MINUTES OF THE FACULTY OF LIFE AND PHYSICAL SCIENCES BOARD MEETING HELD
IN THE ECONOMICS & COMMERCE CONFERENCE ROOM
ON TUESDAY 16TH JUNE 2009

PRESENT: Professor George Stewart (Chair), Dr Craig Clark, Professor Bruce Elliott, Dr Jane
Emberson, Dr Dan Franklin, Ms Jenny Gamble, Professor Bob Grove, Professor Geoff
Hammond, Dr John Henderson, Dr Ralph James, Mr Hubert Jurkiewicz, Dr Peter Mark,
Professor Graeme Martin, Associate Professor Dave Morrison, Professor Linc Schmitt,
Professor Geoff Stewart, Ms Tess Vermeulen

APOLOGIES: Ms Inga Carr, Professor Ian Dadour, Associate Professor Geoff Meyer, Associate
Professor Ian McArthur, Professor Tony O’Donnell, Dr Angus Tavner, Dr Karen
Wallman, Associate Professor Michael Wise

BY INVITATION: Dr Ionat Zurr (for item 14)
Ms Imelda Ooi, Secretary

WELCOME

On behalf of the Faculty, the Chair welcomed the following members to the Faculty Board meeting:

Ms Inga Carr (Sport Science, Exercise and Health)
Dr Craig Clark (Psychology)
Dr Peter Mark (Anatomy & Human Biology)
Associate Professor Geoff Meyer (Anatomy & Human Biology)
Professor Tony O’Donnell (Dean, Faculty of Natural & Agricultural Sciences)
Associate Professor Tim St Pierre (Physics)
Professor Alice Vrieling (Biomedical, Biomolecular and Chemical Sciences)

1. MINUTES REF: F3059

RESOLVED – 10
that the noting of decisions for items conducted by circulation on 18 May 2009 be confirmed.

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

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

3. PRINCIPLES FOR THE OPERATION OF COMMITTEES REF: F12439

Members noted the principles and rules for the operation of committees along with the code of conduct
for committee members with emphasis on the following:
• understand the committee’s role and purpose within the University
• attend all committee meetings or where attendance is not possible, submit an apology
• prepare for all committee meetings by reading and considering the agenda items prior to the meeting
• participate in discussions at the meeting
ITEMS FOR THE ATTENTION OF ACADEMIC SECRETARIAT

4. PROPOSAL TO CANCEL THE COMBINED BA/BSc/MTeach COURSE  REF: F6294

Members noted that the Faculty of Education Teaching and Learning Committee had recommended to their Faculty that the combined BA/BSc/MTeach course be cancelled as of 2010 due to low enrolments and that the Board of Studies noted this item at its meeting on 5 May 2009.

RESOLVED – 11

to recommend to Academic Council that the combined BA/BSc/MTeach course be cancelled as of 2010.

5. ITEMS FROM BOARD OF STUDIES MEETING HELD ON 2 JUNE 2009

A copy of the minutes of the Board of Studies meeting held on 2 June 2009 was attached to the Faculty Board agenda.

a. PROPOSED CHANGES TO THE RULES FOR BSC (EXERCISE AND HEALTH)  REF: F3488, F6294

The School of Sport Science, Exercise and Health had received notification from the Australian Association for Exercise and Sports Science (AAESS) that the courses, BSc (Exercise and Health), Bachelor of Exercise Rehabilitation Science and Graduate Diploma in Science (Exercise Rehabilitation), had been provisionally accredited. The provisional accreditation was conditional upon the School addressing several issues which would necessitate a number of rule changes for the Bachelor of Science (Exercise and Health) for implementation from 2010. Graduates of this program would obtain automatic accreditation with AAESS and thus gain ‘Provider Status’ from the Australian Government Health Insurance Commission, following the completion of a fourth year through the Bachelor of Exercise Rehabilitation Science or Graduate Diploma of Science (Exercise Rehabilitation). The proposed changes would also provide an opportunity for the PSB course in Singapore to be submitted for accreditation in the future.

