



Undergraduate Studies Committee Agenda

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Notice of Meeting

A meeting of the **Undergraduate Studies Committee** will be held at **10.00am** on **Wednesday 10 June 2009** in the Western Tower Room. (Room S 495, first floor of the Western Tower area of the Quadrangle Building on the Camperdown Campus, opposite the Clock Tower.)

Members who are unable to attend are asked to notify Louise Young at the above address. Enquiries concerning this meeting may also be directed to Ms Young.

Louise Young
Committee Officer

for

Megan Kemmis
Secretary to Academic Board

3 June 2009

Agenda

Pages

1. **Apologies**

Apologies have been received from: Associate Professor Tessa Ho

2. **Minutes of previous meetings**

pages [5-14](#)

Recommendation

That the Undergraduate Studies Committee adopt the minutes of the previous meeting held on 6 May 2009, and the meeting held by circulation, as a true record.

3. **Business arising from Minutes (not dealt with elsewhere in the Agenda)**

4. Report of the Chair
4.1 Oral report

Recommendation

That the Undergraduate Studies Committee note the report of the Chair.

5. Reports of the Academic Board

page [15](#)

Recommendation

That the Undergraduate Studies Committee note the reports of the Academic Board meeting of 27 May 2009, as set out in the reports presented.

6. Report of the Admissions Sub-Committee

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Recommendation

That the Undergraduate Studies Committee note the reports of the Admissions Sub-Committee meeting of 29 May 2009, as set out in the reports presented.

7. Proposals for new and amended undergraduate courses

pages [16-17](#)

7.1 Faculty of Architecture, Design and Planning: Bachelor of Design in Architecture

page [16](#) and [separate attachment](#)

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) *approve the proposal from the Faculty of Architecture, Design and Planning to amend the Bachelor Of Design in Architecture;*
- (2) *recommend that Senate endorse the Academic Board's approval of the proposal,*
- (3) *note the Resolutions of the Faculty relating to the degree, made pursuant to the University of Sydney (Coursework) Rule 2000 (as amended); and*
- (4) *approve the faculty requirements relating to the pass degree, with effect from 1 January 2010, as set out in the report presented.*

7.2 Faculty of Health Science

(1) Bachelor of Health Science (Aboriginal Health & Community Development)

page [16](#) and [separate attachment](#)

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) *approve the proposal from the Faculty of Health Science to delete the Bachelor of Health Science (Aboriginal Health & Community Development); and*
- (2) *recommend that Senate:*
 - (a) *endorse the Academic Board's approval of the proposal, and*
 - (b) *approve the amendment of the Resolutions of the Senate relating to the Bachelor of Health Science with effect from 1 January 2010, as set out in the report presented.*

- (2) **Bachelor of Applied Science (Medical Radiation Sciences): Nuclear Medicine, Radiation Therapy, Nuclear Medicine (Honours) and Radiation Therapy (Honours) streams** page [17](#) and [separate attachment](#)

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) *approve the proposal from the Faculty of Health Science to delete the Bachelor of Applied Science (Medical Radiation Sciences): Nuclear Medicine, Radiation Therapy, Nuclear Medicine (Honours) and Radiation Therapy (Honours) streams; and*
- (2) *recommend that Senate:*
 - (a) *endorse the Academic Board's approval of the proposal, and*
 - (b) *approve the amendment of the Bachelor of Applied Science*

with effect from 1 January 2010, as set out in the report presented.

- (3) **Bachelor of Applied Science (Exercise, Sport Science and Nutrition) and Bachelor of Applied Science (Exercise, Sport Science and Nutrition) Honours** page [17](#) and [separate attachment](#)

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) *approve the proposal from the Faculty of Health Science to delete the Bachelor of Applied Science (Exercise, Sport Science and Nutrition) and Bachelor of Applied Science (Exercise, Sport Science and Nutrition) Honours; and*
- (2) *recommend that Senate:*
 - (a) *endorse the Academic Board's approval of the proposal, and*
 - (b) *approve the amendment of the Bachelor of Applied Science*

with effect from 1 January 2010, as set out in the report presented.

