MEMBERS OF THE FACULTY BOARD OF LIFE AND PHYSICAL SCIENCES

The following items are circulated for members’ consideration, with recommendations from the Chair. If you do not agree with any of the recommendations or would prefer that an item/s be referred to the next meeting for discussion, please advise me by no later than Thursday, 24 July 2008.

If no comments/suggestions/objections are received by that date, the items will be processed in the normal way and the recommendations will be recorded as a resolution of the Board in the next set of minutes.

Imelda Ooi
Administrative Officer

ITEMS FOR CONSIDERATION BY CIRCULAR

1. ITEMS FROM THE BOARD OF STUDIES CIRCULAR DATED 9 JULY 2008

   A copy of the minutes of the Board of Studies circular dated 9 July 2008 is attached (Attachment A). As no major concerns were raised, the Chair recommends the following:

   a. PROPOSED CHANGES TO UNIT OFFERINGS IN THE CHEMISTRY DISCIPLINE
      REF: F5075

      that the proposed changes to the unit offerings in the Chemistry Discipline be endorsed.

   b. PROPOSED NEW UNIT – PHYS33XX PHYSICS VACATION PROJECT
      REF: F5075

      that the proposed new unit, PHYS33XX Physics Vacation Project, be endorsed.

   c. PROPOSED CHANGE OF UNIT NAMES FOR HMES3377 AND HMES3356
      REF: F5075

      (i) the change in unit name of HMES3377 Management and Marketing in Sport, Health and Recreation of Exercise Science to ‘Sport, Health and Recreation Management’ and HMES3356 Neuromuscular Biomechanics to ‘Neuromuscular Biomechanics and Motor Control’ be endorsed; and

      (ii) HMES3303, HMES3346 AND HMES3387 be listed as not available in 2009.

   d. SUPPRESSION OF UNITS SCIE1121 OUR UNIVERSE, AND SCIE1122 OUR SOLAR SYSTEM
      REF: F5075

      that SCIE1121 Our Universe and SCIE1122 Our Solar System, be listed as not available in 2009.
e. PROPOSED CHANGE OF UNIT NAMES FOR CHEM8801 AND CHEM8802 REF:

that the change in unit name of CHEM8801 Analytical Chemistry I: Molecular Analysis to 'Analytical Chemistry for Molecular Analysis' and CHEM8802 Analytical Chemistry II: Elemental Analysis to 'Analytical Chemistry for Elemental Analysis', be endorsed.

f. PROPOSED AMENDMENT TO BIOPHYSICS HONOURS REF: F4788

The School of Physics has reviewed the Rules for the Biophysics honours in light of current student enrolments. The School is proposing to amend the structure in order to bring it in line with that of other structures currently in place in other schools in the Faculty, that is, to put more weight on the honours research project. The amendments are as follows:

(i) changing the points value of the dissertation unit from 24 points to a new 36-point Biophysics Honours Research Project; and
(ii) the remaining coursework units to the value of 12 points chosen from three recommended units and other units, in consultation with the Honours Co-ordinator.

that the changes to the Rules for Biophysics Honours be endorsed.

2. PROPOSED ESTABLISHMENT OF THE RONALD AND IRENE SEARCH PRIZE IN MATH1010 CALCULUS AND LINEAR ALGEBRA, AND THE RONALD AND IRENE SEARCH PRIZE IN MATH1020 CALCULUS, STATISTICS AND PROBABILITY REF:

The School of Mathematics and Statistics has proposed the establishment of the Ronald and Irene Searcy Prize in MATH1010 Calculus and Linear Algebra and the Ronald and Irene Searcy Prize in MATH1020 Calculus, Statistics and Probability. These prizes were provided by Ms Jennifer Searcy in honour of her late parents, Ronald and Irene Searcy.

The Ronald and Irene Searcy Prize in MATH1010 Calculus and Linear Algebra will be awarded to the student who is enrolled in the Bachelor of Science (50110) or combined Bachelor of Science degree who has achieved the highest mark in MATH1010 Calculus and Linear Algebra.

The Ronald and Irene Searcy Prize in Math1020 Calculus, Statistics and Probability will be awarded to the student who is enrolled in the Bachelor of Science (50110) or combined Bachelor of Science degree who has achieved the highest mark in Math1020 Calculus, Statistics and Probability.

Draft conditions of both prizes are attached (Attachment B).

The Chair recommends that the establishment of the Ronald and Irene Searcy Prize in MATH1010 Calculus and Linear Algebra, and the Ronald and Irene Searcy Prize in Math1020 Calculus, Statistics and Probability be endorsed.