The proposed changes were:

(i) SSEH2290 Physical Activity and Health to be listed as a core unit for the program (currently a core unit for the major in Physical and Health Education);

(ii) 48 points of Level 3 SSEH units be completed for the program (currently a requirement for the major in Physical and Health Education);

(iii) the majors for BSc (Exercise and Health) program i.e. Physical and Health Education and Sports and Exercise Science, be deleted from the program and that the core units for the Physical and Health Education major be listed as core units for the program.

(iv) for the Level 3 unit selection in the BSc (Exercise and Health), students be required to complete at least one unit from each of two specialist areas in the School (in addition to the listed core units).

RESOLVED – 12

to recommend to Academic Council that with effect from 2010, the rules for the BSc (Exercise and Health) be amended to reflect the proposed changes outlined above as shown in attachment A.

b. PROPOSED NAME CHANGE FOR BSc HUMAN MOVEMENT AND EXERCISE SCIENCE MAJOR  REF; F6294

The School of Sport Science, Exercise and Health had proposed that the BSc major, Human Movement and Exercise Science be changed to Sport Science, Exercise and Health to bring it in line with the change in the School’s name.
RESOLVED – 13
to recommend to Academic Council that with effect from 2010, the Human Movement and Exercise Science major be renamed Sport Science, Exercise and Health.

c. PROPOSED CHANGE TO BSc NEUROSCIENCE PROGRAM REF: F5002, F6294

As the School of Psychology had made changes to the delivery of its second year units, the Program co-ordinator of the BSc (Neuroscience) program had proposed to replace the core unit, PSYC2205 Psych: Behavioural Neuroscience, with either PSYC2217 Cognitive Neuroscience or PSYC2218 Perception and Sensory Neuropsychology, depending on unit availability.

RESOLVED – 14
to recommend to Academic Council that with effect from 2010, the core unit PSYC2205 Psychology: Behavioural Neuroscience in the BSc (Neuroscience) program, be replaced with either PSYC2217 Cognitive Neuroscience or PSYC2218 Perception and Sensory Neuropsychology, depending on unit availability.

d. PROPOSAL FROM THE SCHOOL OF MATHEMATICS AND STATISTICS REGARDING THE AMALGAMATION OF STATISTICS A AND B REF: F5075

At the meeting of the Board of Studies in Science held on the 5 May 2009 members had agreed with the rationale to merge the two statistics units STAT1510 Statistics A and STAT1530 Statistics B into one statistics unit. However, members requested that the item be carried over to allow for further consultation with a broader group of academics within the Faculties of Life and Physical Sciences and Natural and Agricultural Sciences, in particular with respect to the unit name.

Professor Baddeley attended the FNAs Teaching & Learning committee meeting on 22 May and LPS Executive Committee meeting on 26 May and indicated that the proposal was focused on accommodating students in Life and Physical Sciences and to meet the needs of the Singapore offshore students. Members were advised that currently, approximately 97% of the students enrolled in STAT1510 and STAT1530 were enrolled in LPS programs/majors and that the proposed unit STAT1400 was not meant to compete with or replace the unit STAT2210 Biometrics 1.

At the Board of Studies meeting on 2 June 2009, the School of Mathematics and Statistics had provided additional documentation to support the proposed new unit STAT1400 Statistics for Science. Professor Baddeley advised that the prerequisite for admission to STAT1400 Statistics for Science would be TEE Discrete Mathematics and the unit would be structured emphasizing statistics principles which would include a focus tailored to the cohort of students who would normally have taken STAT1530 Statistics B. Members of the Board of Studies in Science confirmed that they had no concerns with the proposed name of Statistics for Science for the unit.

RESOLVED – 15
to recommend to Academic Council that the proposal from the School of Mathematics and Statistics to delete the units STAT1510 Statistics A and STAT1530 Statistics B and replace with the new unit STAT1400 Statistics for Science, be approved with effect from 2010.

