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 Thursday, 22 May 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 15 April 2008 subject to Dr Linda Jeffery being recorded as present.

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 I

(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 6 MAY 2008

A copy of the minutes of the Board of Studies meeting held on 6 May 2008 is attached (Attachment A). As no major concerns or issues were raised, the Chair recommends the following:

a. PROPOSED CHANGE OF UNIT NAMES FOR HMES2270 AND HMES3385 REF: F5075

that the modification to the unit title of HMES2270 Psychosocial Aspects of HMES to HMES2270 Psychosocial Aspects of Exercise Science; and HMES3385 Human Movement and Disability to HMES3385 Exercise Science and Disability, be approved.

b. PROPOSED CHANGES TO PSYCHOLOGY PROGRAMS REF: F5075, F4993

that the following be endorsed from 2009 onwards:

(i) the structure of its honours program be amended as follows:

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC7421 – Psychology Honours Research Project Part 1 (12 points)</td>
<td>PSYC7422 – Psychology Honours Research Project Part 2 (18 points)</td>
</tr>
<tr>
<td>PSYC7416 – Psychological Approaches to Understanding</td>
<td></td>
</tr>
<tr>
<td>PSYC7418 Psychological Methods 1: Analysis of Complex Data</td>
<td>PSYC7419 Psychological Methods 2: Specialist Research Methods</td>
</tr>
<tr>
<td>PSYC7412 Psychology as a Profession I: Assessment of Individuals and Systems</td>
<td>OR</td>
</tr>
</tbody>
</table>

(ii) suppression of PSYC7417 Psychological Approaches to Understanding 2: Self and Society (currently offered as a core unit);

(iii) renaming of PSYC7416 Psychological Approaches to Understanding 1: Brain and Cognition to “Psychological Approaches to Understanding” to reflect the fact that its content will be more diverse, covering elements of both PSYC7416 and PSYC7417; and

(iv) increasing the value of the honours research project from 24 points to 30 points. Currently, the research project comprises PSYC7421 Psychology Honours Research Project Part 1 (12 points) and PSYC7422 Psychology Honours Research Project Part 2 (12 points). The School is proposing that PSYC7422 be increased to 18 points in order to better recognize the high quality and associated time commitment of students for this unit.
(v) The Bachelor of Psychology, along with its core units, PSYC7461 Psychological Research in Applied Settings (Part 1) and PSYC7460 Psychological Research in Applied Settings (Part 2), be listed as not available.

c. **PROPOSED INTRODUCTION OF COMBINED COURSE – BACHELOR OF SCIENCE/MASTER OF TEACHING (PRIMARY) REF:**

that the proposal to introduce a combined Bachelor of Science/Master of Teaching in 2009 be endorsed, subject to approval by Academic Council.

d. **PROPOSED INTRODUCTION OF NEW UNIT – 3ALG: RINGS, FIELDS AND MATRIX ALGEBRAS** **REF:** F5075

that from 2009 onwards:
(i) the new unit – 3ALG: Rings, Fields and Matrix Algebras be introduced; and
(ii) MATH3380 3GG: Graphs and Geometry with Applications to Networks and Computer Vision, be discontinued.

e. **APPLIED STATISTICS MAJOR TO BE MADE AVAILABLE IN THE BSc AND STREAMLINING OF HONOURS STRUCTURE IN THE BSc, BCM and BA**

Applied Statistics major in the BSc **Ref:** F5075

that the Applied Statistics major be introduced as a fifth major alongside the existing mathematics majors in the general BSc.

Honours in Mathematics and Statistics in the BSc **Ref:** F5075

that the honours in Mathematics and Statistics be amended as follows:

(i) in Rule 9.2.8A 29, students to pick two units from Group A in Table 9.2.8Ao – Mathematics and Statistics Honours options; and two units from Group A or B in Table 9.2.8Ao – Mathematics and Statistics Honours options;
(ii) insertion of Rule 9.2.8A.29(2) to permit students to substitute two other units for units offered in the School.

f. **CHANGES TO UNIT OFFERINGS & MAJOR SEQUENCE IN COMPUTER SCIENCE REF:** F5075

(i) that the following units, currently listed as recognised science units and as options in the computer science major sequence be deleted:-
   CIT51211 Foundations of Computer Science
   CIT5210 Object-oriented Programming
   CIT53213 Concurrent Systems
   CIT53240 Databases

(ii) that the following existing units be added to the list of recognised units for the Bachelor of Science (50110) (Science Rule 9.2.2.3, Table 9.2.2a):-
   CIT51220 Software Engineering (level 1)
   CIT53201 Human–Computer Interaction (level 3)
   CIT54211 Artificial Intelligence (level 3)
   CIT54220 Software Quality & Measurement (level 3)

(iii) that the following new units be added to the list of recognised units for the Bachelor of Science (50110) (Science Rule 9.2.2.3, Table 9.2.2a):-
   CIT52232 Databases (level 2, replacing CIT53240);
   CIT53242 Programming Paradigms (level 3)
   CIT54243 Advanced Databases (level 3, to be available in 2010)

(iv) that the following units be added to the list of options for the BSc major in computer science (Science Rule 9.2.6.14, Table 9.2.6(22) Computer Science Major Sequence Options):-
Level 1
CITS1005 Computing for Scientists & Engineers
CITS1220 Software Engineering

Level 2
CITS2232 Databases

Level 3
CITS3201 Human–Computer Interaction
CITS3220 Software Requirements and Project Management
CITS3241 Robotics
CITS3242 Programming Paradigms;
CITS4220 Software Quality and Measurement
CITS4243 Advanced Databases (to be available in 2010)

(v) that the title of CITS2231 Introduction to Graphics, be changed to CITS2231 Graphics

(vi) that the replacement units for units to be deleted be as follows:-

- CITS 1231 Web Technologies to replace CITS1211 as an option in the Bachelor of Education/Bachelor of Science course (Rule 11.1.29.5a(ii) and Group A of Table 11.1.29c B.Ed/BSc Science Options);

- CITS2232 Databases to replace CITS2210 as an option at level 2 of the computational biology major sequence of the BSc (Bioinformatics) (Rule 9.2.7A2.1, Table 9.2.7A2(2) Bioinformatics Options Group E);

- CITS3242 Programming Paradigms and CITS4243 Advanced Databases to replace CITS3213 and 3240 respectively in the computational biology major of the BSc (Bioinformatics) (Rule 9.2.7A2.1, Table 9.2.7A2(3) Bioinformatics Majors Group I).

PART III
(Items for discussion and Decision)

5. PROPOSED INTRODUCTION OF THE ANTHROPOLOGY PROGRAM WITHIN THE MASTER OF FORENSIC SCIENCE, GRADUATE DIPLOMA IN FORENSIC SCIENCE AND A NEW THESIS UNIT REF:

The Centre for Forensic Science wishes to propose a new program namely, “anthropology”, to be offered in the Graduate Diploma in Forensic Science and the Master of Forensic Science. The proposal is the outcome of an internal review of its course offerings and an external review of the Centre in 2006-2007.

The new specialisation is designed to acquaint students with current developments in forensic sciences, medical and social sciences, and to train students in the theoretical and practical techniques necessary for them to specialise in the discipline of forensic anthropology. The new program will complement the Forensic Odontology stream currently offered in the Graduate Diploma in Forensic Science and the Master of Forensic Science.

The Master of Forensic Science (Anthropology) comprises advanced units in the student’s chosen field of study and a substantial research project to be covered in the new 48 point unit – Forensic Science Thesis (Anthropology) FN5CSX3XX, which the Centre is proposing. The new unit will provide students with practical experience in independent scientific experimentation and research which are of direct relevance to forensic anthropology.

Proposals for the new program, new thesis unit and amended Rules for the Graduate Diploma in Forensic Science and the Master of Forensic Science are attached (Attachment B).

6. PROPOSAL TO REINSTATE THE CLINICAL NEUROPSYCHOLOGY PROGRAM IN THE COMBINED MASTER OF PSYCHOLOGY/PHD COURSE REF:

The School of Psychology withdrew the Clinical Neuropsychology program from the Master of Psychology and the combined Master of Psychology/PhD course at the end of 2005 as it was concerned that its graduates were not eligible to apply for Clinical Neuropsychologist positions as potential
employers in WA were targeting Clinical Psychologists. As a result, these graduates had to seek positions interstate.

With the withdrawal of the Clinical Neuropsychology program from the Master of Psychology and the combined Master of Psychology/PhD, the School then introduced the Doctor of Psychology in Clinical and Clinical Neuropsychology in 2006 in order to provide sufficient breadth of training in both areas. The School has since found that whilst the Doctor of Psychology provides high quality training for applied clinicians, the research component of this course is inadequate for career researchers with a focus in clinical neuropsychology. Consequently, students who wish to pursue such a career path have to turn elsewhere for the training. As there are currently no universities in WA that offer such training, the School feels that it is now time to provide students with a greater choice of training options to meet the needs of the community and future employers.

The School now seeks to reinstate the Clinical Neuropsychology program in the Master of Psychology. The School is also proposing that the Clinical Neuropsychology program only be taken in conjunction with a PhD. The reasons for this are:

- When the Clinical Neuropsychology program was offered previously in the single Master of Psychology degree, it did not seem to meet the professional requirements of graduates as its focus was too narrow for the roles that graduates were expected to take up as professionals or as practitioner oriented neuropsychologists. It did not suit either the practitioner or the academic.
- The School felt that the Clinical Neuropsychology program when offered previously in the single Master of Psychology, did not quite deliver what it intended for professionals, as students lacked skills that were gained by students completing the clinical stream of the Doctor of Psychology in Clinical and Clinical Neuropsychology.
- When combined with the PhD previously however, the School felt that it provided a thorough grounding in the knowledge, methods and techniques necessary for pursuing a research career in the area of neuropsychology.
- The combined Master of Psychology/PhD in Neuropsychology then, was also very successful in producing PhD graduates with a completion rate of around 80%.
- Since the suppression of the Master of Psychology (Clinical Neuropsychology) program from the combined MPsy ch/PhD at the end of 2005, the School have not had enrolments in the stand alone PhD in the neuropsychology area to the same extent as previously. PhD enrolments in this area have been decimated.
- Neuropsychological research is a significant growth area for the School and it intends to have training tailored appropriately for students.

Checklists for the reinstatement of the Clinical Neuropsychology program in the combined Master of Psychology/PhD and amended Rules for this combined course are attached (Attachment C).

7. OTHER BUSINESS
MINUTES OF THE MEETING OF THE BOARD OF STUDIES IN SCIENCE
HELD IN THE ECONS CONFERENCE ROOM ON TUESDAY, 6 MAY 2008

Present: Professor Bob Grove (Chair), Associate Professor Lawrie Abraham, Dr Greg Acciaioli, Professor Bruce Elliott, Mrs Vickie Falcetta, Ms Jenny Gamble, Professor Geoff Hammond, Ms Marjan Heibloem, Dr Ralph James, Dr Brenton Knott, Dr Nancy Longnecker, Dr Robin Milne, Associate Professor Dave Morison, Professor Don Robertson, Dr Robert Tuckey, Associate Professor Jingbo Wang, Associate Professor Michael Wise

Apologies: Professor Lyn Abbott, Professor Peter Cawood, Dr Jane Emberson, Dr Luis Filgueira, Dr Patrick Finnegan, Associate Professor Myra Keep, Associate Professor Les Jennings, Dr Allan McKinley, Ms Matilda Oke, Professor Line Schmitt, Professor Geoff Stewart, Dr Ben White

Invites: Dr Di Gardiner, Dr Sandy Heldsinger, Professor Grady Venville (for item 4)

Imelda Ooi, Secretary

1. DECLARATION OF POTENTIAL FOR CONFLICT OR PERCEIVED CONFLICTS OF INTEREST

The Chair invited members to declare conflicts of interest in relation to any item on the agenda. No conflicts of interest were declared.

2. PROPOSED CHANGE OF UNIT NAMES FOR HMES2270 AND HMES3385 REF: F5075

The School of Sport Science, Exercise and Health requested that the names of the following units be modified:

<table>
<thead>
<tr>
<th>Current</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMES2270 Psychosocial Aspects of HMES</td>
<td>HMES2270 Psychosocial Aspects of Exercise Science</td>
</tr>
<tr>
<td>HMES3385 Human Movement and Disability</td>
<td>HMES3385 Exercise Science and Disability</td>
</tr>
</tbody>
</table>

RESOLVED – 8
that the modification to the unit title of HMES2270 Psychosocial Aspects of HMES to HMES2270 Psychosocial Aspects of Exercise Science; and HMES3385 Human Movement and Disability to HMES3385 Exercise Science and Disability, be approved.