8. **Report from Faculties** pages [18-45](#)
8.1 **Faculty of Engineering and Information Technologies: Bachelor of Engineering** pages [18](#) and [20](#)

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board note the report of the Faculty of Engineering and Information Technologies regarding amendments to units of study in the Bachelor of Engineering degree, with effect from 1 January 2010, as set out in the report presented.

- 8.2 **Faculty of Economics and Business: Bachelor of Commerce (Liberal Studies)** pages [18](#) and [21-24](#)

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) note the report of the Faculty of Economics and Business regarding introduction of new units of study in the Bachelor of Commerce (Liberal Studies); and
- (2) approve the amendments to the Faculty Resolutions for the course relating to units of study with effect from 1 January 2010, as set out in the report presented.

8.3 Faculty of Health Science: Bachelor of Applied Science (Speech Pathology) and Bachelor of Applied Science (Speech Pathology) Honours pages [18](#) and [25-38](#)

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board note the report of the Faculty of Health Science regarding amendments to units of study in the Bachelor of Applied Science (Speech Pathology) and Bachelor of Applied Science (Speech Pathology) Honours, with effect from 1 January 2010, as set out in the report presented.

8.4 Faculty of Pharmacy: Bachelor of Pharmacy pages [18](#) and [39-41](#)

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board note the report of the Faculty of Pharmacy regarding new units of study in the Bachelor of Pharmacy with effect from 1 January 2010, as set out in the report presented.

8.5 Faculty of Veterinary Science: Bachelor of Animal and Veterinary Biosciences pages [19](#) and [42-45](#)

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board note the report of the Faculty of Veterinary Science regarding introduction of new units of study in the Bachelor of Animal and Veterinary Biosciences with effect from 1 January 2010, as set out in the report presented.

9. General business

10. Next meeting

The next meeting will be held on 5 August 2009 in the Western Tower Room.

Agenda Item 2 Minutes of the Previous Meeting

Minutes of the Undergraduate Studies Committee meeting held on Wednesday 6 May 2009

There were present: The Chair (Professor S Kable) presiding; Professors A Boyd; Associate Professor C Collyer (from 11am onwards); Drs D Auld, F Burns, S Cattle, C Comerton-Forde, S Cumming, W Currie, R Gibson, J Hanrahan, C Smith and B Winter; Mr P Ball, D Bowan, W Chan and N White; Ms L Brown, J Gavan and L O'Reilly. Professor D Day (from 11am onwards); Ms M Kemmis and L Young were in attendance.

1. Apologies

Apologies were received from: Professors B Sutton and D Armstrong and Dr T Mogg.

2. Minutes of the previous meeting

Resolution 25/09

That the Undergraduate Studies Committee adopt the minutes of the previous meeting held on 18 March 2009, and the meeting held by circulation, as a true record.

3. Business arising from Minutes (not dealt with elsewhere in the Agenda)

There was no business arising from the minutes.

4. Report of the Chair

The Chair welcomed committee members to the meeting and asked that the order of the agenda be switched to discuss item 6.3 first, to accommodate time constraints on Dr Robyn Gibson.

He stated that all unanimous resolutions from the previous committee meeting had been successfully approved by the Academic Board. The Chair reminded the Committee that any non-unanimous resolutions would always be 'starred' on his report to the Academic Board for further discussion.

The Chair went on to discuss the current review of the Academic Board. He explained this was partly due to significant changes to senior management under the new Vice-Chancellor, and that the review would look at the possible change to the composition of the Academic Board. One suggestion has been to make all heads of school ex officio members, thereby allowing the Vice-Chancellor to source a wealth of corporate knowledge from the Academic Board. The Chair concluded by reminding the Committee that invitations for comment had been sent to all Board members and Standing Committee members.

