MINUTES OF THE FACULTY OF LIFE AND PHYSICAL SCIENCES BOARD MEETING HELD IN THE ECONOMICS & COMMERCE CONFERENCE ROOM ON TUESDAY 17TH JUNE 2008

PRESENT: Professor George Stewart (Chair), Professor Bob Grove, Professor Geoff Hammond, Dr Jane Emberson, Ms Jenny Gamble, Associate Professor Neville Bruce, Professor Geoff Stewart, Mr Roger Dickinson, Associate Professor Ian Dadour, Dr Thelma Koppi, Dr Linda Jeffery, Mr Hubert Jurkiewicz, Ms Heather Morton

APOLOGIES: Professor Linc Schmitt, Professor Bruce Elliott, Mrs Jennifer Stevenson

INVITEES: Associate Professor Peter Eastwood (for item 6), Ms Ionat Zurr (for item 7)

Ms Imelda Ooi, Secretary

1. MINUTES REF: F3059

RESOLVED – 36
that the Minutes of meeting held on 22 May 2008 be confirmed subject to the following paragraph being inserted at the start of the last paragraph for item 4 (Proposed Introduction of the Anthropology Program within the Graduate Diploma and Master of Forensic Science)

"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 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 THE BOARD OF STUDIES MEETING HELD ON 3 JUNE 2008

The entries for the following items reflected discussions that took place at the Board of Studies meeting on 3 June 2008:

a. PROPOSED CHANGE IN UNIT NAME FOR PATH3311 BIOTHERAPEUTIC REGENERATION

The School of Pathology and Laboratory Medicine requested that the name of PATH3311 Biotherapeutic Regeneration be changed to “Biotherapeutics & Regenerative Medicine” as it felt that the new name would attract more students’ focus on the course and provide them with a better employment opportunity.
RESOLVED – 37
that the proposed name change of PATH3311 Biotherapeutic Regeneration to “Biotherapeutics & Regenerative Medicine” be endorsed.

b. **RESCISSION OF ANHB3308 DEVELOPMENTAL BIOLOGY REF: F5075**

The School of Anatomy & Human Biology wished to rescind ANHB3308 Developmental Biology due to lack of qualified staff to teach the unit and low enrolment numbers. The School advised that removing the unit from its major pathways would not prevent students from completing an ANHB Major and would have minimal impact on students as the unit had already been suppressed in January 2008.

RESOLVED – 38
that the rescission of ANHB3308 Developmental Biology be endorsed from 2009 onwards.

c. **UWA HANDBOOK: SCIENCE FACULTIES’ POLICY AND GUIDELINES**

Members of the Board of Studies had before them a proposal from Dr Jane Emberson for changes to be made to the Science Faculties’ policies and guidelines section of the UWA Handbook as outlined in Attachment A of the Board of Studies agenda. Dr Emberson provided an addendum to the attachment which was tabled at the Board of Studies meeting. The addendum contained some minor revisions which had resulted from discussions by the Teaching & Learning Committee in the Faculties of Life and Physical Sciences and Natural and Agricultural Sciences. Dr Emberson stated that there were a number of informal policies currently in place in the Science Faculties which had been agreed to by the joint Board of Studies but had never been formalised in the Handbook. She felt that it would be good to have the policies clearly spelt out in the UWA Handbook for students to use as a guide. The Teaching & Learning Committee of both Faculties were happy with the proposed changes.

RESOLVED – 39
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**

Members of the Board of Studies had before them a proposal from Dr Jane Emberson for changes to Science Faculties’ Rules.

Dr Jane Emberson stated that the Science Faculties had always applied time limits to credit derived from a prior diploma course as well as prior degree courses, so the word ‘degree’ appeared limiting and suggested it should be deleted. She also proposed that Rule 9.2.4.3(1)(a) under course structure, be amended to spell out that the three science majors must be in three different areas.