3. PROPOSED CHANGES TO PSYCHOLOGY PROGRAMS REF: F5075, F4993

Members had before them a proposal from the Head of the School of Psychology for changes to its undergraduate program for 2009. Speaking to the item, Associate Professor Dave Morrison stated that the proposed changes arose from a review by the Australian Psychology Accreditation Council (APAC). In response to recommendations from the professional body, the School reviewed its course offerings and units in order to meet the accreditation requirements of this body. To this end, the School has restructured its honours program to incorporate a couple of elective units as core units in the program and changing the points value (and assessment) of the honours research project from 24 points to 30 points. The School has also proposed that the Bachelor of Psychology be listed as not available in 2009 based on the recommendation from the review that the degree be conditionally accredited to the end of 2008 only, after which it may be disestablished.
RESOLVED – 9
that the following be endorsed from 2009 onwards:

(i) the structure of its honours program be amended as follows:

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC7421 – Psychology Honours Research</td>
<td>PSYC7422 – Psychology Honours Research</td>
</tr>
<tr>
<td>Project Part 1 (12 points)</td>
<td>Project Part 2 (18 points)</td>
</tr>
<tr>
<td>PSYC7416 – Psychological Approaches to</td>
<td>PSYC7419 Psychological Methods 2:</td>
</tr>
<tr>
<td>Understanding</td>
<td>Specialist Research Methods</td>
</tr>
<tr>
<td>PSYC7418 Psychological Methods 1: Analysis</td>
<td>PSYC7413 Psychology as a Profession II:</td>
</tr>
<tr>
<td>of Complex Data OR</td>
<td>Effecting Change</td>
</tr>
<tr>
<td>PSYC7412 Psychology as a Profession I:</td>
<td></td>
</tr>
<tr>
<td>Assessment of Individuals and Systems OR</td>
<td></td>
</tr>
</tbody>
</table>

(ii) suppression of PSYC7417 Psychological Approaches to Understanding 2: Self and Society (currently offered as a core unit);

(iii) renaming of PSYC7416 Psychological Approaches to Understanding 1: Brain and Cognition to “Psychological Approaches to Understanding” to reflect the fact that its content will be more diverse, covering elements of both PSYC7416 and PSYC7417; and

(iv) increasing the value of the honours research project from 24 points to 30 points. Currently, the research project comprises PSYC7421 Psychology Honours Research Project Part 1 (12 points) and PSYC7422 Psychology Honours Research Project Part 2 (12 points). The School is proposing that PSYC7422 be increased to 18 points in order to better recognize the high quality and associated time commitment of students for this unit.

(v) The Bachelor of Psychology, along with its core units, PSYC7461 Psychological Research in Applied Settings (Part 1) and PSYC7460 Psychological Research in Applied Settings (Part 2), be listed as not available.

4. PROPOSED INTRODUCTION OF COMBINED COURSE – BACHELOR OF SCIENCE/MASTER OF TEACHING (PRIMARY) REF:

Members had before them a proposal from the Graduate School of Education to introduce the combined Bachelor of Science/Master of Teaching (Primary) in 2009. This was a new initiative as it combined a bachelor’s degree with a postgraduate course. Dr Sandy Helsinger (Course Co-ordinator), Dr Di Gardiner and Professor Grady Venville attended the meeting for the item. Dr Helsinger stated that there were concerns about the quality of students going into teaching. Entry qualifications for primary teaching had dropped significantly in the last few years to the current situation where students could enter primary teaching without having passed TEE. Primary school teaching had been previously taught at UWA, but had been dropped more than 20 years ago. UWA recruited high quality students into its secondary education program and it was felt that this should be extended to primary school teaching. Primary school teachers need a broader base of teaching skills than secondary school teachers and this meant that it could not be accommodated within the current combined course for BSc/BEd (secondary teaching). It was proposed that primary school teaching be introduced as a master’s degree as it would be a two year program rather than the current one year program. The combination of master’s degree with a bachelor’s degree had received ‘in principle’ approval from the Vice-Chancellor.

A general discussion ensued. The following points were noted:

- It was felt that marketing the combined course as a 5.125 – 5.375 year degree would not be attractive to students. One member suggested that it would be better to shape the course into a five-year degree by making adjustment to the content of the Bachelor of Science component perhaps. Dr Gardiner responded that it would be impossible to incorporate all the components of the course in a shorter time frame as more contact time was required for the training of primary teachers. Another member felt that it should be up to Education to market the course as they see fit.

- It was queried whether it would be more appropriate to enrol commencing students in the Bachelor of Science/Bachelor of Education and subsequently convert them to the Master of Teaching if they continue to the final year. Dr Gardiner responded that this was not feasible as there was no guarantee that students would stay on after four years of study.
• It was felt that modifying the Bachelor of Education to fit in with the needs of the teaching profession was more logical than the introduction of the Master of Teaching. Dr Gardiner stated that in the combined Bachelor of Science/Bachelor of Education, it was difficult to front load the teaching material earlier in the course as Bachelor of Science students would be busy with laboratory work and assignments. Moreover, the single Bachelor of Education would not provide sufficient preparation for primary teaching.

• It was noted that students would have the option of exiting the course after three years with a Bachelor of Science, if they did not wish to progress to the Master of Teaching.

• The second year of the Bachelor of Science component leant heavily towards the physical sciences. It was queried whether this could be changed to a broader focus. The Graduate School of Education stated that it was happy for Science to have a broad choice of units for students as it would give them more breadth in their preparation. However, the focus on physical sciences was highly desirable as units such as mathematics, chemistry and physics provided the necessary skills for teaching science.

After some discussion, the Chair put forward the motion to endorse the proposed combined Bachelor of Science/Master of Teaching, which was supported by the majority of members.

RESOLVED – 10

to recommend to the Faculty Board of Life and Physical Sciences that the proposal to introduce a combined Bachelor of Science/Master of Teaching in 2009 be endorsed, subject to approval by Academic Council.

5. PROPOSED INTRODUCTION OF NEW UNIT – 3ALG: RINGS, FIELDS AND MATRIX ALGEBRAS

REF: F5075

Members had before them a proposal from the School of Mathematics and Statistics to introduce a new unit – 3ALG: Rings, Fields and Matrix Algebras. Speaking to the item, Dr Robin Milne stated that with the introduction of the new unit, the School planned to discontinue MATH3380 3GG: Graphs and Geometry with Applications to Networks and Computer Vision as the unit was no longer useful to students. The proposed unit would provide adequate background for further studies in algebra and would have the same prerequisites as MATH3335 3P5: Groups and Symmetry i.e. MATH2020: Multivariable Calculus & Linear Algebra.

RESOLVED – 11

to recommend to the Faculty Board of Life and Physical Sciences that the new unit – 3ALG: Rings, Fields and Matrix Algebras be introduced and MATH3380 3GG: Graphs and Geometry with Applications to Networks and Computer Vision, be discontinued from 2009 onwards.

6. APPLIED STATISTICS MAJOR TO BE MADE AVAILABLE IN THE BSc AND STREAMLINING OF HONOURS STRUCTURE IN THE BSc, BCM and BA

(a) Applied Statistics major in the BSc Ref: F5075

Members had before them a request from the School of Mathematics and Statistics for the Applied Statistics major to be made available in the general BSc and its Rules be made the same as for BCM, Bachelor of Computer Science and BA. Speaking to the item, Dr Robin Milne stated that the major had previously been available in the BSc (Mathematical and Statistical Science) programme which was withdrawn at the end of 2007. He said that this was one of the more important mathematics majors for science students and the School wished to make a formal request for it to be re-instated in the BSc.

The Chair drew Dr Milne’s attention to the fact that the BSc currently had four mathematics majors i.e. Applied Mathematics, Pure Mathematics, Mathematical Sciences and Mathematical Statistics. He reported that the Dean of the Faculty of Life and Physical Sciences felt that an extra one would be too many and had suggested that the School drop one of the existing majors. He suggested that the School consider dropping Mathematical Statistics as the major has low enrolments. It was pointed out that students would still be able to complete the units for Mathematical Statistics under the Mathematical Sciences major. Dr Milne responded that most of the majors had small numbers initially when introduced but had grown over the years. All the majors had a role to play and had important links with other disciplines e.g. commerce and combined degrees.
In response to another query as to how the Applied Statistics major differed from the Mathematical Statistics major, Dr Milne advised that Mathematical Statistics graduates were more versed in the theory of statistics and probability as opposed to Applied Statistics graduates who were more versed in the how, why and on the types of data in which various statistical tools would be used, i.e. the practical aspect of statistics. One member commented that he could see the value of the Applied Statistics major for students in his School as it would prepare them to undertake research in psychology.

After some discussion, Dr Milne put forward the motion that the Applied Statistics major be introduced as a fifth major alongside the existing mathematics majors in the general BSc which was supported by the majority of members.

RESOLVED – 12

to recommend to the Faculty Board of Life and Physical Sciences that the Applied Statistics major be introduced as a fifth major alongside the existing mathematics majors in the general BSc.

(b) Honours in Mathematics and Statistics in the BSc Ref: F5075

Dr Robin Milne advised members that the School of Mathematics and Statistics wished to formalise the honours structure in the BSc similar to that offered in the BCM and BA honours degrees. The Faculty Manager pointed out that when the honours program formally became Rules, it was found that there was no flexibility within the Rules for Science students and the Faculty had to request for Rule waivers from Academic Council to accommodate students.

RESOLVED – 13

to recommend to the Faculty Board of Life and Physical Sciences that the honours in Mathematics and Statistics be amended as follows:

(i) that in Rule 9.2.8A 29, students have the option of picking four coursework units from Groups A to C in Table 9.2.8Ao – Mathematics and Statistics Honours options;
(ii) insertion of Rule 9.2.8A.29(2) to permit students to substitute two other units in the University, for units offered in the School.

7. CHANGES TO UNIT OFFERINGS & MAJOR SEQUENCE IN COMPUTER SCIENCE REF: F5075

Members had before them a proposal from the School of Computer Science & Software Engineering for changes to the unit offerings and major sequence in computer science in the Bachelor of Science course. Associate Professor Michael Wise spoke to the item on behalf of Professor Mark Reynolds. Professor Wise stated that the School had gone through a restructure and took the opportunity to review its courses and unit offerings. The two main reasons for the proposed changes were firstly, it was found that BSc students currently had lesser choice of units in computer science as opposed to engineering students. Secondly, BSc students did not write programs well. It was hoped that the programming units would equip them with these skills.

RESOLVED – 14

(a) that the following units, currently listed as recognised science units and as options in the computer science major sequence be deleted:-
   - CIT71211 Foundations of Computer Science
   - CIT72210 Object-oriented Programming
   - CIT73213 Concurrent Systems
   - CIT73240 Databases

(b) that the following existing units be added to the list of recognised units for the Bachelor of Science (50110) (Science Rule 9.2.2.3, Table 9.2.2a):-
   - CIT71220 Software Engineering (level 1)
   - CIT73201 Human–Computer Interaction (level 3)
   - CIT74211 Artificial Intelligence (level 3)
   - CIT74220 Software Quality & Measurement (level 3)
(c) that the following new units be added them to the list of recognised units for the Bachelor of Science (50110) (Science Rule 9.2.2.3, Table 9.2.2a):-
CITS2232 Databases (level 2, replacing CITS3240);
CITS3242 Programming Paradigms (level 3)
CITS4243 Advanced Databases (level 3, to be available in 2010)

(d) that the following units be added to the list of options for the BSc major in computer science (Science Rule 9.2.6.14, Table 9.2.6(22) Computer Science Major Sequence Options):-

Level 1
CITS1005 Computing for Scientists & Engineers
CITS1220 Software Engineering

Level 2
CITS2232 Databases

Level 3
CITS3201 Human–Computer Interaction
CITS3220 Software Requirements and Project Management
CITS3241 Robotics
CITS3242 Programming Paradigms;
CITS4220 Software Quality and Measurement
CITS4243 Advanced Databases (to be available in 2010)

(e) that the title of CITS2231 Introduction to Graphics, be changed to CITS2231 Graphics

(f) that the replacement units for units to be deleted be as follows:-

- CITS 1231 Web Technologies to replace CITS1211 as an option in the Bachelor of Education/Bachelor of Science course (Rule 11.1.29.5a(ii) and Group A of Table 11.1.29c B.Ed/BSc Science Options);

- CITS2232 Databases to replace CITS2210 as an option at level 2 of the computational biology major sequence of the BSc (Bioinformatics) (Rule 9.2.7A2.1, Table 9.2.7A2(2) Bioinformatics Options Group E);

- CITS3242 Programming Paradigms and CITS4243 Advanced Databases to replace CITS3213 and 3240 respectively in the computational biology major of the BSc (Bioinformatics) (Rule 9.2.7A2.1, Table 9.2.7A2(3) Bioinformatics Majors Group I).
Professor George Stewart  
Dean  
Faculty of Life and Physical Sciences  
MBDP: M011

New Course Proposal:  Graduate Diploma of Forensic Science (Anthropology)

Dear Professor Stewart,

I would like Faculty to consider the above course for inclusion in the postgraduate diploma programme offered by the Centre for Forensic Science.