6. PROPOSED MINOR AMENDMENT TO MASTER OF PHARMACY RULES REF: F6294

The Director of the Faculty’s postgraduate Pharmacy program proposed some minor amendments to the rules for the Master of Pharmacy (51500) by expanding the requirements for entry to include mathematics as an alternative to statistics and changing the wording for the police clearance.

RESOLVED – 16
to recommend to Academic Council that the rules for the Master of Pharmacy be amended by expanding the requirements for entry to include mathematics as an alternative to statistics and changing the wording for the police clearance as shown in Attachment C of the Faculty Board agenda.
7. PROPOSED MINOR AMENDMENT TO RULES FOR UWA GRADUATES ASSOCIATION PRIZE REF: F1876

The Faculty office proposed a minor amendment to the rules for the Convocation, UWA Graduates Association Prize in Anatomy and Human Biology, Biochemistry, Microbiology, Molecular Biology, Pharmacology, Physiology and Soil Science (Level 2) by deleting ‘Soil Science’ from the entry as it was no longer relevant in the determination for the award of the prize.

RESOLVED – 17
that the rules for the Convocation, UWA Graduates Association Prize in Anatomy and Human Biology, Biochemistry, Microbiology, Molecular Biology, Pharmacology, Physiology and Soil Science (Level 2) be amended by deleting ‘Soil Science’ from the rule.

8. ENGLISH LANGUAGE COMPETENCE REQUIREMENT REF: F6294

Members were advised that the Faculty of Law had found that the English requirements for entry to postgraduate Law courses differed from that specified for undergraduate Law courses and had resolved to increase the undergraduate requirement to an overall IELTS score of 7.0 with no individual band below 7.0. Some concerns had been expressed within the Faculty that some international students who had satisfied the English Language Competence requirement of an overall score of 6.5 with no individual band below 6.0, struggled with English and this had a negative impact on their studies.

In light of the above and that the English competency requirement had been raised for some courses, the Faculty Manager asked members at the meeting whether the Faculty should consider raising the English requirement to 7.0 for all its postgraduate courses. During the discussion, the following points were raised:

- Monash University had raised the level of English for both its undergraduate and postgraduate students;
- the Director of CELT had advised in another forum that students pursuing postgraduate studies should have an IELTS score of at least 8;
- concern was raised that raising the level to 7 would preclude several international students from entry to the Faculty’s postgraduate courses;
- a remedial course could be offered to weak students. This was not supported by members due to the extra costs involved both for students and the Faculty; and
- an analysis needed to be completed of the English proficiency scores of currently enrolled postgraduate students.

As members could not reach a consensus, the Chair proposed that the decision to raise the English requirement be deferred to a later date. In the meantime, the Faculty would try to obtain some data to assist in its deliberation on the issue.

9. PROPOSED INTRODUCTION OF MASTER OF FOOD SCIENCE (51XXX) REF: F27780

Members had before them a proposal from Professor Garry Lee from the Centre for Forensic Science for a two-year Master of Food Science by coursework and dissertation in food safety and quality. Speaking to the item, Professor Lee stated that the proposed course was designed to be an inter-disciplinary/faculty collaborative program. He had had discussions with a number of faculties and schools to determine what facilities were available and staff who were able to teach in the course.

Professor Lee stated that recent trends in global food production, processing, distribution and preparation, had created an increasing demand for food safety. At a recent meeting of Australia’s and New Zealand’s regulatory bodies on food standards, it was remarked that university graduates did not have the skills to work in food safety and that there was an ever increasing skill shortage in this area. He went on to say that a number of food safety issues that had arisen in recent times had added more weight to the need for graduates with advanced food safety training and knowledge of the most up-to-date technologies.
An overview of the proposal provided by Professor Lee was tabled at the meeting which outlined the following:

- Syllabus (comprising two compulsory introductory units – food chemistry and food microbiology, with core units focussing on several areas of food safety and quality, and electives chosen from areas outside of the Faculty including Curtin University);
- Draft course structure;
- Rationale for proposal – demand from the food sector for food safety expertise to ensure a safer global food supply, and to address the food borne illness in Australia which had cost the Government around $1.2 billion;
- Nanotechnology and food – much discussion had taken place on the safety issues involved with nanofoods. Universities were essentially still teaching the same food safety material from 10 years ago;
- Current food issues – climate change, new farming and agricultural practices (addition of antibiotics to animal feed), deliberate contamination of food (e.g. Chinese milk powder scandal);
- Potential markets – China would be the biggest market. Food safety is a priority for the country as it grapples with international food regulations;
- Benefits for the Faculty and University – the course would foster new collaborations between staff within the University as well as with Government, industry, international organizations and institutions e.g. China, Hong Kong, Singapore and Indonesia; and
- Employment opportunities for students in various sectors of the community.

The Head of the School of Biomedical, Biomolecular and Chemical Sciences advised that although he supported the proposal, he would need to have further discussions regarding the unit offerings within the disciplines of Microbiology and Chemistry. One member suggested that students be required to complete a research project which would ensure that all students received some research training. Professor Lee advised that he had discussions with various institutions and organisations as to what they would prefer and had been provided with a list of projects that students could undertake in an industrial setting.

The Chair put forward a motion for the establishment of the Master of Food Science in principle, subject to the unit offerings being sorted out with the schools, which was supported by majority of members.

**RESOLVED – 18**

To recommend to Academic Council to approve the following, with effect from 2010:

(i) the proposal to introduce the Master of Food Science be approved in principle, subject to the unit offerings being sorted out with the schools; and

(ii) introduction of the following new 6-point units:

- CHEM8XXX Chemistry for Food Science
- CHEM8XXX Chemical & Physical Food Hazards
- MICR8XXX Microbiological Food Hazards
- SCIE8XXX Introduction to Food Safety
- SCIE8XXX Quality Control and Quality Assurance

10. **PROPOSED CHANGE TO ADMISSION RULES FOR BACHELOR OF EXERCISE REHABILITATION SCIENCE (51150) AND GRADUATE DIPLOMA IN SCIENCE (EXERCISE REHABILITATION (50300) REF: F6294)**

Members noted that as a consequence of the recent Australian Association of Exercise and Sport Science (AAESS) accreditation process, it had become necessary for the School of Sport Science, Exercise and Health to amend the rules for the Bachelor of Exercise Rehabilitation Science and the Graduate Diploma in Science (Exercise Rehabilitation) to add HMES3385 Exercise Science and Disability, to the prerequisite units for entry to the two courses. This was because AAESS had recognised the lack of knowledge in dealing with problems associated with motor control and learning, covered in HMES3385 as a deficiency for students who did not take this unit. The proposed rule change would come into effect in 2010. The current group of students had all been informed of the change and would have the opportunity to change their enrolment in Semester 2 of this year.
RESOLVED – 19

to recommend to Academic Council that with effect from 2010, the rules for the Bachelor of Exercise Rehabilitation Science and the Graduate Diploma in Science (Exercise Rehabilitation) be amended, to add HMES3385 Exercise Science and Disability, to the prerequisite units for entry.

11. PROPOSAL OF JOINT COURSE - GRADUATE DIPLOMA IN SPORT AND RECREATION MANAGEMENT WITH BUSINESS SCHOOL REF:

Members had before them a proposal from the School of Sport Science, Exercise and Health to establish a Graduate Diploma in Sport and Recreation Management in conjunction with the Business School at UWA. Speaking to the item, Professor Tim Ackland stated that the proposed course would focus on developing students’ knowledge and skills in management and marketing within the sport and recreation industry and enhance inter-school and faculty collaborations. The course would utilize existing units from the Master of Science and Master of Commerce offerings.