3. PROPOSED AMENDMENT TO UNIT TITLES FOR FNSC8562 AND FNSC8512 REF:

The Centre for Forensic Science proposes that the unit titles of the following units be amended in order to make the titles of both units consistent within the framework of the Centre's programme:

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Current name</th>
<th>Proposed name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNSC8562</td>
<td>Forensic Anthropology</td>
<td>Forensic Anthropology I – Introductory Theory and Method</td>
</tr>
<tr>
<td>FNSC8512</td>
<td>Forensic Archaeology I – Basic Theory and Method</td>
<td>Forensic Archaeology I – Introductory Theory and Method</td>
</tr>
</tbody>
</table>

The Chair recommends that the change in unit titles for FNSC8562 Forensic Anthropology to 'Forensic Anthropology I – Introductory Theory and Method', and FNSC8512 Forensic Archaeology I – Basic Theory and Method to 'Forensic Archaeology I – Introductory Theory and Method', be endorsed.
4. PROPOSAL FOR NEW COURSES AMENDED FORMS FOR MASTER OF ANATOMICAL SCIENCES AND MASTER OF HUMAN BIOLOGY REF:

The proposed changes to the Master of Science (Anatomy & Human Biology) were approved at the last Faculty Board meeting on 17 June 2008. Since the meeting, Sylvia Lang, the Acting Academic Secretary has advised that the changes to the masters course involved the introduction of two new courses, namely, Master of Anatomical Sciences and Master of Human Biology and therefore, had to be incorporated onto the proposal for new courses checklists rather than checklists for major changes to courses.

The new course proposal forms for the Master of Anatomical Sciences and Master of Human Biology are attached (Attachment C) for noting.

5. PROPOSAL TO CHANGE MASTER OF PHARMACY (51500) AND GRADUATE DIPLOMA IN PHARMACEUTICAL SCIENCE (51310). REF:

The Director of the Pharmacy Programmes would like the Faculty to approve the substitution of PUBH8763 Leadership and Management of Health Services for PUBH8749 Foundations of Public Health from semester 1, 2009 in both the Masters and Grad Dip programmes. This is due to a recent decision by Population Health to shift their Foundations unit to semester 2 and this cannot fit into these pharmacy programmes. Following discussion by pharmacy staff, it was felt that substituting Leadership and Management of Health Services was a very positive outcome and fit perfectly with the mission and ethos of the programme.

that the proposed change be endorsed.
NOTING OF DECISIONS TAKEN BY CIRCULATION TO BOARD OF STUDIES IN SCIENCE DATED 9 JULY 2008

The following items were circulated to Board of Studies members for consideration and approval on 9 July 2008. Members were requested to advise the Administrative Officer if they had any objections to the circulated items being approved. As there were no objections from members, the items are hereby minuted accordingly.

Imelda Ooi
Administrative Officer

1. PROPOSED CHANGES TO UNIT OFFERINGS IN THE CHEMISTRY DISCIPLINE  REF: F5075

The School of Biomedical, Biomolecular and Chemical Sciences, had submitted a proposal to reduce its Level 3 unit offerings in Chemistry. Currently, the Discipline offered ten 6-point units at 3rd year level. The units support majors in chemistry, chemical physics and environmental chemistry. Whilst seven of the units were required for various programmes, CHEM3301, CHEM3306 and CHEM3308 were not essential for programmes but were considered essential preparation for students wishing to pursue research in honours and higher degrees at UWA. In order to ease serious, staff workload issues within the Discipline, the School proposed that some Level 3 units be offered every second year. Eight Level 3 units will be offered each year, with CHEM3301 and CHEM3306 to be offered in even years and CHEM3305 and CHEM3307 to be offered in odd years. As a phasing-in year for 2009, CHEM3301, CHEM3305, and CHEM3307 will be offered but CHEM3306 and CHEM3311 will not be offered.

RESOLVED – 29

to recommend that the proposed changes to the unit offerings in the Chemistry Discipline be endorsed.

2. PROPOSED NEW UNIT – PHYS33XX PHYSICS VACATION PROJECT  REF: F5075

The School of Physics had proposed a new unit, PHYS33XX Physics Vacation Project, which was a research project taken during the summer vacation. The School had been offering vacation research projects for over 15 years and students had now requested that they receive credit for these projects. The unit had been available to third year students intending to proceed to honours in Physics.

RESOLVED – 30

to recommend that the proposed new unit, PHYS33XX Physics Vacation Project, be endorsed.