This is a multidisciplinary degree combining the research and teaching of the University with the public and industry needs of WA and beyond. The course is aimed at students who have completed a degree in an allied science or other relevant subject area and wish to gain a qualification in forensic science. The degree is designed to acquaint students with current developments in basic forensic sciences and particularly those medical and social sciences which are of direct relevance to the application to forensic anthropology.

I have prepared the various regulations and checklists for the new course; the required documentation is attached. The style of this course has as its precedence those already on offer within the Centre for Forensic Science.

Yours sincerely,

Daniel Franklin
The University of Western Australia

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/transnat.

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:

       GRADUATE DIPLOMA OF FORENSIC SCIENCE (ANTHROPOLOGY)

       (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):

       GradDipForSci(Anthropology)

       (c) the proposed annual intake to the course or programme (in student numbers);

       approximately 15

       (d) the proposed colour(s) of the silk linings and facings of the academic dress;

       Same as Graduate Diploma of Forensic Science

       (e) (for Masters degrees only)

          (i) Research (by thesis) where the research represents 100% of the course requirements

          (ii) Research (by thesis and creative work) where the assessment is based on a thesis and a creative and/or performance component

          (iii) Thesis and Coursework where the research represents 66.6% or more of the degree requirements

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

          (v) Coursework where the coursework is 100% of the degree requirements.

       (f) entry requirements;

       has completed a bachelor's degree in a relevant discipline;

       has qualifications and experience in a relevant field, which are considered by the Faculty to be equivalent to the degree qualifications specified above.

       (g) total number of points required for completion;

       48

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

       1 year (2 standard semesters)

       (i) delivery mode (ie. Internal, external, multi-mode, online-only).

       Internal & external

       (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?

       Some labs are taught at the Harry Waring Marsupial Reserve.

       (k) is any part of the course delivered by or taught in collaboration with another organisation?

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

       No

       (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

   (2) Please give a succinct summary of the academic objectives of the proposed new course/programme.

   • To train students in the theoretical and practical techniques necessary for them to specialise in the discipline of forensic anthropology at the graduate diploma level.
• To promote original research of relevance to the discipline of forensic anthropology.

• To acquaint students with current developments in basic forensic sciences and particularly those medical and social sciences which are of direct relevance to the application to forensic anthropology.

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

Resulted in part from an internal review of course offerings & external review of the Centre for Forensic Science in 2008-7.

Does this course complement any major research activities and/or centres? YES

(If yes, please elaborate)

With the appointment of Dr. Daniel Franklin, an active researcher in forensic anthropology, the number of Master and PhD students doing research in this area is expected to grow. The new specialised graduate diploma is designed to streamline students into anthropological research projects at a Master level and beyond. This course will also complement the Forensic Odontology stream, as we already have a number of students pursuing research in this area.

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.

We anticipate 10 international and 5 local sufficiently qualified applications in the first year the course is offered.

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

We anticipate the 5 international and 2 local applications would have otherwise applied for the Graduate Diploma in Forensic Science (FNSC50320). The new course should not impact on admission numbers for any courses offered outside of the Centre for Forensic Science.

3. Employment Outcomes

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

Western Australian Police and other national law enforcement agencies (e.g. Australian Defence Force; Australian Federal Police). Law enforcement generally employ graduates at this level into physical evidence areas. This is based on graduates in forensic science already securing jobs in these agencies. Graduates may also obtain employment in laboratories as research assistants, utilising the practical and research skills learnt during the course.

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; We have sent a letter to the head of the School of Anatomy and Human Biology outlining the proposed course.

(b) students and graduates; We have consulted at length with current students and graduates about developing this course – the suggestions are all positive and have been incorporated.

(c) employers and/or employer groups, and professional bodies; We have consulted extensively with the Western Australian Police, they are very interested in having members attend either the entire course or the practical sessions by audit.

(d) other universities in WA which offer courses in similar fields; There are no other universities that teach similar courses within Western Australia.
**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:

GRADUATE DIPLOMA OF FORENSIC SCIENCE (ANTHROPOLOGY)

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

Teaching and learning practices will follow those already established in the current CFS Graduate Diploma curriculum – the course is delivered and assessed using a diverse mixture of lectures, laboratory activities, fieldwork, practical exercises, essays and examinations.

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

All technologies required to support the teaching and learning practices are already in-place at CFS.

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

See point 4 (above).
(e) leading universities in Australia and overseas which offer courses in similar fields; We have consulted with various universities both in Australia (JCU & ANU) and overseas (UTK; Bradford) that teach similar courses – we believe that our course is at the very least comparable to, or in fact superior, in its range of topics covered (both theoretically and practically) in the course.

(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. This course incorporates a selection of core units that are part of the Graduate Diploma in Forensic Science (FNSC50320). This is a complementary specialisation programme.

(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

6. Fees

Note: Courses must not be offered or advertised in any way to international students until after they have been registered through the International Centre with CRICOS. Please ensure that you consult with the Director, International Centre about the suitability of a course for international students 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
Is the course to be offered to international fee-paying students on other visas?
YES
(b) What fee per annum is proposed for international fee-paying students? $22,500
(c) (Postgraduate coursework degrees/diplomas/certificates only) Is the course to be registered with DEST as available on a fee-paying basis to local students?
YES
(b) If so, what fee is proposed? Please state: fee per annum, the total number of points and the fee per point. $12,075 per annum; 48 points; $251.60 per point.
(c) Please comment on consultations you have had with other institutions, both national and local, in determining that fee. The fee is already set by CFS in the existing programme.

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

The proposed Graduate Diploma in Forensic Science (Anthropology) complements both the University's and the Faculty's Strategic and Operational Priorities Plans; this is discussed at a theme level.

The Faculty's Strategic Plan:
- Connectivity and Integration – Collaborating with other groups externally is a component of this course and assists with the ability to provide services in the community. This course will also be offered to International students, complimenting the goal of International collaboration;
- The initiation of this new graduate diploma fits with the theme of ‘demonstrating flexibility by developing new and innovative courses’;
- Promote our uniqueness – we are the only Australian university offering a graduate diploma course in forensic science that specialises in anthropology. Provision of this diploma will not only attract local and international students, but also draw applicants from other national institutions. This course will improve the Centre’s relationship and profile within the community.

The Faculty's Operational Priorities Plan reflects the missions of the University:
- Internationalisation – The diploma is designed with the intention that International students, especially those living in South East Asia and the Middle East, will apply;
- Teaching and Learning – units offered within the course incorporates the teaching/research nexus. The proposed graduate diploma also supports the University’s vision to advance, transmit and sustain knowledge and understanding through the conduct of teaching, research and scholarship at the highest international standards for the benefit of the Western Australia, Australian and international communities.
- Research and Training – after completing the course, there some students may potentially continue into one of our higher research degree programmes. The new course thus has the potential to increase the number of higher degree students as well as promotes research in an area of community need with high social impact;
- Resource and Management – Increasing student numbers. Building further effective, strategic partnerships and alliances.
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)

  Faculty of ____________________________ ☐ Date __________

  Faculty of ____________________________ ☐ Date __________

  Faculty of ____________________________ ☐ Date __________

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

  School of ____________________________ ☐ Date __________

  School of ____________________________ ☐ Date __________

  School of ____________________________ ☐ Date __________

- 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 ____________________________ ☐ Date __________

  School of ____________________________ ☐ Date __________

  School of ____________________________ ☐ Date __________

  School of Social and Cultural Studies ☐ Date 15/04/08

- The Librarian ☐ Date 15/04/08

- Where the course proposed involves indigenous issues, the Dean of the School of Indigenous Studies (N/A) ☐ Date __________

- Where the course proposed is postgraduate and includes 55.6% or more research, the Pro Vice-Chancellor (Research and Research Training) (N/A) ☐ Date __________

- Executive Officer, Admissions Committee (for new undergraduate courses only) (N/A) ☐ Date __________

- Where the course proposed is to be available to international students, the Director, International Centre ☐ Date 15/04/08

Internal to the Faculty

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

  School of ____________________________ ☐ Date __________

  School of ____________________________ ☐ Date __________

  School of ____________________________ ☐ Date __________

  School of Anatomy and Human Biology ☐ Date 15/04/08

- 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 ____________________________ ☐ Date __________

  School of ____________________________ ☐ Date __________

  School of ____________________________ ☐ Date __________

(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.

(3) Please confirm, by ticking the box, that the proposed course rules are attached. ☑

(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 and 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: Graduate Diploma of Forensic Science (Anthropology)

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

Signature of Dean
Faculty of
Life and Physical Sciences

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: Graduate Diploma of Forensic Science (Anthropology)

Signature of Director, International Centre (or delegate): ____________________________

University Secretariat
Checklist New Course
Last updated: July 2007
GRADUATE DIPLOMA IN FORENSIC SCIENCE (ANTHROPOLOGY)

Course type: Postgraduate diploma

Include in: Postgraduate Handbook

Status: Current

Intake periods: All

Admission requirements:

A degree of Bachelor of Science of this University or equivalent, as recognised by the Faculty of Life and Physical Sciences, or qualifications and experience in a relevant field, which are considered by the Faculty to be equivalent to the degree qualifications specified above.

Administration
Administered by (UWA only): Faculty of Life and Physical Sciences
Jointly with (non-UWA only): N/A

Course Details
Minimum credit points required: 48 points

Short Description:

This multidisciplinary course has been designed specifically to acquaint students with current developments in basic forensic sciences and particularly those medical and social sciences which are of direct relevance to the application to forensic anthropology. The course utilises the research and teaching of the University with the public and industry needs of WA and beyond, and is aimed at students who have completed a degree (or equivalent as recognised by Faculty – see above) in an allied science or other relevant subject area and wish to gain a qualification in forensic science.

Structure:

The programme comprises coursework and the completion of a case study which includes a mock court appearance. For more information on the core units contact Forensic Science or go to the web site at http://www.forensicscience.uwa.edu.au/.

Standard full-time completion: 1 year
Standard part-time completion: 2 years

Attendance type: full or part-time (international students may only study on a full-time basis)
Delivery mode: internal

Available to international students: yes

Locations Offered
Locations offered: UWA (Crawley)
Domestic fee type: Postgraduate fee-paying/FEF-HELP

Majors Minors
Majors available: N/A
Minors available: N/A

Enquiries: Danielle Molan
Contact person: Danielle Molan
Position: Administrator
Phone/email: 6488 7286; danielle.molan@uwa.edu.au

Notes:
9.5.6 GRADUATE DIPLOMA IN FORENSIC SCIENCE (50320)

Applicability of the University General Rules for Academic Courses

9.5.6.1 The rules in 1.1 and 1.2 of the University General Rules for Academic Courses in this handbook apply to the Graduate Diploma in Forensic Science except as set out in the rules which follow.

Applicability of the Science Faculties' General Provisions

9.5.6.2 The Science Faculties’ General Provisions in 9.5.1 apply to the course.

Articulation

9.5.6.3(1) The Graduate Certificate in Forensic Science articulates with the course.

(2) The course articulates with the Master of Forensic Science.

Admission

9.5.6.4(1) The Faculty of Life and Physical Sciences may accept into the course for the Graduate Diploma in Forensic Science an applicant who—

(a)(i) has a bachelor’s degree in a relevant subject area from this University, or equivalent as recognised by the Faculty;

or

(ii) has qualifications and experience in a relevant field which are considered by the Faculty to be equivalent to the qualifications specified in (i);

and

(b) has obtained certification of national police clearance;

and

(c) has obtained certification of currency of tetanus protection and has taken the necessary medical precautions to undertake studies in forensic science as specified in the information sheet available from the Centre for Forensic Science.