A new unit would be introduced – SSEH7677 Sport and Recreation Marketing. This was an old unit which had been deleted when the rationalisation of units was carried out. The School intended to make this unit available in 2010 to students enrolled in the two-year Master of Science (Human Movement).

Another new unit was also proposed – SSEH7687 Physical Ergonomics. It was intended to offer this unit in the Graduate Diploma in Occupational Safety and Health (proposed for 2011). However, Professor Ackland advised that the unit would be available in 2010 to students enrolled in the two-year Master of Science (Human Movement) as well.

RESOLVED – 20

to recommend to Academic Council to approve the following with effect from 2010:

(i) the proposal for the introduction of a Graduate Diploma in Sport and Recreation Management in conjunction with the Business School; and

(ii) introduction of the following new 6-point units:

- SSEH7677 Sport and Recreation Marketing (to be offered in the Graduate Diploma in Sport and Recreation Management and the Master of Science (Human Movement); and
- SSEH7687 Physical Ergonomics (to be offered in the Graduate Diploma in Occupational Safety and Health (proposed for 2011), and the Master of Science (Human Movement).

12. PROPOSED CHANGES TO MASTER OF SCIENCE (HUMAN MOVEMENT) BY COURSEWORK (52510) RULES REF: F6294

Members had before them a proposal from the School of Sport Science, Exercise and Health to amend the rules for the two-year Master of Science (Human Movement) by coursework. The School had advised that it had been encountering significant difficulties providing coursework units to cover the minimum credit points required for the two-year Master of Science (Human Movement) by coursework which was primarily taken by international students. Speaking to the item, Professor Bruce Elliott advised that many of the students did not have adequate background to undertake units in all of the sub-discipline areas. To address this problem, the School had proposed that the rules for this course be amended to increase the number of special topic units from two to six. In order to enable students wishing to specialise in a cognitive area (i.e. Psychology), by taking relevant units in other schools, the School had also proposed that the rules for this course be amended to allow students to take up to four units outside of the School.

RESOLVED – 21

to recommend to Academic Council that with effect from 2010, the rules for the Master of Science (Human Movement) by coursework (52510) be amended to reflect the changes outlined above as shown in attachment H6 of the Faculty Board Agenda.
13. PROPOSED CHANGES TO RULES FOR GRADUATE CERTIFICATE IN FORENSIC SCIENCE (51220), MASTER OF FORENSIC SCIENCE (COURSEWORK AND DISSERTATION) (51520) AND INTRODUCTION OF NEW UNIT: FORENSIC SCIENCE DISSERTATION (ODONTOLOGY) REF: F6294

Members had before them a proposal from the Centre For Forensic Science to amend the rules for the Graduate Certificate in Forensic Science and the Master of Forensic Science (coursework and dissertation). Speaking to the item, Dr Dan Franklin advised that following a recent internal review of its courses, it had become necessary to make a number of amendments to its course offerings with effect from 2010 as follows:

(a) Graduate Certificate in Forensic Science – currently students were required to take 12 points of core units and 12 points optional units. Dr Franklin advised that this had reduced students’ choices. He proposed that the core units be reduced to 6 points and elective units be increased to 18 points to provide greater flexibility for students.

(b) Master of Forensic Science (coursework and dissertation) – currently, students were required to take a 24-point dissertation unit as well as a 12-point case study unit and elective units chosen from all the University’s offerings restricted to level 3 or higher. The case study unit had not been listed in the rules and this needed to be corrected. In addition, it was proposed that students be able to select elective units from level 2 or higher. The Forensic Anthropology program was meant for research students only, so this required a change in the rules to withdraw the program from the rules of the Master of Forensic Science (coursework and dissertation).

Dr Dan Franklin went on to say that due to an administrative oversight, students enrolled in the odontology program were currently only able to enrol in the standard (non-specialist) dissertation units – FNSC8644 and FNSC8646. To rectify this, the Centre proposed that a new 24-point unit, FNSC86XX Forensic Science dissertation (Odontology), be introduced for these students. The new unit would be designed to provide students with practical experience in independent scientific study relevant to forensic odontology.