Resolution 26/09

That the Undergraduate Studies Committee note the report of the Chair.

5. Reports of the Academic Board

The report of the academic board was given under item 4.

Resolution 27/09

That the Undergraduate Studies Committee note the report of the Academic Board.

6. Proposals for new and amended undergraduate courses
6.1 Faculty of Agriculture, Food and Natural Resources
(1) Bachelor of Environmental Systems

Dr Stephen Cattle presented this proposal to the Committee, explaining it was to replace the Bachelors of Horticultural Science and Bachelor of Land and Water Science. The latter degrees, he said, were small, boutique programs that continually failed to attract their full quota of students. The decision to delete them had also come from general recommendations at the University to reduce the number of small, specialist bachelor degrees.

The new Bachelor of Environmental Systems focuses on “where environmental science meets agriculture”, Cattle said. A previous environmental science degree at the University had failed to attract students as it was too generalist – the proposed program would therefore be focussed around its ‘buzz words’ of ‘water, carbon and food’. The Schools of Bioscience and Geoscience had been consulted about the proposed degree. Dr Cattle added the expected University Admissions Index (UAI) cut-off for the degree is 80.

The Faculty hopes the proposed Bachelor of Environmental Systems will have a number of factors to make it appealing to school leavers. The name of the degree will hopefully attract students interested in environmental science who might otherwise be put off by the word ‘agriculture’. The degree would also be the faculty’s first 3-year degree offering, with a fourth year honours stream to follow. The Chair noted that a proposal for this honours stream had yet to be put forward to the Committee and that the faculty should make this clear in the proposal’s documentation.

In regards to competitive offerings, Dr Cattle discussed how research showed the University of Sydney’s programs were known for their scientific and commercial application of agriculture while chief competitors Charles Sturt University and the University of New England were considered to offer more practical applications of agriculture. The proposed program was also distinct from those offered by Macquarie University (3 years with an economic, legal and social emphasis) and the University of New South Wales (4 years with a conservation biology and ecology focus).

Dr Bronwyn Winter said that the Koori Centre have discussed developing some environmental systems study units and asked if there would be opportunities for offering these within the proposed Bachelor of Environmental Systems. Dr Cattle replied that there most likely would be.

The motion was passed unanimously, moved by Dr Winter and seconded by Dr Steve Cumming.

Resolution 28/09

That the Undergraduate Studies Committee recommends that the Academic Board:

- (1) approve the proposal from the Faculty of Agriculture, Food and Natural Resources to introduce the Bachelor of Environmental Systems;
- (2) recommend that Senate:
 - (a) endorse the Academic Board’s approval of the proposal,

- (b) approve the amendment of the Resolutions of the Senate relating to the Degrees, Diplomas and Certificates in the Faculty of Agriculture, Food and Natural Resources, and
 - (c) approve the adoption of the new Resolutions of the Senate relating to this course,
- (3) note the Resolutions of the Faculty relating to the degree, made pursuant to the University of Sydney (Coursework) Rule 2000 (as amended); and
- (4) approve the faculty requirements relating to admission, units of study, the pass degree, specially designated streams and award of the degree; and
- with effect from 1 January 2010, as set out in the report presented.

(2) Bachelor of Horticultural Science

This proposal was addressed in item 6.1.1.

Resolution 29/09

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) approve the proposal from the Faculty of Agriculture, Food and Natural Resources to delete the Bachelor of Horticultural Science;
- (2) recommend that Senate:
 - (a) endorse the Academic Board's approval of the proposal,
 - (b) approve the amendment of the Resolutions of the Senate relating to the Degrees, Diplomas and Certificates in the Faculty of Agriculture, Food and Natural Resources, and
 - (c) approve the rescission of the Resolutions of the Senate relating to this course, and
- (3) approve the deletion of the Faculty Resolutions relating to this course

with effect from 1 January 2010, as set out in the report presented.