3. PROPOSED CHANGE OF UNIT NAMES FOR HMES3377 AND HMES3356  REF: F5075

Based on the recommendation of the Dean, the School of Sport Science, Exercise and Health had decided to combine some of its units and making other units available at graduate level. It was proposed that the names of the following units be changed for 2009:

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Current name</th>
<th>Proposed name</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMES3377</td>
<td>Management and Marketing in Sport, Health and Recreation of Exercise Science</td>
<td>Sport, Health and Recreation Management</td>
</tr>
<tr>
<td>HMES3356</td>
<td>Neuromuscular Biomechanics</td>
<td>Neuromuscular Biomechanics and Motor Control</td>
</tr>
</tbody>
</table>

The School had also proposed in the covering letter that the following units be listed as not available in 2009 as they would be converted to graduate units in 2010:

HMES3303 Sport/Recreation and Health Management
HMES3346 Skill Acquisition and Performance in Sport
HMES3387 Human Performance in Industry
RESOLVED – 31

to recommend that the following be endorsed:

(i) to change unit names of HMES3377 Management and Marketing in Sport, Health and Recreation of Exercise Science to ‘Sport, Health and Recreation Management’ and HMES3356 Neuromuscular Biomechanics to ‘Neuromuscular Biomechanics and Motor Control’; and

(ii) to list HMES3303, HMES3346 AND HMES3387 as not available in 2009.

4. SUPPRESSION OF UNITS SCIE1121 OUR UNIVERSE, AND SCIE1122 OUR SOLAR SYSTEM

REF: F5075

The Head of the School of Physics had advised that the recent review of the School of Physics had recommended that the School cut back on its undergraduate units with low enrolments. The School had advised that enrolments in SCIE1121 Our Universe and SCIE1122 Our Solar System, had fluctuated in the range of 15-20 students since their inception. The School felt that the units were consuming a valuable resource namely staff time, which could be used more profitably for research and postgraduate supervision. The School however, did not wish to delete these two units pending the outcome of UWA Course Structures Review as it felt that the units would be ideal for students in Arts, and had requested that the units be listed as not available in 2009.

RESOLVED – 32

to recommend that SCIE1121 Our Universe and SCIE1122 Our Solar System, be listed as not available in 2009.

5. PROPOSED CHANGE OF UNIT NAMES FOR CHEM8801 AND CHEM8802 REF:

The School of Biomedical, Biomolecular and Chemical Sciences wished to change the unit name of the following units offered in the Master of Science (Analytical Chemistry) as the current names implied that they were two parts of the same unit when in fact they were two separate units.

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Current name</th>
<th>Proposed name</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM8801</td>
<td>Analytical Chemistry I: Molecular Analysis</td>
<td>Analytical Chemistry for Molecular Analysis</td>
</tr>
<tr>
<td>CHEM8802</td>
<td>Analytical Chemistry II: Elemental Analysis</td>
<td>Analytical Chemistry for Elemental Analysis</td>
</tr>
</tbody>
</table>

RESOLVED – 33

to recommend that the change in unit name of CHEM8801 Analytical Chemistry I: Molecular Analysis to ‘Analytical Chemistry for Molecular Analysis’ and CHEM8802 Analytical Chemistry II: Elemental Analysis to ‘Analytical Chemistry for Elemental Analysis’, be endorsed.

6. PROPOSED AMENDMENT TO BIOPHYSICS HONOURS REF: F4788

The School of Physics had reviewed the Rules for the Biophysics honours in light of current student enrolments. The School had proposed to amend the structure in order to bring it in line with other honours structures currently in place in other schools in the Faculty, that is, to put more weight on the honours research project. The amendments were as follows:

(i) changing the points value of the dissertation unit from 24 points to a new 36-point Biophysics Honours Research Project; and

(ii) the remaining coursework units to the value of 12 points chosen from three recommended units and other units, in consultation with the Honours Co-ordinator.

RESOLVED – 34

to recommend that the changes to the Rules for Biophysics Honours and change in value of the Dissertation Unit be endorsed.
FACULTY OF LIFE AND PHYSICAL SCIENCES

Note: These conditions are subject to final drafting and approval by University Committees

RONALD AND IRENE SEARCY PRIZE IN CALCULUS AND LINEAR ALGEBRA

The Ronald and Irene Searcy Prize in Calculus and Linear Algebra is one of two prizes* in mathematics provided by Jennifer Searcy in honour of her late parents, Ronald and Irene Searcy. Each prize consists of the annual income after capitalisation in accordance with Senate policy on $5000, being half of the total sum of $10,000 donated for both prizes by Ms Jennifer Searcy.

The Ronald and Irene Searcy Prize in Calculus and Linear Algebra prize is awarded annually by the Board of Examiners in the Faculty of Life and Physical Sciences to the student in the Bachelor of Science (50110) course or the Bachelor of Science component of a combined course with the highest mark for MATH1010 Calculus and Linear Algebra.

*The other prize is the Ronald and Irene Searcy Prize in Calculus, Statistics and Probability.
The University of Western Australia

FACULTY OF LIFE AND PHYSICAL SCIENCES

Note: These conditions are subject to final drafting and approval by University Committees

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The Ronald and Irene Searcy Prize in Calculus, Statistics and Probability is awarded annually by the Board of Examiners in the Faculty of Life and Physical Sciences to the student in the Bachelor of Science (50110) course or the Bachelor of Science component of a combined course with the highest mark for MATH1020 Calculus, Statistics and Probability.