In relation to foundation packages, there had been some suggestion of changing them because some now required only 24 points and others required 30-36 points. Dr Emberson felt that this was not necessary given that the rule about three science majors in the foundation packages already applied. However, if this was warranted, she outlined the changes to be made in the Mathematics & Computer Science Foundation Package and Life Sciences (Human & Behavioural) Foundation Package in the Agenda which were agreed to by members at the meeting.

RESOLVED – 40
to recommend 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.

4. PROPOSED CHANGE OF UNIT NAMES FOR ANHB8404 INVESTIGATIVE TECHNIQUES: DATA ACQUISITION AND ANALYSIS; AND ANHB8405 INVESTIGATIVE TECHNIQUES: EXPERIMENTAL DESIGN AND BIOETICS REF: F5075

The School of Anatomy & Human Biology wished to rename two of its postgraduate units to better fit the understanding and expectations of local and international students. The School advised that there would be no change to the content of the units.

RESOLVED – 41

that the unit name for the following units be changed 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>

5. PROPOSED INTRODUCTION OF GRADUATE CERTIFICATE IN ADULT SLEEP SCIENCE REF:

Members had before them a proposal from the School of Anatomy & Human Biology for the introduction of a Graduate Certificate in Adult Sleep Science. Speaking to the item, Associate Professor Peter Eastwood stated that there was a lack of education programs in sleep science or technology in Australia and particularly in WA. The proposed course would meet that need. The course comprised two units to be delivered online and two intensive practicum units that students would be required to undertake in a hospital environment. Professor Eastwood went on to say that the course would be catered for international students who would be attracted to the practical skill oriented aspect of the course. One member queried whether the School had discussions with the International Centre in regards to offering two of the units online. It was confirmed that the online aspects of the course met ESOS requirements. Overseas students would be required to have a visitor’s visa to do the two practicum units. 75% of the course would be conducted face-to-face and the second year of the course would all be face-to-face.

Some discussion took place regarding the workload for each unit. It was felt that offering a 6-point unit in two weeks was too excessive the amount of material students would be able to absorb in the short time frame was questioned. Professor Eastwood responded that pre-reading was a requirement of the course.
Students would be doing about 40 hours per week for a 6-point unit as well as doing some overnight work. They would be assessed on an ongoing basis via practical exams and multi choice questions to ensure they were going well in the course. One member however, felt that as the course was catered for postgraduate students, they would have the maturity and experience behind them to cope with the intensity of the course.

In response to a query as to why “Adult” was used in the course title, Professor Eastwood stated that it was to distinguish it from the Paediatric Sleep Science course at UWA. He went on to say that there was potential for future collaboration between the two courses.

The School would be proposing a Graduate Diploma and Masters in Adult Sleep Science in 2010.

RESOLVED – 42

to recommend to Academic Council the following from 2009 onwards:

(i) introduction of a Graduate Certificate in Adult Sleep Science and final drafting of the Rules by Legislative Committee; and

(ii) introduction of the following new units:
   - ANHB84XX Fundamentals of Sleep technology
   - ANHB84XX Fundamentals of Sleep Biology
   - ANHB84XX Sleep Technology in Practice
   - ANHB84XX Sleep Biology in Practice

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

Members had before them a proposal from the School of Anatomy & Human Biology to restructure the Graduate Diploma in Science (Biological Arts) and Master of Science (Biological Arts) courses.

Speaking to the item, Ms Ionat Zurr, Artist-in Residence from SymbioticA, stated that the restructure was due to two factors. Firstly, the School wanted to simplify the course rules and articulate the Graduate Diploma properly with the Masters course. The current prescribed list of interdisciplinary elective units was problematic due to the fact that units constantly changed from year to year. It was proposed that students had an open choice from ‘streams’ of units. Secondly, the School wished to enhance the course content by including offerings from international ‘residents’ which would appeal to prospective students and make the courses more widely known internationally.