RESOLVED – 22

to recommend to Academic Council that with effect from 2010, the following be approved:

(i) the rules for the Master of Forensic Science (coursework and dissertation) (51520), be amended as follows

- 9.6.37.5(1) (e) the following units:
  
  - FNSC8646 Forensic Science Dissertation Part 1 (12 points)
  - FNSC8644 Forensic Science Dissertation Part 2 (12 points)
  - FNSC8604 Case Study Part 1 (6 points)
  - FNSC8605 Case Study Part 2 (6 points)

  and

- units of Level 2.2 or higher to a 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;

- deletion of the Forensic Anthropology program rules from the Master of Forensic Science (coursework and dissertation) rules;

and

(ii) introduction of a new 24-point unit, FNSC86XX Forensic Science dissertation (Odontology) for students enrolled in the odontology program.

14. PROPOSED CHANGES TO THE GRADUATE DIPLOMA IN SCIENCE (BIOLOGICAL ARTS) AND THE MASTER OF SCIENCE (BIOLOGICAL ARTS) REF: F6294

Members had before them a proposal from the School of Anatomy and Human Biology for changes to the rules for the Graduate Diploma in Science (Biological Arts) and the Master of Science (Biological Arts). Speaking to the item, Professor Linc Schmitt advised members that the School wished to delete ANHB8535 SymbioticA Special Topic from the Graduate Diploma in Science (Biological Arts) as the unit was more appropriate at the Masters level. The School also wanted to correct accidental changes made (which unintentionally precluded students from continuing study in their previous area of study), when the course rules were modified in 2008. The School wished to propose that the names for both courses be changed to the Graduate Diploma in Biological Arts and the Master of Biological Arts.
RESOLVED – 23

to recommend to Academic Council that with effect from 2010, the following be approved:

- deletion of ANHB8535 SymbioticA Special Topic (6 points) from the rules for the Graduate Diploma in Science (Biological Arts);
- correction of accidental changes made as shown in attachment J2-J4 of the Agenda; and
- Graduate Diploma in Science (Biological Arts) and the Master of Science (Biological Arts) be renamed Graduate Diploma in Biological Arts and the Master of Biological Arts respectively.

15. PROPOSED AMENDMENT TO RULES FOR DOCTOR OF PSYCHOLOGY (CLINICAL & CLINICAL NEUROPSYCHOLOGY) REF: F6294

Members had before them a proposal from the School of Psychology to amend the rules for the Doctor of Psychology (Clinical and Clinical Neuropsychology). Professor Dave Morrison advised that the content of units PSYC8661 Special Topics and PSYC8665 Topics in Neuropsychology, could be covered in other existing components within the course and proposed that the two units be deleted from the course. He also advised that the Year 3 thesis units (PSYC9902 and PSYC9912 be amended to 18 points each because of the workload involved.

RESOLVED – 24

to recommend to Academic Council that the following be approved with effect from 2010:
(i) deletion of PSYC8661 Special Topics and PSYC8665 Topics in Neuropsychology from the core units of the Doctor of Psychology and Doctor of Psychology (Clinical and Clinical Neuropsychology); and
(ii) increasing the Year 3 thesis units (PSYC9902 and PSYC9912) from 12 points each to 18 points each.

16. PROPOSED INTRODUCTION OF COMBINED COURSE – DOCTOR OF PSYCHOLOGY (CLINICAL, AND CLINICAL & CLINICAL NEUROPSYCHOLOGY)/MASTER OF SCIENCE REF:

Members had before them a proposal from the School of Psychology to combine the Doctor of Psychology (Clinical and Clinical Neuropsychology) with a one-year Master of Science by thesis and coursework (51610). Professor Morrison advised that the current Doctor of Psychology (Clinical) and the Doctor of Psychology (Clinical & Clinical Neuropsychology) courses offered professional training for students. The School was keen to emphasise the research component of the course. To achieve this, the School wished to propose that the research thesis component (totalling 48 points) in both streams of the Doctor of Psychology be removed and replaced with a 48-point Master of Science (thesis and coursework). This would provide students with an opportunity to obtain a research degree. Students enrolled in the proposed combined course would then be eligible for research scholarship funding which would increase the attractiveness of the course.