*The other prize is the Ronald and Irene Searcy Prize in Calculus and Linear Algebra.
PROPOSALS FOR NEW COURSES OR PROGRAMMES

New courses are new degree, diploma or certificate courses, including new honours degree courses. New programmes are new programmes within existing degrees, which are to be formally recognised through the use of a differentiated version of the existing course title e.g. BSc(Marine Science). For a new combined course leading to two degrees, use the form “Proposals for a new combined course leading to two degrees” at: http://www.secretariat.uwa.edu.au/home/policies/courseunit/proposals.

For transnational programmes, it is essential that the Checklist for Approval of Transnational Programmes is also completed - see http://www.secretariat.uwa.edu.au/home/policies/international

CORE QUESTIONS FOR CHECKLISTS USED BY FACULTIES

All faculties should use the questions below in their checklists for proposals for new courses and new programmes in existing courses. Faculties may add other questions as they see fit.

1. Course Details

(1) Please provide the following information:

(a) the proposed name of the course or programme:
   Master of Anatomical Sciences

(b) the proposed abbreviated form of the course or programme name (see http://www.secretariat.uwa.edu.au/home/policies/degree_abbrev for policy on Degree Abbreviations):
   MANatSc

(c) the proposed annual intake to the course or programme (in student numbers); 3 - 6 students each year

(d) the proposed colour(s) of the silk linings and facings of the academic dress (for publishing in University General Rule 1.5.2.1);

(e) for Masters degrees and Doctorates only, state whether the course will be undertaken by way of:
   (i) Research (by thesis) where the research represents 100% of the course requirements No
   (ii) Research (by thesis and creative work) where the assessment is based on a thesis and a creative and/or performance component No
   (iii) Research by creative work where the assessment is based on the creative work and/or performance
   (iv) Thesis and Coursework where the research component represents 66.6% or more of the degree requirements No
   (v) Coursework and Dissertation where the research component represents less than 66.6% of the degree requirements Yes
   (vi) Coursework where coursework is 100% of the degree requirements. No

Note: To be classified as a research unit, the unit must represent a largely self-directed attempt to produce new knowledge.

(f) entry requirements;
   The Faculty of Life and Physical Sciences may accept into the course for the Master of Anatomical Sciences an applicant who has a bachelor's degree in a relevant subject area from this University, or equivalent as recognised by the Faculty

(g) total number of points required for completion; 96

(h) expected completion time for full-time student taking standard load; 2 years

(i) delivery mode (i.e. Internal, external, multi-mode, online-only).
   Internal
   (ii) are any units taught by any kind of non face-to-face instruction? No

   (Note: Where a course is delivered less than 75% face-to-face (i.e. more than 25% by distance learning or similar), there may be implications for international student visas. Please contact the International Centre for more information.)

(j) is any part of the course taught away from the Crawley campus? No

(k) is any part of the course delivered by or taught in collaboration with another organisation? No
   If yes, please state the name and address of the other organisation.

(l) is honours available in this course? If yes, please explain how students undertake honours study.
   is study towards honours open to international students? No
Please give a succinct summary of the academic objectives of the proposed new course/programme. This masters degree course makes available advanced training in the subject area of anatomical sciences. As far as practicable, each student's background, interests and planned future career are used to fine tune the course content. Students will upgrade their knowledge and develop investigative skills by participating in projects in different areas in anatomical sciences, critical reviews of literature, collection of material (field, experimental or literature) and the processing, analysis and evaluation of data.

Please summarise what teaching and learning practices will be used to realise the academic objectives.

The student may monitor parts or all of appropriate undergraduate units in anatomical sciences and cell biology. Additional material including assignments, literature reviews and laboratory work may be included. Students will also be exposed to the various experimental approaches to anatomical sciences conducted in the School. Students learn about the principles and practice of anatomical sciences by conducting a guided investigation of their own. They search for and interpret literature, design a project that may involve constructing experimental hypotheses or objectives, develop and understand appropriate methodologies, plan and execute experiments, analyse and interpret findings and prepare a scientific report based on their work.

Please advise what technologies (if any) will be required to support the teaching and learning practices.

Standard technologies, as used in teaching and research of Anatomical Sciences within the School of Anatomy and Human Biology.

Please outline what steps have been taken to ensure that any technologies to be used are readily available to staff and students.

See (4) above

Please indicate whether the proposal is the outcome of a school, course or other review.

Following an internal review we have resolved to rationalise our course and unit offerings.

We propose to
- make the course information and structure more readily understood by both local and international prospective students
- better articulate the Graduate Diploma Course with the Master of Anatomical Sciences to provide both entry and exit points, as it is difficult to properly assess international students' abilities and needs until they actually arrive.
- International Students particularly are often required to enrol in a Master's Course and will be able to do so without needing to complete the Graduate Diploma first
- Students will now be able to exit after one year in the Masters Course with a Graduate Diploma.