RESOLVED – 43

to recommend to Academic Council that the following be endorsed, with effect from 2009 onwards:

(i) proposed changes to the Graduate Diploma in Science (Biological Arts) and Master of Science (Biological Arts);

(ii) introduction of 6-point units –
   - ANHB85XX SymbioticA Special Topic
   - ANHB85XX SymbioticA Project Research Unit; and

(iii) suppression of 12-point unit – ANHB8512 Project Unit Research

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

Members had before them a proposal from the School of Anatomy & Human Biology to change 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). Speaking to the item, Associate Professor Neville Bruce stated that the reasons for the proposed changes were, to simplify the course structures, rationalise its unit offerings, articulate each Graduate Diploma course with the appropriate Master’s degree and increase the research component required in all four courses. The proposed changes would reduce administrative time and make the courses more easily understood and attractive to international students.
RESOLVED – 44

to recommend to Academic Council that the following be endorsed, from 2009 onwards:
(i) proposed changes to the Graduate Diploma in Anatomical Sciences, Graduate Diploma in Human Biology and the Master of Science (Anatomy & Human Biology), the latter to be renamed Master of Anatomical Sciences and a concurrent Master of Human Biology;
(ii) introduction of the following new units:
- 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
(iii) deletion of the following units:
- 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)

8. FINAL SUPPLEMENTARY ASSESSMENT AT PSB REF: F5481

Speaking to the item, Dr Jane Emberson stated that the University General Rule provided undergraduate students an opportunity for supplementary assessment if a student failed a unit and it was the only remaining unit that the student must pass in order to complete their course. At PSB Academy, students took only one unit at a time, and would therefore always be enrolled in only one unit in their final teaching period. Under the rule they had only one chance for a final supplementary assessment, whereas Crawley students might 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. Dr Emberson went on to say that the PSB Academic Sub-committee felt that this was unfair for the PSB students and proposed to make a "final supplementary assessment" available in the final 24 points of the course, on the grounds that it would be 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.

RESOLVED – 45

to recommend that "final supplementary assessment" be available in the final 24 points of the course offered at PSB Academy, subject to approval by Academic Council.

9. INCLUSION OF PSB COMMITTEES IN THE FACULTY’S GOVERNANCE AND STRUCTURE REF: F537

Members had before them a proposal for the inclusion of PSB committees in the Faculty’s Governance and Structure. The Faculty’s offshore programmes had now been operating since September 2004, and
although some monitoring committees were in place, they had not to date been formally included in the Faculty's Structure and Governance document. Now that the offshore programmes were well established, it was important to include these committees in the Faculty's Governance and Structure document. The three committees which monitored the Faculty's offshore programmes were, PSB Board of Examiners, the PSB Academic Sub-Committee, and the PSB-FLPS Management Committee.

Professor Geoff Hammond, Associate Dean (Teaching & Learning), welcomed the formal recognition of the PSB committees. However, he suggested that the functions of the PSB Academic Sub-Committee be rolled into the Faculty’s Teaching & Learning Committee as this would recognise the PSB programmes as part of the business of the Faculty. Dr Jane Emberson, commented that all schools who taught at PSB Academy were represented at the Faculty’s Teaching & Learning Committee.

On member queried whether the Teaching & Learning Committee had the expertise in relation to teaching at PSB and whether staff (particularly the co-ordinators of offshore units), would have sufficient input into discussions. Dr Emberson responded that the PSB Management Committee set the programs rather than the PSB Academic Sub-Committee. Another member felt that communication to those who taught the offshore units was not as good as it should have been. Members agreed that as the PSB Academic Sub-Committee was a policy committee, its function could be rolled into the Faculty’s Teaching & Learning Committee. It was noted that the membership of the Teaching & Learning Committee would need to be amended to include the Director of the Faculty’s Offshore programmes and PSB Manager.

In regards to the functions for the PSB Board of Examiners, Professor Hammond suggested that the wording be changed to:

“The PSB Board of Examiners makes all decisions on final examinations …… including establishing equivalent performance standards in units offered offshore and onshore at Crawley. The PSB Board of Examiners would normally meet to approve marks and grades within six weeks of the end of each PSB teaching period.”

Professor Hammond also suggested that the Dean or nominee should chair the Board rather than “the Chair of the Faculty’s Teaching & Learning Committee or a senior academic staff of the Teaching & Learning Committee” as originally proposed in attachment Aa of the Supplementary Agenda.