(2) The Faculty may accept into the course for the Odontology specialisation an applicant who—

(a) has a bachelor’s degree in dental science, or equivalent as recognised by the Faculty;

and

(b) has obtained certification of national police clearance;

and

(c) has obtained certification of currency of tetanus protection and has taken the necessary medical precautions to undertake studies in forensic science as specified in the information sheet available from the Faculty Office.

(3) The Faculty of Life and Physical Sciences may accept into the course for the Anthropology specialisation an applicant who—

(a)(i) has a bachelor’s degree in a relevant subject area from this University, or equivalent as recognised by the Faculty;

or

(ii) has qualifications and experience in a relevant field which are considered by the Faculty to be equivalent to the qualifications specified in (i);

and

(b) has obtained certification of national police clearance;

and

(c) has obtained certification of currency of tetanus protection and has taken the necessary medical precautions to undertake studies in forensic science as specified in the information sheet available from the Centre for Forensic Science.
Course Structure

9.5.6.5(1) The course consists of units to a total value of 48 to 51 points comprising—

(a) all units in Table 9.5.6(1) (Graduate Diploma in Forensic Science Core Units)—18 points

and

(b) units to the value of 15 points from Group A in Table 9.5.6(2) (Graduate Diploma in Forensic Science Options);

and

(c) at least one unit from Group B in Table 9.5.6(2) (Graduate Diploma in Forensic Science Options)—3 or 6 points

and

(d)(i) for students in the general stream, the unit in Group C in Table 9.5.6(2) (Graduate Diploma in Forensic Science Options)—12 points

or

(ii) for students in the Odontology specialisation, the unit in Group D in Table 9.5.6(2) (Graduate Diploma in Forensic Science Options)—12 points.

(2) FNSC8504 Research Issues in Forensic Science 1 and FNSC8510 Research Issues in Forensic Science 2 must not be taken in the same semester.

(3) The course for the Anthropology specialization consists of units to a total value of 48 to 51 points comprising—

(a) all units in Table 9.5.6(1) (Graduate Diploma in Forensic Science Core Units)—18 points

and

(b) all units to a total value of 18 points listed below:
   FNSC8512 Forensic Archaeology I – Basic Theory and Method
   FNSC8513 Forensic Archaeology II – Advanced Theory and Method
   FNSC8514 Forensic Anthropology II – Advanced Theory and Method
   FNSC8515 Molecular Osteology
   FNSC8516 Forensic Odontology and Introductory Osteology

   (c) the units in Group C in Table 9.5.6(2) (Graduate Diploma in Forensic Science Options)—12 points

   (2) FNSC8504 Research Issues in Forensic Science 1 and FNSC8510 Research Issues in Forensic Science 2 must not be taken in the same semester.

Credit

9.5.6.6(1) The Faculty may grant credit towards the course for units to a maximum value of 12 points.

(2) Credit may be granted for—

(a) coursework completed as part of an approved course at this or another recognised tertiary institution;

or

(b) coursework completed through Continuing Education at this University in or after 1995;

and/or

(c) work completed in courses provided by professional providers or private educational institutions.

(3) Credit granted for work described in 2(b) must not exceed six points.

(4) Credit granted for work described in 2(c) must not exceed six points.

9.5.6.7 Rescinded

Award of Graduate Certificate in Forensic Science

9.5.6.8 A student who withdraws from the course after completing the requirements for the Graduate Certificate in Forensic Science may apply to the Faculty to be awarded the certificate.
### Table 9.5.6(1)—Graduate Diploma in Forensic Science Core Units

All units have a value of three points unless otherwise stated.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>FNSC8504</td>
<td>Research Issues in Forensic Science 1</td>
</tr>
<tr>
<td>FNSC8510</td>
<td>Research Issues in Forensic Science 2</td>
</tr>
<tr>
<td>FNSC8511</td>
<td>Ethics and Research Methods in Forensic Science</td>
</tr>
<tr>
<td>FNSC8551</td>
<td>Instrumentation (Chemical Instrumentation)</td>
</tr>
<tr>
<td>FNSC8562</td>
<td>Forensic Anthropology</td>
</tr>
<tr>
<td>FNSC8564</td>
<td>DNA</td>
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</table>

### Table 9.5.6(2)—Graduate Diploma in Forensic Science Options

All units have a value of three points unless otherwise stated.

**Group A**

<table>
<thead>
<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>FNSC8503</td>
<td>Forensic Pathology</td>
</tr>
<tr>
<td>FNSC8512</td>
<td>Forensic Archaeology I—Basic Theory and Method</td>
</tr>
<tr>
<td>FNSC8513</td>
<td>Forensic Archaeology II—Advanced Theory and Method</td>
</tr>
<tr>
<td>FNSC8514</td>
<td>Forensic Anthropology II—Advanced Theory and Method</td>
</tr>
<tr>
<td>FNSC8515</td>
<td>Molecular Osteology</td>
</tr>
<tr>
<td>FNSC8516</td>
<td>Forensic Odontology and Introductory Osteology</td>
</tr>
<tr>
<td>FNSC8552</td>
<td>Soils and Taphonomy</td>
</tr>
<tr>
<td>FNSC8553</td>
<td>Electron, Light and Laser Microscopies</td>
</tr>
<tr>
<td>FNSC8554</td>
<td>Forensic Image Processing</td>
</tr>
<tr>
<td>FNSC8561</td>
<td>Forensic Entomology</td>
</tr>
<tr>
<td>FNSC8563</td>
<td>Botanical Evidence</td>
</tr>
</tbody>
</table>

**Group B**

<table>
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<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>FNSC8505</td>
<td>Special Topics in Forensic Science 1</td>
</tr>
<tr>
<td>FNSC8506</td>
<td>Special Topics in Forensic Science 2</td>
</tr>
</tbody>
</table>

**Group C**

<table>
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<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>FNSC8521</td>
<td>Case Study Part 1 (6 points)</td>
</tr>
<tr>
<td>FNSC8522</td>
<td>Case Study Part 2 (6 points)</td>
</tr>
</tbody>
</table>

**Group D**

<table>
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<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNSC8523</td>
<td>Case Study (Odontology) Part 1 (6 points)</td>
</tr>
<tr>
<td>FNSC8524</td>
<td>Case Study (Odontology) Part 2 (6 points)</td>
</tr>
</tbody>
</table>
New Course Proposal: Master of Forensic Science (Anthropology)

Dear Professor Stewart,

I would like Faculty to consider the above course for inclusion in the postgraduate Master programme offered by the Centre for Forensic Science.

This degree has been designed specifically to acquaint students with current developments in basic forensic sciences and particularly those medical and social sciences which are of direct relevance to the application to forensic anthropology. This degree is intended for student’s wishing to undertake advanced studies in either a broad or specialist area of forensic anthropology. There is considerable diversity of research related to forensic anthropology, ranging from traditional morphometrics through to computer-graphic facial reconstruction. The degree comprises advanced units in the student's chosen field of study and a substantial research project.

I have prepared the various regulations and checklists for the new course; the required documentation is attached. The style of this course has as its precedence those already on offer within the Centre for Forensic Science.

Yours sincerely,

Daniel Franklin
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. BS(Animal 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/internat/

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 FORENSIC SCIENCE (ANTHROPOLOGY)**

   (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); **MForSci (Anthropology)**

   (c) the proposed annual intake to the course or programme (in student numbers); **5 – 10**

   (d) the proposed colour(s) of the silk linings and facings of the academic dress; **Same as Master of Forensic Science**

   (e) (for Masters degrees only)

      (i) Research (by thesis) where the research represents 100% of the course requirements

      (ii) Research (by thesis and creative work) where the assessment is based on a thesis and a creative and/or performance component

      (iii) Thesis and Coursework where the research represents 66.5% or more of the degree requirements

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

      (v) Coursework where the coursework is 100% of the degree requirements.

   (e) entry requirements;

      has a bachelor’s degree with honours in a relevant subject area, or equivalent as recognised by the Faculty;

      has completed the combined course for the degrees of Bachelor of Laws and Bachelor of Science of this University, or equivalent as recognised by the Faculty;

      has completed a Graduate Diploma in Forensic Science (Anthropology) within the past four years with an average mark of at least 70 per cent, or equivalent as recognised by the Faculty;

   (f) total number of points required for completion; **96**

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

   (h) delivery mode (i.e. Internal, external, multi-mode, online-only).

      Internal & external

      (i) 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.)

   (i) is any part of the course taught away from the Crawley campus? **Some labs are taught at the Harry Waring Marsupial Reserve.**

   (j) is any part of the course delivered by or taught in collaboration with another organisation? **If yes, please state the name and address of the other organisation. No**
(k) is honours available in this course? If yes, please explain how students undertake honours study. Study towards honours open to international students? No

(2) Please give a succinct summary of the academic objectives of the proposed new course/programme.

- To train students in the theoretical and practical techniques necessary for them to specialise in the discipline of forensic anthropology. This is especially important as there is a shortage of people (particularly within the United States & Europe) with these skills at a Master level.
- To promote original research of relevance to the discipline of forensic anthropology.
- To acquaint students with current developments in basic forensic sciences and particularly those medical and social sciences which are of direct relevance to the application to forensic anthropology.

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

Resulted in part from an internal review of course offerings & external review of the Centre for Forensic Science in 2006-7.

(4) 7 Does this course complement any major research activities and/or centres? YES

If yes, please elaborate

With the appointment of Dr. Daniel Franklin, an active researcher in forensic anthropology, the number of Master and PhD students doing research in this area is expected to grow. This programme will also complement the Forensic Odontology stream, as we already have a number of students pursuing research in this area.

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.

We anticipate 5 international and 3 local sufficiently qualified applications in the first year the course is offered.

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

We anticipate 2 international and 1 local applications would have otherwise applied for the Master in Forensic Science (FNSC64020). The new course should not impact on admission numbers for any courses offered outside of the Centre for Forensic Science.

3. Employment Outcomes

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

Western Australian Police and other national law enforcement agencies (e.g. Australian Defence Force; Australian Federal Police). Law enforcement generally employ graduates at this level into physical evidence areas. Graduates may also obtain employment in laboratories as research assistants, utilising the practical and research skills learnt during the course. Master level graduates may also expect placements within academic institutions. This is based on graduates in forensic science already securing jobs in these agencies.

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; We have sent a letter to the head of the School of Anatomy and Human Biology outlining the proposed course.
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 FORENSIC SCIENCE (ANTHROPOLOGY)**

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

   **Teaching and learning practices will follow those already established in the current CFS Master curriculum – the course is delivered and assessed using a diverse mixture of lectures, laboratory activities, fieldwork, practical exercises, essays, examinations and a substantial research project and thesis.**

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

   **All technologies required to support the teaching and learning practices are already in-place at CFS.**

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

   See point 4 (above).
students and graduates; We have consulted at length with current students and graduates about developing this course – the suggestions are all positive and have been incorporated.

c) employers and/or employer groups, and professional bodies; We have consulted extensively with the Western Australian Police, they are very interested in having members attend either the entire course or the practical sessions by audit.

d) other universities in WA which offer courses in similar fields; There are no other universities that teach similar courses within Western Australia.

e) leading universities in Australia and overseas which offer courses in similar fields; We have consulted with various universities both in Australia (JCU & ANU) and overseas (UTK; Bradford) that teach similar courses – we believe that our course is at the very least comparable to, or in fact superior, in its range of topics covered (both theoretically and practically) in the course.

(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. This course incorporates a selection of core units that are part of the Graduate Diploma in Forensic Science (FNSC50320). This is a complementary specialised programme.

(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 after they have been registered through the International Centre with CRICOS. Please ensure that you consult with the Director, International Centre about the suitability of a course for international students 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

(b) What fee per annum is proposed for international fee-paying students? $24,200 (2008) $26,000 (2009)

(2) (a) (Postgraduate coursework degrees/diplomas/certificates only) Is the course to be registered with DEST as available on a fee-paying basis to local students? YES

(b) If so, what fee is proposed? Please state: fee per annum, the total number of points and the fee per point. $12,321.60 per annum; 48 points; $256.70 per point.

(c) Please comment on consultations you have had with other institutions, both national and local, in determining that fee. The fee is already set by CFS in the existing programme.

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

The proposed Master in Forensic Science (Anthropology) complements both the University’s and the Faculty’s Strategic and Operational Priorities Plans; this is discussed at a theme level.