Does this course complement any major research activities and/or centres? Yes No

Student projects at level 1 will be devised in consultation with academics researching in the field to expand or complement current research undertaken in the School.

Student dissertations at level 2 may be broader in scope, but will still expand or complement current research taken in the school or in collaboration with other relevant researchers.

2. Demand

Notes: (i) The Chair of the Admissions Committee and the Manager, Admissions Centre are available to offer advice on estimating student numbers. (Please note that decisions on any quotas applicable to this course will be made by the Working Party on the Admission and Quota Policy.)

(ii) For new undergraduate courses to be listed in the TISC Guide, they need to be approved by Academic Council by May at the latest. Please advise the Executive Officer, Admissions Committee, as early as possible, of proposed new undergraduate courses.

1. Estimate the annual number of sufficiently qualified applications expected for this course. Please state the number of Australian and international student admissions separately.

Domestic 1 or 2 / year, International 2 – 4 / year

2. What is the expected impact on applications for admission to other courses? Please provide separate figures for Australian and international students.

Nil. These students will come from the current Master of Science (Anatomy & Human Biology) 51610, 51550 & 51530, that will be suppressed

3. Employment Outcomes
What do you believe will be the principal employment destinations for graduates and on what basis have you estimated this?

There are a number of possible employment outcomes with the teaching of human anatomy, at a variety of levels and contexts, being the main one, both locally and internationally.

4. Consultation

(1) Please provide details of consultations you have had with various groups and individuals during the development of this proposal, including the following:

(a) other schools of the University which may have an interest in the course, including relevant academic staff; No
(b) students and graduates; No
(c) employers and/ or employer groups, and professional bodies; No
(d) other universities in WA which offer courses in similar fields; N/A
(e) leading universities in Australia and overseas which offer courses in similar fields; N/A

(2) If you are proposing a completely new course, have you given consideration to the alternative of introducing a new programme/major within an existing course? Please elaborate. The current course is already a program with 3 forms. It is very confusing to prospective students and administrators alike.

We wish to introduce a dedicated 96 point Masters course that articulates with our Graduate Diploma to replace the more general current courses. It is a change in name, and a simplification of the current structure, with a reduction of the number of units offered.

There is no new material.

(3) If the proposal is similar to offerings in other institutions in WA, have you considered whether there is scope for a co-operative/collaborative approach? Please elaborate. N/A

5. Fees

Note: Courses must not be offered or advertised in any way to international students until the courses have been registered through the International Centre with CRICOS. (This does not occur until the introduction of the course has been approved by Senate.) Please ensure that you consult with the Director, International Centre about the suitability of a course for international students, proposed fees and any conditions that may be required.

(1) (a) Is the course to be registered on CRICOS as available to international fee-paying students on Student Visas?
   YES / NO   Yes

   Is the course to be offered to international fee-paying students on other visas?
   YES / NO   Yes

   (b) What fee per annum is proposed for international fee-paying students? The same as the current courses 51610, 51550 & 51530

(2) For Postgraduate coursework degrees/diplomas/certificates only

(a) Is the course to be registered with DEEWR as available on a fee-paying basis to local students?
   YES / NO   Yes

(b) If so, what fee is proposed? Please state: fee per annum, the total number of points and the fee per point.
   The same as the current courses 51610, 51550 & 51530

(c) Please comment on consultations you have had with other institutions, both national and local, in determining that fee. Nil

6. Explanation of how the proposed course fits with the University’s and the Faculty’s Strategic and Operational Priorities Plans

An explanation as to how the proposed course fits with the University’s and the Faculty’s Strategic and Operational Priorities Plans must be attached to this checklist. The maximum length of the explanation is one A4 page.

The proposed changes will address:
UWA OPP priority 9.1 Teaching & Learning by simplifying the course structure, articulating it with a Masters course and rationalising the unit offerings, the course will appeal to more International prospective students, and the course progression will be more focussed. Students should have a clearer idea of what is expected as they start the
course, and be more satisfied that their expectations were met, at the end. The more specific course name will address student concerns and clarify the course articulation.

UWA OPP priority 9.2 Research and Research Training by including in the coursework up to date information in the field from current research, including that conducted in WA. The research component of the course has also been markedly increased to 62.5% where previously it was variable at either 37.5% or 50%

UWA OPP priority 9.6 Management by simplifying the course structure the course administration required is also simplified

and Life & Physical Sciences OPP Identify and develop coursework Master’s programs by implementing changes to this course;

7. Information Flow

(1) Please confirm by ticking the boxes and entering the date of action, that you have forwarded a copy of this proposal, either in hard copy, or electronically, to:

External to the Faculty

- The Deans of all faculties which resource schools responsible for teaching units in the course/programme. N/A

- The Head and relevant academic staff of any school which will be teaching in the course/programme. N/A

- The Head and relevant academic staff of any school which is not involved in the course/programme, but which teaches in a cognate area. N/A

- The Librarian

- Where the course proposed involves indigenous issues, the Dean of the School of Indigenous Studies

- Where the course proposed is postgraduate and includes 66.6% or more research, the Pro Vice-Chancellor (Research and Research Training)

- Executive Officer, Admissions Committee (for new undergraduate courses only)

- Where the course proposed is to be available to international students, the Director, International Centre

Date 11/6/08

Date N/A

Date N/A

Date N/A

Date 13/6/08

Internal to the Faculty

- The Head and relevant academic staff of any school which will be teaching in the course/programme: N/A

- The Head and relevant academic staff of any school which is not involved in the course/programme, but which teaches in a cognate area.