Members were happy with the above changes proposed by Professor Hammond.

RESOLVED – 46

to recommend to Academic Council that the following be endorsed from 2009 onwards:

(i) inclusion of PSB Committees in the Faculty’s Governance and Structure document;
(ii) membership of the Faculty’s Teaching & Learning Committee be amended to include the Director of the Faculty’s Offshore programmes and PSB Manager;

(Secretary’s Note: Inclusion of a representative from the School of Mathematics and Statistics and a Librarian, in the Teaching & Learning Committee had also been made previously); and
(iii) minor changes to wording in the Governance and Structure document.

10. CANCELLATION OF BACHELOR OF SCIENCE (BIOMEDICAL GENETICS) AT PSB ACADEMY REF:

Members had before them a proposal to cancel the Bachelor of Science (Biomedical Genetics) offered offshore in Singapore. The Chair stated that this was due to consistently low numbers of students entering the programme, which had made it financially unviable. Dr Emberson stated that the Faculty would need to work through the 52 students enrolled in the programme. The cancellation of the programme included cancelling FNSC2210 Introduction to Forensic Science, and GENE3320 Medical Genetics. Unit Coordinators of these units would need to be advised of the cancellation.

Members noted that the cancellation would take effect from the 2008 September intake.

RESOLVED – 47

to recommend to Academic Council that the Bachelor of Science (Biomedical Genetics), be cancelled from September 2008.
11. ADDITION AND DELETION OF UNITS  REF: F5075

The proposed new and deleted unit lists are attached (Attachment A).

12. OTHER BUSINESS

Discounted Fees for Overseas Students from India

The Dean sought members’ input on a key issue for the Faculty namely, offering discounted fees for some postgraduate courses in India. Concerns had been expressed about the long term impact of offering discounted fees and particularly referring to them as ‘scholarships’. Discounted fees were currently only offered for forensic science and infectious diseases.

Comments made:
- Offering discounts to one group of students and not others created an equity issue;
- There was no evidence that discounting fees had led to an increase in applications as the increase may have been due to aggressive marketing;
- Discounting of fees may be in breach of CRICOS regulations;
- Calling discounts ‘scholarships’ devalues legitimate competitive scholarships and may have a negative impact on the brand of UWA; and
- Offering discounts to weaker students who require greater support in their studies was not a commercially sound arrangement.