The Faculty’s Strategic Plan:
- Connectivity and Integration – Collaborating with other groups externally is a component of this course and assists with the ability to provide services in the community. This course will also be offered to International students, complementing the goal of International collaboration;
- The initiation of this new Master degree fits with the theme of ‘demonstrating flexibility by developing new and innovative courses’;
- Promote our uniqueness – we are the only Australian university offering a Master degree specialising in forensic anthropology. Provision of this degree will not only attract local and international students, but also draw applicants from other national institutions.

The Faculty’s Operational Priorities Plan reflects the missions of the University:
- Internationalisation – The degree is designed with the intention that international students, especially those living in South East Asia and the Middle East, will apply;
- Teaching and Learning – Units offered within the course incorporate the teaching/research nexus. The proposed Master degree also fully supports the University’s vision to advance, transmit and sustain knowledge and understanding through the conduct of teaching, research and scholarship at the highest international standards for the benefit of the Western Australia, Australian and international communities.
- Research and Training – The new degree has the potential to increase the number of higher degree students as well as promoting research in an area of community need with high social impact;
- Resource and Management – Increasing student numbers. Building further effective, strategic partnerships and alliances.
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)

  Faculty of ___________________________ ☐ Date __________
  Faculty of ___________________________ ☐ Date __________
  Faculty of ___________________________ ☐ Date __________

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

  School of ___________________________ ☐ Date __________
  School of ___________________________ ☐ Date __________
  School of ___________________________ ☐ Date __________

- 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 ___________________________ ☐ Date __________
  School of ___________________________ ☐ Date __________
  School of ___________________________ ☐ Date __________

- The Librarian ☐ Date 15/04/08

- Where the course proposed involves indigenous issues, the Dean of the School of Indigenous Studies (N/A) ☐ Date __________

- Where the course proposed is postgraduate and includes 66.6% or more research, the Pro Vice-Chancellor (Research and Research Training) (N/A) ☐ Date __________

- Executive Officer, Admissions Committee (for new undergraduate courses only) (N/A) ☐ Date __________

- Where the course proposed is to be available to international students, the Director, International Centre ☐ Date 15/04/08

Internal to the Faculty

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

  School of ___________________________ ☐ Date 15/04/08
  School of ___________________________ ☐ Date __________
  School of ___________________________ ☐ Date __________

- 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 ___________________________ ☐ Date __________
  School of ___________________________ ☐ Date __________
  School of ___________________________ ☐ Date __________

(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.
(3) Please confirm, by ticking the box, that the proposed course rules are attached. ☑
(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 and 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 Forensic Science (Anthropology)

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

Signature of Dean
Faculty of
Life and Physical Sciences

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 Forensic Science (Anthropology)

Signature of Director, International Centre (or delegate)
MASTER IN FORENSIC SCIENCE (ANTHROPOLOGY)
(5XXX)

Course type: Master's degree by research (thesis and coursework)

Include in: Postgraduate Handbook

Status: Current

Intake periods: All

Description:

This degree has been designed specifically to acquaint students with current developments in basic forensic sciences and particularly those medical and social sciences which are of direct relevance to the application to forensic anthropology. This degree is intended for student's wishing to undertake advanced studies in either a broad or specialist area of forensic anthropology. There is considerable diversity of research related to forensic anthropology, ranging from traditional morphometrics through to computer-graphic facial reconstruction. The degree comprises advanced units in the student's chosen field of study and a substantial research project.

Admission requirements:

A recognised bachelor's degree with honours; or completion of the combined course of Bachelor of Laws and Bachelor of Science (or equivalent); or completion of the Graduate Diploma in Forensic Science (Anthropology) within the past four years with an average of at least 70 per cent; and certification of police clearance and currency of tetanus protection.

Administration
Administered by (UWA only): Faculty of Life and Physical Sciences
Jointly with (non-UWA only): N/A

Course Details
Minimum credit points required: 96 points

Structure:

An approved course of advanced study to a maximum value of 96 to 99 points including the completion of a supervised research project. For more information on the course structure contact the Centre for Forensic Science or go to the web site at http://www.forensicscience.uwa.edu.au/.

Standard full-time completion: 2 years
Standard part-time completion: 4 years
Attendance type: full or part-time (international students may only study on a full-time basis). Student visa holders should read http://www.international.uwa.edu.au/studentnet/eso for more information.

Delivery mode: internal

Available to international students: Yes. For information on international student fees see 'Schedule 2: Fees'. (Enquiries: international@uwa.edu.au)

Locations Offered
Locations offered: UWA (Crawley)
Domestic fee type: RTS

Majors Minors
Majors available: Forensic Science (FORSC)
Minors available: N/A

Enquiries: Danielle Molan
Contact person: Danielle Molan
Position: Administrator
Phone/email: 6488 7286; danielle.molan@uwa.edu.au

Notes: 66 per cent of this course is devoted to research.
9.6.5 MASTER OF FORENSIC SCIENCE (THESIS AND COURSEWORK 51620, COURSEWORK AND DISSERTATION 51520)

Applicability of the University General Rules for Academic Courses
9.6.5.1(1) The rules in 1.1 and 1.2 of the University General Rules for Academic Courses in this handbook apply to the Master of Forensic Science except as set out in the rules which follow.

(2) University General Rules 1.3.1.24 to 1.3.1.63 apply to the thesis except that the thesis is not awarded with distinction.

Applicability of the Science Faculties' General Provisions
9.6.5.2 The Science Faculties' General Provisions in 9.6.1 apply to the course.

Articulation
9.6.5.3 The Graduate Diploma in Forensic Science articulates with the course.

Mode of Study
9.6.5.4 The course may be taken by way of—
(a) thesis and coursework; or
(b) coursework and dissertation.

Admission
9.6.5.5(1) The Faculty of Life and Physical Sciences may accept into the course for the degree of Master of Forensic Science by way of thesis and coursework an applicant who—

(a)(i) has a bachelor's degree with honours in a relevant subject area, or equivalent as recognised by the Faculty;

or

(ii) has completed the combined course for the degrees of Bachelor of Laws and Bachelor of Science of this University, or equivalent as recognised by the Faculty;

or

(iii) has completed a Graduate Diploma in Forensic Science within the past four years with an average mark of at least 70 per cent, or equivalent as recognised by the Faculty;

and

(b) has obtained certification of national police clearance;

and

(c) has obtained certification of currency of tetanus protection and has taken the necessary medical precautions to undertake studies in this subject area as specified in the information sheet available from the Centre for Forensic Science.

(2) The Faculty of Life and Physical Sciences may accept into the course for the degree of Master of Forensic Science by coursework and dissertation an applicant who—

(a)(i) has completed a Graduate Diploma in Forensic Science within the past four years with an average mark of at least 60 per cent, or equivalent as recognised by the Faculty;

or

(ii) has completed a bachelor's degree in a relevant subject area, or equivalent as recognised by the Faculty;

and

(b) has obtained certification of national police clearance;

and

(c) has obtained certification of currency of tetanus protection and has taken the necessary medical precautions to undertake studies in this subject area as specified in the information sheet available from the Centre for Forensic Science.

(3) The Faculty may accept into the course for the degree of Master of Forensic Science (Odontology) an applicant who—

(a)(i) has a bachelor's degree in dental science, or equivalent as recognised by the Faculty;
(ii) has completed the Graduate Diploma in Science with a specialisation in Odontology within the past four years with an average mark of at least 70 per cent, or equivalent as recognised by the Faculty;

and

(b) has obtained certification of national police clearance;

and

(c) has obtained certification of currency of tetanus protection and has taken the necessary medical precautions to undertake studies in this subject area as specified in the information sheet available from the Centre for Forensic Science.

(d) The Faculty of Life and Physical Sciences may accept into the course for the degree of Master of Forensic Science (Anthropology) by way of thesis and coursework an applicant who—

(a)(i) has a bachelor's degree with honours in a relevant subject area, or equivalent as recognised by the Faculty;

or

(ii) has completed the combined course for the degrees of Bachelor of Laws and Bachelor of Science of this University, or equivalent as recognised by the Faculty;

or

(iii) has completed a Graduate Diploma in Forensic Science (Anthropology) within the past four years with an average mark of at least 70 per cent, or equivalent as recognised by the Faculty;

and

(b) has obtained certification of national police clearance;

and

(c) has obtained certification of currency of tetanus protection and has taken the necessary medical precautions to undertake studies in this subject area as specified in the information sheet available from the Centre for Forensic Science.

Course Structure

9.6.5.6(1) The course by thesis and coursework consists of units to a total value of 96 or 99 points comprising—

(a) all units in Table 9.6.5(1) (Master of Forensic Science Core Units)—18 points

and

(b) units to the value of 15 points from Group A in Table 9.6.5(2) (Master of Forensic Science Options);

and

(c) at least one unit from Group B in Table 9.6.5(2) (Master of Forensic Science Options)—3 or 6 points

and

(d) all units in Group C in Table 9.6.5(2) (Master of Forensic Science Options)—24 points

and

(e) one of the following:

FNSC9640 Forensic Science Thesis (full-time) (36 points)
FNSC9641 Forensic Science Thesis (part-time) (36 points)

(2) The course by coursework and dissertation consists of units to a total value of 96 or 99 points comprising—
(a) all units in Table 9.6.5(1) (Master of Forensic Science Core Units)—18 points

and

(b) units to the value of 15 points from Group A in Table 9.6.5(2) (Master of Forensic Science Options);

(c) at least one unit from Group B in Table 9.6.5(2) (Master of Forensic Science Options)—3 or 6 points

and

(d) all units in Group C in Table 9.6.5(2) (Master of Forensic Science Options)—24 points

and

(e) the following unit:

FNSC8646 Forensic Science Dissertation Part 1 (12 points)
FNSC8644 Forensic Science Dissertation Part 2 (12 points)

and

(f) units of Level 3 or higher to the value of 12 points chosen in consultation with the Director of Forensic Science from the unit offerings of the Faculties of Life and Physical Sciences, Natural and Agricultural Sciences, Law, or the UWA Business School.

(3) The course for the Odontology specialisation (PG-ODONT) consists of units to a total value of 96 or 99 points comprising—

(a) all units in Table 9.6.5(1) (Master of Forensic Science Core Units)—18 points

and

(b) units to the value of 15 points from Group A in Table 9.6.5(2) (Master of Forensic Science Options);

and

(c) at least one unit from Group B in Table 9.6.5(2) (Master of Forensic Science Options)—3 or 6 points

and

(d) all units in Group D in Table 9.6.5(2) (Master of Forensic Science Options)—24 points

and

(e) one of the following:

FNSC9642 Forensic Science Thesis (Odontology) (full-time) (36 points)
FNSC9643 Forensic Science Thesis (Odontology) (part-time) (36 points)

(4) Case Study units FNSC8521, FNCS8522, FNSC8604 and FNSC8605 must be completed within two years.

(5) FNSC8504 Research Issues in Forensic Science 1 and FNSC8510 Research Issues in Forensic Science 2 must not be taken in the same semester.

(6) The course for the Anthropology specialization consists of units to a total value of 96 points comprising—

(a) all units in Table 9.6.5(1) (Master of Forensic Science Core Units)—18 points

and

(b) all units to a total value of 18 points listed below from Group A in Table 9.5.6(2).

FNSC8512 Forensic Archaeology I – Basic Theory and Method
FNSC8513 Forensic Archaeology II – Advanced Theory and Method
FNSC8514 Forensic Anthropology II – Advanced Theory and Method
FNSC8515 Molecular Osteology
FNSC8516 Forensic Odontology and Introductory Osteology

and

(c) the units in Group C in Table 9.6.5(2) (Master of Forensic Science Options)—12 points

and
(d) the following:

FNSC9XXX  Forensic Science Thesis (Anthropology) (48 points)

(2) Case Study units FNSC8521, FNCS8522, FNSC8604 and FNSC8605 must be completed within two years.

(3) FNSC8504 Research Issues in Forensic Science 1 and FNSC8510 Research Issues in Forensic Science 2 must not be taken in the same semester.

Credit

9.6.5.7(1) In the case of a student other than one admitted to the course under the provisions of Rule 9.6.5.5(2)(a)(i), the Faculty may grant credit towards the course for units to a maximum value of 12 points.

(2) Credit may be granted on the basis of—

(a) coursework completed as part of an approved course at this or another recognised tertiary institution;

(b) subject to (3), coursework completed through Continuing Education at this University in or after 1995;

and/or

(c) subject to (4), work completed in courses provided by professional providers or private educational institutions.

