology Dissertation Part 2 (12 points)
- ANHB8507 Anatomy and Human Biology Dissertation (24 points)

Checklists for major changes to the Graduate Diploma in Anatomical Sciences, Graduate Diploma in Human Biology, and Master of Science (Anatomy & Human Biology), proposed amended Rules for all three courses and new unit proposals are attached (Attachment E).

9. FINAL SUPPLEMENTARY ASSESSMENT AT PSB REF: F5481

University General Rule 1.2.1.25 (4) reads as follows:-
"If a bachelor's pass degree student has obtained a mark of 45 to 49 inclusive in a unit in which they are currently enrolled and it is the only remaining unit that the student must pass in order to complete their course, a Board of Examiners must provide the student an opportunity for supplementary assessment in the unit, unless the faculty has been granted an exemption in the case of the unit concerned."

The Science Faculties' policy on supplementary assessment (besides providing for it in units at level 1) does not differ from the above. "Currently enrolled" means "enrolled in the semester in which the course would be complete if all units were passed". The "final supplementary assessment" is thus available only for a unit in the student's final semester; it is no longer possible for a student, having finished all other requirements of the degree in Semester 2, to be offered a final supplementary assessment for a unit he/she failed with N+ in Semester 1. Any proposed exceptions to the rule must be approved by Academic Council.
At PSB Academy, students take (with very rare exceptions) only one unit at a time, and will therefore always be enrolled in only one unit in their final teaching period. Under the rule they have only one chance for a final supplementary assessment, whereas Crawley students may be taking up to four units in their final semester (or even more, if overloading) and would be eligible for a supplementary assessment in any one of them.

The PSB Academic Sub-committee proposes to make a "final supplementary assessment" available in the final 24 points of the course, on the grounds that that is equivalent to a "final semester" and would thus establish greater equity between PSB and Crawley. A student who had previously completed 120 points of the BSc course would be eligible for a "final supplementary assessment" in any one unit begun after that point; the supplementary assessment would not be offered until the student had completed all other requirements of the course. This might mean taking a supplementary assessment some considerable time after failing the unit in question.

Faculty Board is asked to consider this proposal and decide whether to forward it to Academic Council for approval.

10. OTHER BUSINESS