Confirmed

CHAIR
# FACULTY OF LIFE AND PHYSICAL SCIENCES

**Proposal for new units - Meeting of Faculty Board held on 17 June 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>ANHB84XX</td>
<td>Fundamentals of Sleep Technology</td>
<td>6 points</td>
<td>Provides a theoretical background to the technical aspects of sleep science</td>
<td>Graduate Certificate in Adult Sleep Science</td>
<td>Non std</td>
<td>9.4.11</td>
<td>R42/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Fundamentals of Sleep Biology</td>
<td>6 points</td>
<td>Provides an introduction to the history of sleep, anatomy, physiology and neurobiology of sleep</td>
<td>Graduate Certificate in Adult Sleep Science</td>
<td>Non std</td>
<td>9.4.11</td>
<td>R42/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Sleep Technology in Practice</td>
<td>6 points</td>
<td>Focuses on the practical aspects of performing a lab-based or home-based sleep study</td>
<td>Graduate Certificate in Adult Sleep Science</td>
<td>Non std</td>
<td>9.4.11</td>
<td>R42/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Sleep Biology in Practice</td>
<td>6 points</td>
<td>Focuses on the practical aspects of scoring sleep studies and applying positive airway pressure therapy to patients</td>
<td>Graduate Certificate in Adult Sleep Science</td>
<td>Non std</td>
<td>9.4.11</td>
<td>R42/08</td>
</tr>
<tr>
<td>ANHB85XX</td>
<td>SymbioticA Special Topic</td>
<td>6 points</td>
<td>Research project unit in the field of art and science</td>
<td>GradDipSc (Biological Arts; and MSc (Biological Arts)</td>
<td>Non std</td>
<td>9.5.2B; 9.6.2C</td>
<td>R43/08</td>
</tr>
<tr>
<td>ANHB85XX</td>
<td>SymbioticA Project Research Unit</td>
<td>6 points</td>
<td>Students develop the final proposal and a detailed research plan for the major project and dissertation to be accomplished</td>
<td>MSc (Biological Arts)</td>
<td>9.6.2C</td>
<td></td>
<td>R43/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Concepts and Developments in Anatomical Sciences</td>
<td>12 points</td>
<td>Concepts and developments in gross and microscopic anatomy and cell biology</td>
<td>Graduate Diploma in Anatomical Sciences; Master of Anatomical Sciences</td>
<td>Sem 1, Sem 2</td>
<td>9.5.4; 9.6.X</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Anatomical Sciences Project</td>
<td>24 points</td>
<td>A guided project in the area of anatomical sciences</td>
<td>Graduate Diploma in Anatomical Sciences; Master of Anatomical Sciences</td>
<td>Sem 1, Sem 2</td>
<td>9.5.4; 9.6.X</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Principles and Practice of Anatomical Sciences Part 1</td>
<td>6 points</td>
<td>Principles and practices in gross and microscopic anatomy and cell biology</td>
<td>Master of Anatomical Sciences</td>
<td>Sem 1, Sem 2</td>
<td>9.6.X</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Principles and Practice of Anatomical Sciences Part 2</td>
<td>6 points</td>
<td>Principles and practices in gross and microscopic anatomy and cell biology</td>
<td>Master of Anatomical Sciences</td>
<td>Sem 1, Sem 2</td>
<td>9.6.X</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Anatomical Sciences Dissertation Part 1</td>
<td>18 points</td>
<td>An investigative project in the area of anatomical sciences</td>
<td>Master of Anatomical Sciences</td>
<td>Sem 1 and Sem 2</td>
<td>9.6.X</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Anatomical Sciences Dissertation Part 2</td>
<td>18 points</td>
<td>An investigative project in the area of anatomical sciences</td>
<td>Master of Anatomical Sciences</td>
<td>Sem 1 and Sem 2</td>
<td>9.6.X</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Current Concepts in Human Biology</td>
<td>12 points</td>
<td>Current issues in human biology, their origins and social significance</td>
<td>Graduate Diploma in Human Biology; Master of Human Biology</td>
<td>Sem 1, Sem 2</td>
<td>9.5.7; 9.6.Y</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Human Biology Project</td>
<td>24 points</td>
<td>A guided project in the area of human biology</td>
<td>Graduate Diploma in Human Biology; Master of Human Biology</td>
<td>Sem 1, Sem 2</td>
<td>9.5.7; 9.6.Y</td>
<td>R44/08</td>
</tr>
<tr>
<td>Code</td>
<td>Course Title</td>
<td>Points</td>
<td>Description</td>
<td>Program</td>
<td>Semesters</td>
<td>Code</td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>---------------------------------------</td>
<td>--------</td>
<td>-------------------------------------------------------</td>
<td>------------------</td>
<td>-----------------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Principles and Practice of Human Biology Part 1</td>
<td>6 points</td>
<td>Principles and practices in the area of human biology</td>
<td>Master of Human Biology</td>
<td>Sem 1 and Sem 2</td>
<td>9.6.Y</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Principles and Practice of Human Biology Part 2</td>
<td>6 points</td>
<td>Principles and practices in the area of human biology</td>
<td>Master of Human Biology</td>
<td>Sem 1 and Sem 2</td>
<td>9.6.Y</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Human Biology Dissertation Part 1</td>
<td>18 points</td>
<td>An investigative project in the area of human biology</td>
<td>Master of Human Biology</td>
<td>Sem 1 and Sem 2</td>
<td>9.6.Y</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB84XX</td>
<td>Human Biology Dissertation Part 2</td>
<td>18 points</td>
<td>An investigative project in the area of human biology</td>
<td>Master of Human Biology</td>
<td>Sem 1 and Sem 2</td>
<td>9.6.Y</td>
<td>R44/08</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
# FACULTY OF LIFE AND PHYSICAL SCIENCES