School of Biomedical, Biochemical and Chemical Sciences

School of Psychology

Centre for Forensic Science

School of Sport Science, Exercise & Health

Date 11/6/08

Date 11/6/08

Date 11/6/08

Date 11/6/08

(2) Please confirm, by ticking the box, that you have completed a Faculty Checklist for each new unit introduced as a result of this proposal. X
(3) Please confirm, by ticking the box, that the proposed course rules are attached. X

(4) Please confirm, by ticking the box, that you have sent a course overview to Publications. 

(5) Please confirm, by ticking the box, that you have consulted with Student Administration about the degree abbreviation. 

Signature of Dean

Faculty of Life & Physical Sciences

8. All courses – confirmation by Dean

I confirm that the process leading to the proposal for the introduction of the following course/programme

Name of course/programme Master of Anatomical Sciences

has included appropriate consultation with all other faculties with a potential interest in the proposed course and that the course will not overlap significantly with any existing course.

Have any objections to this proposal been raised during the consultation process? Yes ☐ No X

(If yes, please attach details of objection and response)

Signature of Dean

Faculty of

9. Confirmation by Dean of the School of Indigenous Studies

Where the course proposed involves indigenous issues, the Dean of the School of Indigenous Studies must confirm the school’s support.

I confirm that the indigenous issues involved in the proposal for the following course/programme:

Name of course/programme

have been discussed with me and I confirm the support of the School of Indigenous Studies for the introduction of this course/programme.

Signature of Dean of the School of Indigenous Studies

10. Certification that the proposal is acceptable to the International Centre

Where it is proposed to offer the course to international or offshore students, the Director, International Centre (or delegate) must confirm the proposal is acceptable to the International Centre.

I confirm that the International Centre has been consulted on the introduction of this course/programme, and is satisfied that the fee proposed to be charged to international/offshore students is appropriate.

Name of course/programme Master of Anatomical Sciences

Signature of Director, International Centre (or delegate)
PROPOSALS FOR NEW COURSES OR PROGRAMMES

New courses are new degree, diploma or certificate courses, including new honours degree courses. New programmes are new programmes within existing degrees, which are to be formally recognised through the use of a differentiated version of the existing course title e.g. BSc(Marine Science). For a new combined course leading to two degrees, use the form “Proposals for a new combined course leading to two degrees” at: http://www.secretariat.uwa.edu.au/home/policies/courseunit/proposals.

For transnational programmes, it is essential that the Checklist for Approval of Transnational Programmes is also completed - see http://www.secretariat.uwa.edu.au/home/policies/internatl

CORE QUESTIONS FOR CHECKLISTS USED BY FACULTIES

All faculties should use the questions below in their checklists for proposals for new courses and new programmes in existing courses. Faculties may add other questions as they see fit.

1. **Course Details**

   (1) Please provide the following information:

   (a) the proposed name of the course or programme:

   Master of Human Biology

   (b) the proposed abbreviated form of the course or programme name (see http://www.secretariat.uwa.edu.au/home/policies/degree_abrev for policy on Degree Abbreviations):

   M Hum Biol

   (c) the proposed annual intake to the course or programme (in student numbers); 3 – 6 students each year

   (d) the proposed colour(s) of the silk linings and facings of the academic dress (for publishing in University General Rule 1.5.2.1);

   (e) **for Masters degrees and Doctorates only**, state whether the course will be undertaken by way of:

   (i) Research (by thesis) where the research represents 100% of the course requirements **No**

   (ii) Research (by thesis and creative work) where the assessment is based on a thesis and a creative and/or performance component **No**

   (iii) Research by creative work where the assessment is based on the creative work and/or performance

   (iv) Thesis and Coursework where the research component represents 66.6% or more of the degree requirements **No**

   (v) Coursework and Dissertation where the research component represents less than 66.6% of the degree requirements **Yes**

   (vi) Coursework where coursework is 100% of the degree requirements. **No**

   **Note:** To be classified as a research unit, the unit must represent a largely self-directed attempt to produce new knowledge.