RESOLVED – 25

to recommend to Academic Council that the proposal for a combined Doctor of Psychology/Master of Science be approved with effect from 2010.

17. ADDITION OF UNITS REF: F5075

A copy of the proposed new units is attached (Attachment B).

Confirmed

CHAIR
Amended rules

9.2.7I Exercise and Health (PG-EXHSC)
9.2.7I(1) The programme consists of units to a total value of 144 points comprising—

(a) all units in Table 9.2.7I(1) (Exercise and Health Core Units) — 78.72 points

and

(b) Level 1 units to the value of 18.24 points with at least 12 points in a single subject area, chosen in consultation with a Faculty Adviser either from the approved science units or from Group A in Table 9.2.7I(2) (Exercise and Health Options);

and

(c). Level 2 units to the value of 18 points with at least 12 points in a single subject area chosen in consultation with a Faculty Adviser, either from approved science units or from Group B in Table 9.2.7I(2) (Exercise and Health Options);

and

(d) one. Level 3 unit from each of two Groups C-F in Table 9.2.7I(2) (Exercise and Health Options);

and

(e). if necessary to make up a total of 48 points from Level 3 units, additional units to be selected from Groups C-G in Table 9.2.7I(2) (Exercise and Health Options).

Table 9.2.7I(1)—Exercise and Health Core Units
All units have a value of six points unless otherwise stated.

| S1, OS | ANHB1101 | Human Biology I |
| S2, OS | ANHB1102 | Human Biology II |
| S1    | SSEH1101 | Human Movement |
| S2    | SSEH1102 | Human Movement |
|       | SSEH1103 | Health and Fitness |
| S2    | SSEH2240 | Motor Learning and Control |
| S1    | SSEH2250 | Biomechanics |
| S1    | SSEH2260 | Exercise Physiology |
| S2    | SSEH2270 | Psychosocial Aspects of Exercise Science |
| S2    | SSEH2290 | Physical Activity and HealthS1 |
| S1    | SSEH3301 | Exercise Prescription for Health and Fitness |
| S2    | SSEH3302 | Exercise Prescription for Special Populations and Circumstances |
| S1, S2 | SSEH3390 | Professional Practice Part 1 (3 points) |
| S1, S2 | SSEH3391 | Professional Practice Part 2 (3 points) |

Table 9.2.7I(2)—Exercise and Health Options
All units have a value of six points unless otherwise stated.

Group A—Level 1
Level 1 unit(s) from another Faculty with advice from a Faculty Adviser (maximum 12 points)

| S1, S2 | ACCT1101 | Financial Accounting¹ |
| S1, S2 | ECON1101 | Microeconomics: Prices and Markets¹ |
| S1, S2 | MGMT1135 | Organisational Behaviour¹ |
| S1, S2 | MGMT1136 | Management and Organisations¹ |

¹ Not more than two of these units may be included.
Group B—Level 2

Level 2 unit(s) from another Faculty with advice from a Faculty Adviser (maximum 18 points)

S1    IREL2201  Foundations of Employment Relations
S1    HRMT2237  Human Resource Management
S1, S2 MGMT2235  Organisational Behaviour
S1, S2 MGMT2236  Management and Organisations
S1    MKTG2203  Marketing Management

*Not more than three of these units may be included.*

Level 3 units

Group C—Biomechanic units

S1    SSEH3355  Biomechanics
S2    SSEH3356  Neuromuscular Biomechanics and Motor Control