Proposal for deletion of units - Meeting of Faculty Board held on 17 June 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>Faculty Rules to be amended (Specify)</th>
<th>Faculty Resolution Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANHB8416</td>
<td>Human Morphology: Form and Function Part 1</td>
<td>6 points</td>
<td>Examines human structure and function and their relationships at organ and whole body level</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB8417</td>
<td>Human Morphology: Form and Function Part 2</td>
<td>6 points</td>
<td>Examines human structure and function and their relationships at organ and whole body level</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB8418</td>
<td>Cells and Tissues: Form and Function Part 1</td>
<td>6 points</td>
<td>Extends and deepens understanding of biology of cells and tissues</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB8419</td>
<td>Cells and Tissues: Form and Function Part 2</td>
<td>6 points</td>
<td>Extends and deepens understanding of biology of cells and tissues</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB8420</td>
<td>Morphometric Techniques and Analysis Part 1</td>
<td>6 points</td>
<td>Examines theory and practice of state of the art morphometric technology</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB8421</td>
<td>Morphometric Techniques and Analysis Part 2</td>
<td>6 points</td>
<td>Examines theory and practice of state of the art morphometric technology</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB8414</td>
<td>Human Variation and Adaptation Part 1</td>
<td>6 points</td>
<td>Explores various facets of human variation and adaptation</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB8415</td>
<td>Human Variation and Adaptation Part 2</td>
<td>6 points</td>
<td>Explores various facets of human variation and adaptation</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB8422</td>
<td>Human Ecology and Reproduction Part 1</td>
<td>6 points</td>
<td>Explores contemporary issues in human reproduction</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB8423</td>
<td>Human Ecology and Reproduction Part 2</td>
<td>6 points</td>
<td>Explores contemporary issues in human reproduction</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB8424</td>
<td>Human Biology: Field and Laboratory Studies Part 1</td>
<td>6 points</td>
<td>Provides sound theoretical and practical understanding of a range of experimental techniques</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB8425</td>
<td>Human Biology: Field and Laboratory Studies Part 2</td>
<td>6 points</td>
<td>Provides sound theoretical and practical understanding of a range of experimental techniques</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Points</td>
<td>Description</td>
<td>Required Courses</td>
<td>Code</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>------------------------------------</td>
<td>--------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------------------------------------------------------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td>ANHB8426</td>
<td>Research Project Part 1</td>
<td>6</td>
<td>Teaches principles and practice of small research experiments</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB8427</td>
<td>Research Project Part 2</td>
<td>6</td>
<td>Teaches principles and practice of small research experiments</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td>ANHB8428</td>
<td>Anatomy and Human Biology</td>
<td>12</td>
<td>Students learn principles and practice of research by conducting</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td></td>
<td>Dissertation Part 1</td>
<td></td>
<td>experiment by conducting experiment of their own</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANHB8429</td>
<td>Anatomy and Human Biology</td>
<td>12</td>
<td>Students learn principles and practice of research by conducting</td>
<td>GradDip in Human Biology; GradDip in Anatomical Sciences</td>
<td>9.5.4; 9.5.7</td>
<td>R44/08</td>
</tr>
<tr>
<td></td>
<td>Dissertation Part 2</td>
<td></td>
<td>experiment by conducting experiment of their own</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANHB8507</td>
<td>Anatomy and Human Biology</td>
<td>24</td>
<td>Provides preparation for progression to higher degree by research</td>
<td>MSc (Anatomy &amp; Human Biology)</td>
<td>9.6.2A</td>
<td>R44/08</td>
</tr>
<tr>
<td></td>
<td>Dissertation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANHB3308</td>
<td>Developmental Biology</td>
<td>12</td>
<td>Topics cover pattern formation and organ and tissue formation during</td>
<td>BSc</td>
<td>Table 9.2.2a</td>
<td>R38/08</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>embryonal development</td>
<td></td>
<td></td>
<td></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