   (f) entry requirements;

   **The Faculty of Life and Physical Sciences may accept into the course for the Master of Human Biology an applicant who has a bachelor's degree in a relevant subject area from this University, or equivalent as recognised by the Faculty**

   (g) total number of points required for completion;

   96

   (h) expected completion time for full-time student taking standard load;

   2 years

   (i) **delivery mode** (i.e. internal, external, multi-mode, online-only).

   **Internal**

   (ii) are any units taught by any kind of non face-to-face instruction? **No**

   **(Note: Where a course is delivered less than 75% face-to-face (ie more than 25% by distance learning or similar), there may be implications for international student visas. Please contact the International Centre for more information.)**

   (j) is any part of the course taught away from the Crawley campus? **No**

   (k) is any part of the course delivered by or taught in collaboration with another organisation? **No**

   If yes, please state the name and address of the other organisation.

   (l) is honours available in this course? If yes, please explain how students undertake honours study. Is study towards honours open to international students? **No**
Please give a succinct summary of the academic objectives of the proposed new course/programme. This masters degree course makes available advanced training in the subject area of human biology. As far as practicable, each student’s background, interests and planned future career are used to fine tune the course content. Students will upgrade their knowledge and develop investigative skills by participating in projects in different areas in human biology, critical reviews of literature, collection of material (field, experimental or literature) and the processing, analysis and evaluation of data.

Please summarise what teaching and learning practices will be used to realise the academic objectives.

The student may monitor parts or all of appropriate undergraduate units in human biology. Additional material including assignments, literature reviews and laboratory work may be included. Students will also be exposed to various experimental approaches to human biology conducted in the School. Students learn about the principles and practice of human biology by conducting a guided investigation of their own. They search for and interpret literature, design a project that may involve constructing experimental hypotheses or objectives, develop and understand appropriate methodologies, plan and execute experiments, analyse and interpret findings and prepare a scientific report based on their work.

Please advise what technologies (if any) will be required to support the teaching and learning practices.

Standard technologies, as used in teaching and research of Human Biology within the School of Anatomy and Human Biology.

Please outline what steps have been taken to ensure that any technologies to be used are readily available to staff and students.

See (4) above

Please indicate whether the proposal is the outcome of a school, course or other review.

Following an internal review we have resolved to rationalise our course and unit offerings.

We propose to

- make the course information and structure more readily understood by both local and international prospective students
- better articulate the Graduate Diploma Course with the Master of Human Biology to provide both entry and exit points, as it is difficult to properly assess international students’ abilities and needs until they actually arrive.
- International Students, particularly, are often required to enrol in a Masters Course and will be able to do so without needing to complete the Graduate Diploma first
- Students will now be able to exit after one year in the Masters Course with a Graduate Diploma.

Does this course complement any major research activities and/or centres? Yes No

Student projects at level 1 will be devised in consultation with academics researching in the field to expand or complement current research undertaken in the School.

Student dissertations at level 2 may be broader in scope, but will still expand or complement current research taken in the school or in collaboration with other relevant researchers.

2. Demand

Notes: (i) The Chair of the Admissions Committee and the Manager, Admissions Centre are available to offer advice on estimating student numbers. (Please note that decisions on any quotas applicable to this course will be made by the Working Party on the Admission and Quota Policy.)

(ii) For new undergraduate courses to be listed in the TISC Guide, they need to be approved by Academic Council by May at the latest. Please advise the Executive Officer, Admissions Committee, as early as possible, of proposed new undergraduate courses.

Estimate the annual number of sufficiently qualified applications expected for this course. Please state the number of Australian and international student admissions separately.

Domestic 1 / year, International 1 – 3 / year

What is the expected impact on applications for admission to other courses? Please provide separate figures for Australian and international students.

Nil. These students will come from the current Master of Science (Anatomy & Human Biology) 51610, 51550 & 51530, that will be suppressed

3. Employment Outcomes
What do you believe will be the principal employment destinations for graduates and on what basis have you estimated this?

There are a number of possible employment opportunities both local and international. Outcomes include the teaching of human biology at a variety of levels and contexts, laboratory work, and administrative work requiring a biological background.

4. Consultation

(1) Please provide details of consultations you have had with various groups and individuals during the development of this proposal, including the following:

(a) other schools of the University which may have an interest in the course, including relevant academic staff; No
(b) students and graduates; No
(c) employers and/or employer groups, and professional bodies; No
(d) other universities in WA which offer courses in similar fields; N/A
(e) leading universities in Australia and overseas which offer courses in similar fields; N/A

(2) If you are proposing a completely new course, have you given consideration to the alternative of introducing a new programme/major within an existing course? Please elaborate. The current course is already a program with 3 forms. It is very confusing to prospective students and administrators alike.

We wish to introduce a dedicated 96 point Masters course that articulates with our Graduate Diploma to replace the more general current courses. It is a change in name, and a simplification of the current structure, with a reduction of the number of units offered.

There is no new material.