Group D—Exercise Physiology units

S1    SSEH3365  Sport Physiology
S2    SSEH3366  Bioenergetics

Group E—Motor Control and Learning units

S1    SSEH3345  Motor Skill Development
S2    SSEH3385  Exercise Science and Disability

Group F—Sport and Exercise Psychology units

S1    SSEH3375  Psychology of Sport
S2    SSEH3376  Coaching Psychology

Group G—other SSEH units

S2    SSEH3304  Sport and Spirituality
S1, S2 SSEH3337  Practical Aspects of Movement Part 1 (3 points)
S1, S2 SSEH3338  Practical Aspects of Movement Part 2 (3 points)
S2    SSEH3339  Community and Work Site Health Promotion
S2    SSEH3377  Sport, Health and Recreation Marketing
S2    SSEH3389  Exercise Rehabilitation
## FACULTY OF LIFE AND PHYSICAL SCIENCES

**Proposal for new units – Faculty Board Meeting dated 16.6.09**

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Unit Name</th>
<th>Points Value</th>
<th>Brief Description of Unit Content</th>
<th>Courses in which offered</th>
<th>Semester offered in</th>
<th>Faculty Rules to be amended (Specify)</th>
<th>Faculty Resolution Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM8XXX</td>
<td>Chemistry for Food Science</td>
<td>6</td>
<td>Provides a broad exposure to the principles and laboratory techniques of food chemistry</td>
<td>Master of Food Science</td>
<td>Sem 2</td>
<td>9.3.36A</td>
<td>R18/09</td>
</tr>
<tr>
<td>CHEM8XXX</td>
<td>Chemistry and Physical Food Hazards</td>
<td>6</td>
<td>Delivers the underlying scientific principles of chemical food hazards</td>
<td>Master of Food Science</td>
<td>Sem 1</td>
<td>9.3.36A</td>
<td>R18/09</td>
</tr>
<tr>
<td>MICR8XXX</td>
<td>Microbiological Food Hazards</td>
<td>6</td>
<td>Deals with food spoilage and identification, enumeration and characterisation of associated micro-organisms</td>
<td>Master of Food Science</td>
<td>Sem 1</td>
<td>9.3.36A</td>
<td>R18/09</td>
</tr>
<tr>
<td>SCIE8XXX</td>
<td>Introduction to Food Safety</td>
<td>6</td>
<td>Overview of the fundamental concepts in food safety and quality including aspects of chemistry, microbiology, toxicology, nutrition and quality control</td>
<td>Master of Food Science</td>
<td>Sem 2</td>
<td>9.3.36A</td>
<td>R18/09</td>
</tr>
<tr>
<td>SCIE8XXX</td>
<td>Quality Control and Quality Assurance in Food</td>
<td>6</td>
<td>Principles of Quality Control and Quality Assurance in Food</td>
<td>Master of Food Science</td>
<td>Sem 1</td>
<td>9.3.36A</td>
<td>R18/09</td>
</tr>
<tr>
<td>SSEH7677</td>
<td>Sport and Recreation Marketing</td>
<td>6</td>
<td>Introduces students to marketing practices for service business in sport and recreation</td>
<td>Graduate Diploma in Sport and Recreation Management</td>
<td>Sem 1</td>
<td>9.5.39A</td>
<td>R20/09</td>
</tr>
<tr>
<td>SSEH7687</td>
<td>Physical Ergonomics</td>
<td>6</td>
<td>Develops strategies for reducing disease or injury risk and maximising human performance in industry</td>
<td>Graduate Diploma in Sport and Recreation Management</td>
<td>Sem 1</td>
<td>9.5.39A</td>
<td>R20/09</td>
</tr>
</tbody>
</table>

I confirm that the processes leading to the proposals for the introduction of the new units listed above have included appropriate consultation with all other schools/faculties with a potential interest in the proposed new units. I am satisfied that the proposed new units will not overlap significantly with any other faculty.

Signed  

DEAN

New Unit Chart (16.6.09)