(3) Credit granted in respect of work described in (2)(b) must not exceed six points.

(4) Credit granted in respect of work described in (2)(c) must not exceed six points.

[Approved exceptions to University General Rule 1.2.1.12]

9.6.5.8 In the case of a student admitted to the course under Rule 9.6.5.5(2)(a)(i), the Faculty may grant credit for core units and not more than one Special Topics unit listed in Group B in Table 9.6.5(2) (Master of Forensic Science Options) in which the student has attained a mark of at least 50 per cent in the initial examination.

Substitution

9.6.5.9 The Faculty, having regard to the recommendation of the Director of the Centre for Forensic Science, may permit a student to substitute for one or more of the units listed in Rules 9.6.5.6(1) and (2) other relevant units to a maximum value of 18 points, offered in this University or in any comparable course in another recognised institution.

[Approved exception to University General Rule 1.2.1.14A]

Award of Graduate Diploma in Forensic Science

9.6.5.10 A student who withdraws from the Master of Forensic Science by thesis and coursework before qualifying for the degree but after satisfying the requirements for the Graduate Diploma in Forensic Science may apply to the Faculty to take out the diploma.

Note: A student who wishes to exit from an RTS course and take out a relevant lesser qualification must normally pay the difference between the fee charged for the course leading to the lesser qualification and the funding received by the University under the RTS in respect of that student, where the RTS funding received is less than the fee charged. This is payable before the lesser qualification can be granted.

Award of Graduate Certificate in Forensic Science

9.6.5.11 A student who withdraws from the course after completing the requirements for the Graduate Certificate in Forensic Science may apply to the Faculty to be awarded the certificate.

Table 9.6.5(1)—Master of Forensic Science Core Units

All units have a value of three points unless otherwise stated.

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNSC8504</td>
<td>Research Issues in Forensic Science 1</td>
</tr>
<tr>
<td>FNSC8510</td>
<td>Research Issues in Forensic Science 2</td>
</tr>
<tr>
<td>FNSC8511</td>
<td>Ethics and Research Methods in Forensic Science</td>
</tr>
<tr>
<td>FNSC8551</td>
<td>Instrumentation (Chemical Instrumentation)</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>FNSEC8562</td>
<td>Forensic Anthropology</td>
</tr>
<tr>
<td>FNSEC8564</td>
<td>DNA</td>
</tr>
</tbody>
</table>

**Table 9.6.5(2)—Master of Forensic Science Options**

All units have a value of three points unless otherwise stated.

**Group A**
- FNSEC8503  Forensic Pathology
- FNSEC8512  Forensic Archaeology I—Basic Theory and Method
- FNSEC8513  Forensic Archaeology II—Advanced Theory and Method
- FNSEC8514  Forensic Anthropology II—Advanced Theory and Method
- FNSEC8515  Molecular Osteology
- FNSEC8516  Forensic Odontology and Introductory Osteology
- FNSEC8552  Soils and Taphonomy
- FNSEC8553  Electron, Light and Laser Microscopies
- FNSEC8554  Forensic Image Processing
- FNSEC8561  Forensic Entomology
- FNSEC8563  Botanical Evidence

**Group B**
- FNSEC8505  Special Topics in Forensic Science 1
- FNSEC8506  Special Topics in Forensic Science 2

**Group C**
- FNSEC8521  Case Study Part 1 (6 points)
- FNSEC8522  Case Study Part 2 (6 points)
- FNSEC8604  Case Study Part 1 (6 points)
- FNSEC8605  Case Study Part 2 (6 points)

**Group D**
- FNSEC8523  Case Study (Odontology) Part 1 (6 points)
- FNSEC8524  Case Study (Odontology) Part 2 (6 points)
- FNSEC8606  Case Study (Odontology) Part 1 (6 points)
- FNSEC8607  Case Study (Odontology) Part 2 (6 points)
New Unit Proposal: Forensic Science Thesis (Anthropology)

Dear Professor Stewart,

I would like Faculty to consider the above unit for inclusion in the postgraduate programme offered by the Centre for Forensic Science.

This unit is designed to provide students with practical experience in independent scientific experimentation and research through the completion a project of direct relevance to forensic anthropology. Students will develop scientific writing skills by compiling a substantial scholarly thesis on their research topic. The unit will acquaint students with current developments in basic forensic sciences and particularly those medical and social sciences which are of direct relevance to the application to forensic anthropology.

I have prepared the various regulations and checklists for the new unit; the required documentation is attached. The style of this unit has as its precedence those already on offer within the Centre for Forensic Science.

Yours sincerely,

Daniel Franklin
PROPOSALS FOR NEW UNITS

Core Questions for Checklists used by Faculties
All faculties must include the questions below in their checklists for new units. Faculties may add other questions as they see fit.

1. Unit Details

(1) Please provide the following information:

(a) the proposed name of the unit; *(The character allowance for unit titles in Callista is 100 for long, 40 for short and 20 for abbreviated.*)

Forensic Science Thesis (Anthropology)

(b) the proposed point value of the unit *(NB. By Council Resolution 110/02, all units must have a points value of 6 unless granted exemption;)*

48 point unit

(c) a very brief description, not exceeding one line in length, of the content/area of the unit;

Research thesis in the discipline of forensic anthropology

(d) the names of the degree, diploma and/or certificate courses in which you intend to offer the unit;

Master of Forensic Science (Anthropology) FNSC5XXX

(e) the proposed quota on intake to the unit, if any, and the nature of the constraint on intake.

No proposed quota on intake

(2) Please give a succinct summary of the academic objectives of the unit.

This unit is designed to provide students with practical experience in independent scientific experimentation and research through the completion of a project of direct relevance to forensic anthropology. Students will develop scientific writing skills by compiling a substantial scholarly thesis on their research topic.

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

This is not applicable as this unit encompasses independent research and thesis writing. Students will be supervised by Dr Daniel Franklin and/or a suitably qualified academic or industry partner.

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

All technologies required to support the teaching and learning practices are already in-place at CFS.

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

See point (4) above

(6) Please indicate whether the unit is the outcome of a school, course or other review.

Resulted from an internal review of course offerings and review of the Centre for Forensic Science.

(7) Please advise whether the unit utilises any material from existing units. If so, please provide details.

N/A

(8) Please advise whether the unit is to be offered within standard semester dates. (If it is not, please attach a proposal form for a non-standard semester unit.)

The unit will be offered within standard semester dates.

(9) Please advise whether lecture outline has been provided.

This is not applicable as this unit encompasses independent research and thesis writing.

2. Demand

(1) What are the estimated annual enrolments? 5

(2) How has the estimate in (1) been arrived at?

Based on the average number of students currently enrolled in the standard forensic science thesis unit (FNSC9960) who are doing projects in the discipline of forensic anthropology. This number is likely to increase once the proposed Graduate Diploma in Forensic Science (Anthropology) programme is introduced.

(3) From which other units are students likely to move?

Only from the current CFS programme.
3. **Assessment**  

(1) Please advise how many examinations there will be for the unit and how long each will last. (Note: By Academic Council R16/94 the Examinations Office administers only standard examinations of 2 or 3 hours duration).

**Assessment is based on the examination of a written thesis by two experts in the student's field of research. The examiners will evaluate the extent to which the thesis represents substantial work based on independent research; demonstration of sound knowledge of the subject area; independence of thought; and their ability to convey information in a clear and concise language.**

(2) If you do not propose to use more than one means of assessment for this unit (as recommended in the University's Guidelines on Assessment [http://www.secretariat.uwa.edu.au/home/policies/assessment]), please explain the reason for this.

**This is not applicable as this unit encompasses independent research and thesis writing only.**

4. **Grading Scheme for Unit**  

(1) Schools are required to ensure that final results¹ for units in courses at all levels be produced as both percentage marks and letter grades wherever possible. However, a number of categories of unit² are exempt from this requirement. The following exemptions categories are pertinent for this checklist.

(i) units where the involvement of external assessors makes it difficult to compare students' performance in an equitable manner and provide appropriately graded results for the units (for example, in-country units, cross-institutional enrolments and practicum units);

(ii) units involving group activity where the contribution of individual students cannot be distinguished (for example, participation in the University Chorale/Orchestra compulsory field tours);

(iii) specific skill-acquisition only units, which may be taken to be completed merely by attendance and participation (for example, use of medical equipment, legal skills such as negotiation and mediation).

(2) Please indicate if it is intended that the result for the unit be recorded as an ungraded pass or ungraded fail only.

**YES/NO** (Please delete as appropriate) **YES**

(3) If the answer is YES please indicate into which of the categories of exempt units listed above the unit belongs. (i) above

¹Results for supplementary assessment are recorded as Ungraded Pass or Ungraded Fail and the original mark remains. See University General Rule 1.2.1.26(3).


5. **Resource-related matters**  

(1) Please advise whether all the costs of the unit (e.g. including, if appropriate, those associated with teaching at the Albany Centre such as Library/computer software resources) will be met from school resources or whether the proposal is the subject of application for other funding (e.g. University Initiatives Fund).

**All associated costs will be met by the Centre for Forensic Science.**

(2) Please indicate whether the school intends to suppress another unit to release resources for this one.

**The proposed unit is not replacing any other units currently offered.**

(3) Please name the staff members who are able to teach the unit.

**The unit will be co-ordinated by Dr Daniel Franklin; any other suitably qualified academic or industry partner can co-supervise student research projects.**
Please confirm that you have attached a completed Library Consultation Form.
The library was consulted in 2007 when the new specialised anthropology units were introduced into the CFS programme. The librarian confirmed that adequate resources are already in-place to accommodate the new units leading to the specialised anthropology programmes.

Will the introduction of this unit give rise to any accommodation needs other than standard lecture theatres, tutorial rooms or laboratory space (e.g. office space, new kinds of laboratory space) which cannot be met from the School’s/Faculty’s existing space allocation? Please ensure that your understanding is consistent with that of the Dean.

The proposed unit will not give rise to any accommodation needs other than those already available to the Centre for Forensic Science.

If YES, please confirm that you have attached a completed Accommodation Planning Form (http://www.secretariat.uwa.edu.au/home/policies/courseunit/proposals).

Will there be any ancillary student fees/charges associated with this unit? If so, please confirm that you have submitted details of these to the Dean.
(See http://www.teachingandlearning.uwa.edu.au/lts4/for_uwa_students2/policies/asfc3)

There will be no ancillary fees associated with this unit.

6. Consultation

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

(a) heads of schools in cognate areas, which may have an interest in the unit content;
We have sent a letter to the head of the School of Anatomy and Human Biology outlining the proposed unit.

(b) students and graduates;
We have consulted at length with current students and graduates about developing this unit – the suggestions are all positive and have been incorporated into the unit.

(c) employers and/or employer groups and professional bodies;
We have consulted extensively with the Western Australian Police. They are very interested in having suitably qualified members attend by audit.

(d) other universities in WA which teach similar units;
There are no other universities that teach similar units within Western Australia.

(e) other leading universities in Australia or overseas which teach similar units.
We have consulted with various universities both in Australia (JCU & ANU) and overseas (UTK; Bradford) run a similar Master programme by thesis – we believe that our unit is at the very least comparable to, or in fact superior, in the range of topics we can cover (both theoretically and practically) in directing student research.

7. Information Flow

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:

- The Deans of all faculties involved, either through offering the unit in their degrees, or through resourcing your school.

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<th>Faculty of</th>
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<td>Life and Physical Sciences</td>
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- The Head of any school which teaches in a cognate area (specify below).

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<td>Date</td>
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§ Confirmation by Head of School

I confirm that the process leading to the proposal for the introduction of

Forensic Science Thesis (Anthropology)

has included appropriate consultation with all other schools, both internal and external to the faculty, with a potential interest in the proposed unit and that the proposed unit will not overlap significantly with any existing unit.

Have any objections to this proposal been raised during the consultation process?