(3) If the proposal is similar to offerings in other institutions in WA, have you considered whether there is scope for a co-operative/collaborative approach? Please elaborate. N/A

5. Fees

Note: Courses must not be offered or advertised in any way to international students until the courses have been registered through the International Centre with CRICOS. (This does not occur until the introduction of the course has been approved by Senate.) Please ensure that you consult with the Director, International Centre about the suitability of a course for international students, proposed fees and any conditions that may be required.

(1) (a) Is the course to be registered on CRICOS as available to international fee-paying students on Student Visas?

YES / NO  Yes

Is the course to be offered to international fee-paying students on other visas?

YES / NO  Yes

(b) What fee per annum is proposed for international fee-paying students? The same as the current courses 51610, 51550 & 51530

(2) For Postgraduate coursework degrees/diplomas/certificates only

(a) Is the course to be registered with DEEWR as available on a fee-paying basis to local students?

YES / NO  Yes

(b) If so, what fee is proposed? Please state: fee per annum, the total number of points and the fee per point.

The same as the current courses 51610, 51550 & 51530

(c) Please comment on consultations you have had with other institutions, both national and local, in determining that fee. Nil

6. Explanation of how the proposed course fits with the University’s and the Faculty’s Strategic and Operational Priorities Plans

An explanation as to how the proposed course fits with the University’s and the Faculty’s Strategic and Operational Priorities Plans must be attached to this checklist. The maximum length of the explanation is one A4 page.

The proposed changes will address:

UWA OPP priority 9.1 Teaching & Learning by simplifying the course structure, articulating it with a Masters course and rationalising the unit offerings, the course will appeal to more International prospective students, and the course progression will be more focussed. Students should have a clearer idea of what is expected as they start the
course, and be more satisfied that their expectations were met, at the end. The more specific course name will address student concerns and clarify the course articulation.

UWA OPP priority 9.2 Research and Research Training by including in the coursework up to date information in the field from current research, including that conducted in WA. The research component of the course has also been markedly increased to 62.5% where previously it was variable at either 37.5% or 50%

UWA OPP priority 9.6 Management by simplifying the course structure the course administration required is also simplified

and Life & Physical Sciences OPP Identify and develop coursework Masters programs by implementing changes to this course;

7. Information Flow

(1) Please confirm by ticking the boxes and entering the date of action, that you have forwarded a copy of this proposal, either in hard copy, or electronically, to:

External to the Faculty

- The Deans of all faculties which resource schools responsible for teaching units in the course/programme. N/A

- The Head and relevant academic staff of any school which will be teaching in the course/programme. N/A

- The Head and relevant academic staff of any school which is not involved in the course/programme, but which teaches in a cognate area. N/A

- The Librarian

☐ Date 11/6/08

☐ Date N/A

☐ Date N/A

☐ Date N/A

☐ Date 13/6/08

Internal to the Faculty

- The Head and relevant academic staff of any school which will be teaching in the course/programme: N/A

- The Head and relevant academic staff of any school which is not involved in the course/programme, but which teaches in a cognate area.

School of Biomedical, Biochemical and Chemical Sciences ☐ Date 11/6/08

School of Psychology ☐ Date 11/6/08

Centre for Forensic Science ☐ Date 11/6/08

School of Sport Science, Exercise & Health ☐ Date 11/6/08

(2) Please confirm, by ticking the box, that you have completed a Faculty Checklist for each new unit introduced as a result of this proposal. X
(3) Please confirm, by ticking the box, that the proposed course rules are attached. X

(4) Please confirm, by ticking the box, that you have sent a course overview to Publications. □

(5) Please confirm, by ticking the box, that you have consulted with Student Administration about the degree abbreviation. □

Signature of Dean

Faculty of Life & Physical Sciences

8. All courses – confirmation by Dean

I confirm that the process leading to the proposal for the introduction of the following course/programme has included appropriate consultation with all other faculties with a potential interest in the proposed course and that the course will not overlap significantly with any existing course.

Name of course/programme Master of Human Biology

Have any objections to this proposal been raised during the consultation process? Yes □ No X
(If yes, please attach details of objection and response)

Signature of Dean

Faculty of

9. Confirmation by Dean of the School of Indigenous Studies

Where the course proposed involves indigenous issues, the Dean of the School of Indigenous Studies must confirm the school's support.

I confirm that the indigenous issues involved in the proposal for the following course/programme:

Name of course/programme

have been discussed with me and I confirm the support of the School of Indigenous Studies for the introduction of this course/programme.

Signature of Dean of the School of Indigenous Studies

10. Certification that the proposal is acceptable to the International Centre

Where it is proposed to offer the course to international or offshore students, the Director, International Centre (or delegate) must confirm the proposal is acceptable to the International Centre.

I confirm that the International Centre has been consulted on the introduction of this course/programme, and is satisfied that the fee proposed to be charged to international/offshore students is appropriate.

Name of course/programme Master of Human Biology

Signature of Director, International Centre (or delegate)