NO

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

Signature of Head

[Signature]

Centre for Forensic Science

School of

[Signature]

University Secretariat
June 2008
(New_Unit_Checklist)
14 April 2008

Professor George Stewart
Dean
Faculty of Life and Physical Sciences
M011

Dear George

Proposal to Reinstate the Master of Psychology (Clinical Neuropsychology)/PhD Program

The School of Psychology at UWA has, at different times, offered two separate professional training programs in applied Clinical Neuropsychology. Beginning in 1999, a Master of Psychology (MPsych) in Clinical Neuropsychology was offered, both as an independent course, and as a part-time option in combination with a PhD. This program was successful and has produced around 15 graduates. However, some concern from within the school, as well as community partners, developed specific to local job placement for graduates of this program. Specifically, as Clinical Neuropsychology had only recently been introduced to Western Australia, potential employers were not adequately informed about the profession and often described and posted positions for Clinical Psychologists that would actually be most appropriate for Clinical Neuropsychologists. Thus, graduates from our existing MPsych program were not considered eligible for these positions, and often took positions interstate. This concern was a primary impetus in the withdrawal of the MPsych and subsequent 2005 proposal for a new training program, the Doctor of Psychology (DPsych) in Clinical Psychology and Clinical Neuropsychology.

The DPsych program was designed to provide a sufficient breadth of training over three years to allow for dual proficiency in both applied areas (as indicated by eligibility for Specialist Title in each area from the WA Psychologists Registration Board and membership eligibility in each relevant College with the Australian Psychological Society). The DPsych program has attained conditional APS accreditation, and is attractive to students (e.g., six students have accepted offer for the 2008 intake, matching current projections for the program). While the DPsych program succeeded and has many strengths, it has become clear that having this program as the sole training program in Clinical Neuropsychology does not meet the needs of our students or community partners let alone our own research agenda. Specifically, while the DPsych provides high-quality training for applied clinicians, the research component of this course is inadequate to train full-time academics.
or career researchers with a focus in Clinical Neuropsychology. That is, students who wish to pursue such a career path must turn elsewhere for such training, and there are currently no other universities within WA that offer such training. Similarly, community partners wishing to recruit such individuals must do so from outside WA.

In summary, the current option of only a single training program in Clinical Neuropsychology is inadequate to meet the needs of the community and prospective students. In addition, local employment of our graduates, a primary impetus for the change from a single MPych offering to a single Dpsych offering, is a problem that has largely been resolved. We feel it is now time to provide students with a greater choice of training options to meet the needs of the community and future employers. We seek to achieve this through a re-instatement of the MPych (Clinical Neuropsychology) degree which will be taken in conjunction with the PhD. The structure for this program currently exists in the Clinical, Educational and Industrial/Organisational Psychology streams of the MPych degree.

Specifically, we propose the reinstatement of an MPych program, **to be offered in conjunction with the PhD**, resulting in two tracks providing specialist training in Clinical Neuropsychology (i.e., DPsych & MPych/PhD) being offered by the School:

- **A primarily Applied Track**: This option is addressed through the currently offered DPsych program in Clinical Psychology and Clinical Neuropsychology. This program provides high quality training for students wishing to pursue training that prepares them for positions requiring Clinical Neuropsychological skills, augmented by a solid grounding in Clinical Psychology. The training is designed to provide dual qualifications, such that graduates are eligible for a range of job opportunities. This program has attained conditional APS accreditation, is popular with students, and no significant changes are expected. Therefore, no further action is needed for this option.

- **A primarily Academic/Research Track**: This option would be addressed through reinstatement of the previous MPych program in Clinical Neuropsychology in combination with the PhD. This program would offer specialist training in Clinical Neuropsychology only, designed to meet eligibility requirements for single Specialist Title and APS College membership. In addition, the PhD level research training would prepare students for academic and research focused careers. Therefore, this program would be appropriate for students with a goal of primary research/academic positions. This program was previously APS accredited and popular with students.

It is the opinion of the school that the primary training need to be addressed is applied training in **combination with** the higher level research training provided by concurrent completion of the PhD. Given the issues relevant to local hiring practices, individuals intending to work in applied positions would be better served with the dual training provided by the current DPsych. Therefore, the school would not offer the Mpsych as a free standing degree, but require concurrent enrollment in the PhD.
Summary of reinstatement of the MPsyche/Ph.D in Clinical Neuropsychology

Expected intake:
- 2-4 annually in addition to the Dpsych students; the total intake into both programs will be monitored to ensure adequate resources for all students

Coursework:
- All units required for the program are subsumed within the current DPsych program. Therefore, no new units specific to this program would be required. Intake of students would be monitored as described above to ensure appropriate class sizes.
- A summary of the units required in the course is attached.

Practical placements and research requirements:
- Existing placements are adequate for the additional students
- There is adequate staffing for provision of PhD supervision

APS accreditation:
- The existing DPsych has provisional APS accreditation.
- The MPsyche/PhD has previously held APS accreditation, but re-accreditation will be sought upon reinstatement of the program

Expected impact on School and resources:
- No new units needed, total class size and use of community resources kept at a sustainable level though monitoring total student intake into both programs. Given the small number of students, and the proposed MPsyche structure that includes no new teaching, there should be no impact on teaching resources. Indeed, the addition of students to the Neuropsychology program would make them more viable and efficient.
- Increased choice for students is expected to produce a larger number of high-quality applicants to these programs
- Targeted and appropriate training is likely to increase student satisfaction, as well as provision of highly trained professionals to our community stakeholders.
- The PhD completion rate of students previously in the combined MPsyche/PhD program was around 80%. This is substantially higher than the completion rate for the general PhD. Consequently we anticipate considerable benefit will be derived by the School, the Faculty and the University in terms of completed higher degree by research enrolments.
STRUCTURE FOR MPSYCH (Clinical Neuropsychology)

72
(96 POINTS TOTAL)

PSYC8566 Psychopathology and Clinical Problems (6 points)
PSYC8510 Evaluation and Research Methodology (6 points)
PSYC8552 Assessment (6 points)
PSYC8592 Neuropsychological Assessment (6 points)
PSYC8591 Neuropsychopathology (6 points)
PSYC8587 Clinical Health Psychology (6 points)
PSYC8541 Theories & Disorders (6 points)
PSYC8595 Plasticity and Rehabilitation (6 points)
PSYC8665 Topics in Neuropsychology (6 points)
ANHB2217 Human Neurobiology (6 points)

Full Year Units:
PSYC9913 & PSYC9903 Placement Sequence A (6 points) Internal prep & sem 2 external Plus Case Conf
PSYC9914 & PSYC9904 Placement Sequence B (6 points) Ext placements in sem 1 & 2 plus Case Conf
PSYC8613 & PSYG8610 Research-Dissertation (24 points)

Yours faithfully

David Morrison
16 April 2008

Jenny Gamble  
Faculty Manager  
Faculty of Life and Physical Sciences  
M011

Dear Jenny,

I am writing a brief note to you as a follow-up on our conversation earlier today. In our discussion you indicated to me that you felt we hadn’t made our case as to why the MPsych in Clinical Neuropsychology (here after referred to as the MPsych) should not be offered as a stand alone degree. There are two sides to our interests in Clinical Neuropsychology; the professional and the academic and the MPsych on its own serves neither in the way that we would like. Our reasons are as follows:

- In its previous incarnation, from the feedback we received, the MPsych did not seem to meet the professional requirements of the graduates. Its focus was too narrow for the roles that they were expected to take up as professionals. The skills the students seemed to lack were those gained by students completing the Clinical Psychology stream of the Master of Psychology degree. As a result we developed the DPsych in Clinical and Clinical Neuropsychology. This is a three year program and, as indicated by the College of Neuropsychologists representative in our recent program review, it is more suited to the professional requirements of contemporary Clinical Neuropsychologists. His comment was “...its hard to justify delivering a narrowly focussed program such as the Mpsych for practitioner oriented Neuropsychologists”

- Although the MPsych did not quite deliver what we intended as a standalone program for professionals, when combined with the PhD it did provide a thorough grounding in the knowledge, methods and techniques necessary for pursuing a research career in the area. Indeed the combined MPsych/Phd in Neuropsychology was very successful in producing PhD graduates. I believe the completion rate to be around the 80% mark which is way in excess of the University average.

- The unintended consequence of suppressing the MPsych was that we also have not had enrolments in the standalone PhD in the Neuropsychology area to the same extent as previously. Indeed you could say the PhD enrolments in this area have been decimated.
• We have a steady stream of students who wish to pursue research in the Neuropsychology area and a restoration of the MPsyCh/PhD would enable us to train academic researchers in this specialty area of Psychology.

• Neuropsychology as a profession and Neuropsychological research is a significant growth area for Psychology and the best way for us to train students to participate in the professions is to have training tailored appropriately. The stand alone MPsyCh suits neither the practitioner nor the academic.

In light of the above I hope that our proposal to offer the MPsyCh/PhD combination will be supported by the Faculty.

Yours faithfully

[Signature]

David Morrison
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/internall

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 Psychology program in Clinical Neuropsychology

   (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):

   MPsych (Clinical Neuropsychology)

   (c) the proposed annual intake to the course or programme (in student numbers): 2-4

   (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 Master's 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 NO

   (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.

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

   (f) entry requirements; completion of an accredited four-year sequence in Psychology

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

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

   (i) delivery mode (i.e. Internal, external, multi-mode, online-only). Internal for all components with the exception of some externally based practical placements.

   (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. However, community agencies (e.g., hospitals and mental health treatment centres) provide supervision for practical placements, similar to the other applied psychology programs.

   (k) is any part of the course delivered by or taught in collaboration with another organisation?

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

   As described above some practical placements will occur in multiple community agencies
(hospitals, mental health treatment centres). Examples include, but are not limited to, Royal Perth Hospital, the Neurosciences Unit at Graylands, Osbourne Lodge, and Princess Margaret Hospital. Specific placement sites vary over time due to agency availability and specific student training needs; therefore a list of all agencies providing such placements is not possible.

(!) is honours available in this course? If yes, please explain how students undertake honours study. is study towards honours open to international students? Postgraduate program. Not applicable.

(2) Please give a succinct summary of the academic objectives of the proposed new course/programme.

This program includes training in applied Clinical Neuropsychology skills. This is important as there has been an identified shortage in qualified clinical neuropsychologists in WA. Based on this identified shortage, the Health Department has entered into a service agreement with the School of Psychology to support postgraduate training in Clinical Neuropsychology. The MPsyCh is meant to provide graduates with entry-level skills in Clinical Neuropsychology sufficient to ensure eligibility for Membership of the Australian Psychological Society College of Clinical Neuropsychologists, and Specialist Title in Clinical Neuropsychology from the Psychologists Board of Western Australia (note: each agency requires an additional period of two years supervised practice postgraduation in order to practice independently).

Of note, consultation with community partners and potential employers has indicated that job applicants with applied training at the MPsyCh level alone have not been viewed favourably, and subsequently have had difficulty with securing positions locally. There has been a community standard of preferring candidates with either additional training in clinical psychology, OR higher level training in advanced research skills. The School of Psychology currently offers a Doctor of Psychology degree in Clinical Neuropsychology and Clinical Psychology to meet the first set of needs. We believe the best way to meet the second set of training needs is to offer the MPsyCh (Clinical Neuropsychology) only IN COMBINATION WITH the Ph.D. That is, the MPsyCh alone does not meet community and student needs, and should therefore only be offered concurrently with the Ph.D.

The Ph.D. component is meant to provide the intensive higher-level research training. This training will prepare graduates for positions that require greater breadth and depth of knowledge in research methodology. A strength of this combination is the opportunity for students to integrate the knowledge and skills associated with each component of the course (applied and research): this is consistent with the goals and strengths of the scientist-practitioner model of clinical training.

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

Coursework components will provide didactic, experiential, and interactive approaches to provide a thorough grounding in the theoretical knowledge and applied skills required to practice as a Clinical Neuropsychologist (following the two-year supervised practice period that occurs after graduation described above).

Practicum placements provide intensive supervised opportunities to utilize the knowledge and skills learned in the coursework component. Students provide neuropsychological services to community patient populations under the supervision of an appropriately qualified clinician. They are provided additional training and receive feedback regarding their competencies while on placement. Field supervisors provide formal evaluations of student performances that are reviewed with students and the designated practicum coordinator.

The Ph.D. thesis component involves completion of an independent program of research completed by the student while under supervision. Regular supervision, mentoring and feedback occurs as common to all Ph.D. level training.

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

None

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

N/A
(5) Please indicate whether the proposal is the outcome of a school, course or other review.

This programme was previously offered by the School of Psychology, but withdrawn due to a number of circumstances outlined in the associated proposal. An informal internal school review and requests from a number of students and community partners have contributed to the proposed reinstatement of this MPsyCh.

(7) Does this course complement any major research activities and/or centres? ☑ Yes ☐ No (If yes, please elaborate)

While the neurosciences area is not formally established as a centre at UWA, it is a major area of research within the School of Psychology as well as the greater UWA community, with active neurosciences research occurring across all three Faculties. Implementation of this program will contribute to neuroscience research productivity at UWA by increasing the number of higher research degree students completing research activities relevant to this area.

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.

20 Australian, 10 international. This number is total for BOTH Clinical Neuropsychology degrees (the current Doctor of Psychology (DPsych) as well as the proposed MPsyCh/Ph.D). It is expected that a smaller, but still significant number of students will prefer the MPsyCh/Ph.D., perhaps 6-8 Australian and 4-5 International applicants, although as both options have not previously been offered simultaneously, these numbers are necessarily speculative.

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

Informal feedback from students suggest minimal or no expected impact. Specifically, students interested in this combination have had to look elsewhere (outside WA) for this type of training and likely would not have enrolled in our other applied programs. A number of students have opted for the Ph.D. alone. These students would likely have still enrolled in the Ph.D. and completed the MpsyCh in combination.

3. Employment Outcomes

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

As described in the associated proposal, it is expected that students who opt for the MPsyCh/Ph.D. rather than the DPsych, would be more likely to have an employment goal of academic or research positions. Alternatively, some students who opt for the MPsyCh/Ph.D. would be appropriate for applied positions with a significant portion of duties devoted to research skills (e.g., program evaluation). This information is based on informal discussions with current and past students, potential students, and community partners.

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; As this is a reinstatement of a previously existing course, additional consultation was not pursued.

(b) students and graduates; As described above, informal consultation took place with current students, former students, and potential students (e.g.,
Psychology undergraduates and course applicants).

(c) employers and/or employer groups, and professional bodies; There is a formal Consultation/Liaison committee associated with postgraduate training in clinical neuropsychology that includes community partners and potential employers. Members of this committee have been consulted on multiple occasions.

(d) other universities in WA which offer courses in similar fields; No other Universities in WA offer postgraduate training in Clinical Neuropsychology

(e) leading universities in Australia and overseas which offer courses in similar fields; The MPsych/PhD was initiated in 1999, and at that time conversations occurred with relevant individuals from several other Australian Universities offering postgraduate training in Clinical Neuropsychology. As such training at UWA has changed and developed since that time similar consultations with appropriate institutions in Australia have continued.

(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.

Not applicable

(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.

No similar offerings exist in WA

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

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

YES / NO

(b) What fee per annum is proposed for international fee-paying students? Standard MPsych fees

(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

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

(c) Please comment on consultations you have had with other institutions, both national and local, in determining that fee. No consults, standard MPsych fee applies

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.
Checklist for Proposal for a New Course or Program: Attachment for Question 6

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

1. **"Identify and develop coursework Master’s programs"**
Comment: This Objective specifically identifies a strategy of increasing the number of coursework Master’s programs in the faculty. Implementation of the proposal would directly contribute to this objective. Further, such new programs are meant to “...meet National and State needs in relation to skill shortages...” The Health Department has identified a shortage of Clinical Neuropsychologists in WA, and has specifically targeted this shortage by provision of funding to the School of Psychology to assist in the staffing of postgraduate training in Clinical Neuropsychology. Additionally, through consultation with current and prospective students, community partners and potential future employers, we have identified a need for a specific option that includes training in advanced research skills. In summary, the proposed MPsych, when completed concurrently with the Ph.D., fits very well with the OPP objectives and strategies in this area by providing a Master’s level program in an area with a clearly identified skill shortage.

2. **"To improve the student experience"**
Comment: This objective specifies a strategy of improving the postgraduate student experience. The proposed program was identified as desirable for reinstatement through consultation with former, current, and prospective students. Providing students with more choice and courses targeted to teach skills required by potential future employers in the relevant field is likely to be experienced as a favourable outcome for both postgraduate students and community partners.

3. **"Increase number of international higher degree research candidates across the Faculty"**
Comment: Implementation of this proposal would increase the attractiveness of the Ph.D. for a number of international students by pairing it with a Master’s program that provides applied training in a burgeoning clinical field; specifically, Clinical Neuropsychology. Of particular relevance to our region, there is a dearth of postgraduate training in Clinical Neuropsychology in Southeast Asia, and we have had expressions of interest from international students in this degree combination from countries including Singapore and Malaysia.
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.

  - Faculty of ____________________________    □ Date ____________________
  - Faculty of ____________________________    □ Date ____________________
  - Faculty of ____________________________    □ Date ____________________

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

  - School of ____________________________    □ Date ____________________
  - School of ____________________________    □ Date ____________________
  - School of ____________________________    □ Date ____________________

- 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 ____________________________    □ Date ____________________
  - School of ____________________________    □ Date ____________________
  - School of ____________________________    □ Date ____________________

- The Librarian    □ Date ____________________

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

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

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

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

**Internal to the Faculty**

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

  - School of ____________________________    □ Date ____________________
  - School of ____________________________    □ Date ____________________
  - School of ____________________________    □ Date ____________________

- 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 ____________________________    □ Date ____________________
  - School of ____________________________    □ Date ____________________
  - School of ____________________________    □ Date ____________________

(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.
(3) Please confirm, by ticking the box, that the proposed course rules are attached. □

(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

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

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
(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

Signature of Director, International Centre (or delegate)
11.3.3 DOCTOR OF PHILOSOPHY (00890) AND MASTER OF PSYCHOLOGY (52590/51590)

Note: Students undertaking the Master of Psychology (Clinical) or Master of Psychology (Educational and Developmental Psychology) must enrol in course code 52590. Students undertaking the Master of Psychology (Industrial and Organisational Psychology) must enrol in course code 51590.

Applicability of the University General Rules for Academic Courses

11.3.3.1(1) The rules in 1.1 and 1.3 of the University General Rules for Academic Courses in this handbook apply to the Master of Psychology except as set out in the rules which follow.

(2) The rules in 1.1 and 1.3 of the University General Rules for Academic Courses in this handbook apply to the Doctor of Philosophy except as set out in the rules which follow.

Admission

11.3.3.2 The Board of the Graduate Research School and the Faculty of Life and Physical Sciences may accept into the combined course for the degrees of Doctor of Philosophy and Master of Psychology an applicant who—

either

(a) has had a PhD proposal approved by the Board of the Graduate Research School;
or

(b) has an honours degree of at least 2A level or equivalent.

Submission of Research Proposal and Thesis

11.3.3.3(1) A student who is permitted to enrol in terms of Rule 11.3.3.2(a) must submit a full research proposal to the Board of the Graduate Research School no later than 31 October in the year of their commencement of candidature if enrolled full-time or within nine months of their date of commencement if enrolled part-time.

(2) A student must, before submission of the thesis for the degree of Doctor of Philosophy, complete the Master of Psychology component set out in Rule 11.3.3.4.

Master of Psychology Component

11.3.3.4 The Master of Psychology component consists of units to the value of 72 to 76 points comprising—

(a) for the Clinical Psychology programme, all of the following:

All units have a value of six points unless otherwise stated.

PSYC8510 Evaluation and Research Methodology I
PSYC8552 Assessment
PSYC8575 Internal Practicum Part 1 (3 points)
PSYC8564 Internal Practicum Part 2 (3 points)
PSYC8565 External Practicum
PSYC8566 Psychopathology and Clinical Problems
PSYC8567 Clinical Health Psychology
PSYC8568 Adult and Child Psychotherapy 1
PSYC8569 Adult and Child Psychotherapy 2
PSYC8661 Specialist Topics
PSYC8667 Internal Practicum Part 1 (3 points)
PSYC8662 Internal Practicum Part 2 (3 points)
PSYC8663 External Practicum
PSYC8664 External Practicum

Or
(a) for the Clinical Neuropsychology programme, all of the following:
All units have a value of six points unless otherwise stated.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>PSYC8566</td>
<td>Psychopathology and Clinical Problems</td>
</tr>
<tr>
<td>PSYC8510</td>
<td>Evaluation and Research Methodology</td>
</tr>
<tr>
<td>PSYC8552</td>
<td>Assessment</td>
</tr>
<tr>
<td>PSYC8592</td>
<td>Neuropsychological Assessment</td>
</tr>
<tr>
<td>PSYC8591</td>
<td>Neuropsychopathology</td>
</tr>
<tr>
<td>PSYC8567</td>
<td>Clinical Health Psychology</td>
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<tr>
<td>PSYC8541</td>
<td>Theories &amp; Disorders</td>
</tr>
<tr>
<td>PSYC8595</td>
<td>Plasticity and Rehabilitation</td>
</tr>
<tr>
<td>PSYC8665</td>
<td>Topics in Neuropsychology</td>
</tr>
<tr>
<td>ANHB2217</td>
<td>Human Neurobiology</td>
</tr>
<tr>
<td>PSYC9913</td>
<td>Placement Year 2 Part 1 (3 points)</td>
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<tr>
<td>PSYC9903</td>
<td>Placement Year 2 Part 2 (3 points)</td>
</tr>
<tr>
<td>PSYC9914</td>
<td>Placement Year 3 Part 1 (3 points)</td>
</tr>
<tr>
<td>PSYC9903</td>
<td>Placement Year 3 Part 2 (3 points)</td>
</tr>
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</table>

(b) for the Educational and Developmental Psychology programme, all of the following:
All units have a value of six points unless otherwise stated.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC8510</td>
<td>Evaluation and Research Methodology I</td>
</tr>
<tr>
<td>PSYC8519</td>
<td>Evaluation and Research Methodology II</td>
</tr>
<tr>
<td>PSYC8551</td>
<td>Theories of Learning and Development</td>
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<tr>
<td>PSYC8552</td>
<td>Assessment</td>
</tr>
<tr>
<td>PSYC8553</td>
<td>Exceptional Development</td>
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<tr>
<td>PSYC8554</td>
<td>Selected Topics 1</td>
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<tr>
<td>PSYC8558</td>
<td>Educational and Developmental Practicum 1 Part 1 (3 points)</td>
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<tr>
<td>PSYC8556</td>
<td>Educational and Developmental Practicum 1 Part 2 (3 points)</td>
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<tr>
<td>PSYC8557</td>
<td>Educational and Developmental Practicum 2</td>
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<tr>
<td>PSYC8651</td>
<td>Selected Topics 2</td>
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<td>PSYC8652</td>
<td>Selected Topics 3</td>
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<tr>
<td>PSYC8656</td>
<td>Educational and Developmental Practicum 3</td>
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<tr>
<td>PSYC8657</td>
<td>Educational and Developmental Practicum 4</td>
</tr>
<tr>
<td></td>
<td>or</td>
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</tbody>
</table>

(c) for the Industrial and Organisational Psychology programme,

(i) all of the following:
All units have a value of six points unless otherwise stated.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>PSYC8512</td>
<td>Statistics for Field Research</td>
</tr>
<tr>
<td>PSYC8513</td>
<td>Research Methods in Applied Settings</td>
</tr>
<tr>
<td>PSYC8514</td>
<td>Assessment and Selection</td>
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<tr>
<td>PSYC8515</td>
<td>Organisational Development and Work Design</td>
</tr>
<tr>
<td>PSYC8516</td>
<td>Professional Issues in Industrial and Organisational Psychology</td>
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<tr>
<td>PSYC8517</td>
<td>Practical Placement III</td>
</tr>
<tr>
<td>PSYC8573</td>
<td>Psychology of Training</td>
</tr>
<tr>
<td>PSYC8830</td>
<td>Occupational Health, Safety and Well-being</td>
</tr>
<tr>
<td>PSYC8831</td>
<td>Practical Placement I</td>
</tr>
<tr>
<td>PSYC8832</td>
<td>Practical Placement II</td>
</tr>
</tbody>
</table>

and

(ii) two units offered by the UWA Business School approved by the course co-ordinator or Head of School—16 points.

11.3.3.5 Rescinded
Results

11.3.3.6(1) A student who completes the units required under Rule 11.3.3.4 and completes the requirements for the degree of Doctor of Philosophy will qualify for the award of the degrees of Master of Psychology and Doctor of Philosophy.

(2) A student who fails to qualify for the award of the degree of Doctor of Philosophy may submit the results of their research in a form approved by the Faculty in order to be considered for the award of the degree of Master of Psychology.

Time Limit

11.3.3.7 Unless the Faculty on the recommendation of the Head of the School of Psychology approves otherwise, students must complete the units required under Rule 11.3.3.4 within four calendar years from the date of first enrolment in the combined course.