(3) Bachelor of Land and Water Science

This motion was chiefly discussed under item 6.1.1. Dr Cattle added that the idea of 'mothballing' the Bachelor of Land and Water Science, rather than deleting it, had been discussed within the Faculty. Given the political and social significance of water conservation in Australia and the likelihood of it becoming an even bigger issue, it was thought more students might be attracted to the degree in the future. The decision to delete the degree was made, however, in keeping with the move towards reducing the number of distinct boutique degrees.

The motions for 6.1.2 and 6.1.3 were passed unanimously as a block, moved by Dr Cattle and seconded by Dr J Hanrahan.

Resolution 30/09

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) approve the proposal from the Faculty of Agriculture, Food and Natural Resources to delete the Bachelor of Land and Water Science;
- (2) recommend that Senate:
 - (a) endorse the Academic Board's approval of the proposal,

- (b) approve the amendment of the Resolutions of the Senate relating to the Degrees, Diplomas and Certificates in the Faculty of Agriculture, Food and Natural Resources, and
 - (c) approve the rescission of the Resolutions of the Senate relating to this course, and
 - (3) approve the deletion of the Faculty Resolutions relating to this course
- with effect from 1 January 2010, as set out in the report presented.

6.2 Faculty of Arts and Faculty of Law: Bachelor of Political, Economic and Social Sciences/Bachelor of Laws and Bachelor of Economic and Social Sciences/Bachelor of Laws

Members noted that this proposal had been held over from the previous meeting. This motion was to delete the Bachelor of Economic and Social Sciences/Bachelor of Laws combined degree, replacing it with the Bachelor of Political, Economic and Social Sciences/Bachelor of Laws combined degree. Dr Bronwyn Winter told the Committee she had no further information to present and Dr Fiona Burns also had no additional comments.

The motion was passed unanimously, moved by Dr Winter and seconded by Dr J Hanrahan.

Resolution 31/09

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) approve the proposal from the Faculty of Arts and Faculty of Law to introduce the Bachelor of Political, Economic and Social Sciences/Bachelor of Laws combined degree and delete the Bachelor of Economic and Social Sciences/Bachelor of Laws combined degree;
- (2) recommend that Senate:
 - (a) endorse the Academic Board's approval of the proposal,
 - (b) approve the amendment of the Resolutions of the Senate relating to the Degrees, Diplomas and Certificates in the Faculty of Arts and the Bachelor of Laws, and
 - (c) approve the adoption of the new Resolutions of the Senate relating to the Bachelor of Political, Economic and Social Sciences/Bachelor of Laws combined degree and the rescission of the Resolutions of Senate related to the Bachelor of Economic and Social Sciences/Bachelor of Laws combined degree,
- (3) note the Resolutions of the Faculty relating to the Bachelor of Political, Economic and Social Sciences/Bachelor of Laws combined degree, made pursuant to the University of Sydney (Coursework) Rule 2000 (as amended);
- (4) approve the faculty requirements relating to admission, units of study, the pass degree, the combined degree, the honours degree, specially designated streams and award of the combined degree; and
- (5) approve the deletion of the Resolutions of the Faculty related to the Bachelor of Economic and Social Sciences/Bachelor of Laws and the amendment of the Resolutions of the Faculty related to the Bachelor of Laws,

with effect from 1 January 2010, as set out in the report presented.

6.3 Faculty of Education and Social Work: Bachelor of Education (Early Childhood)

Dr Robyn Gibson presented this proposal to the Committee. She began by explaining that an early childhood specialist education degree had existed in

the early 1990s but was dropped because of resourcing issues. Since then, she said, the Faculty of Education and Social Work had received routine enquires about the program from school leavers (who were directed to Macquarie University) and had also acquired staff with expertise in the area. The Faculty ran a pilot early childhood masters stream last year which attached a cohort of 12 students with no additional marketing, showing demand for the course clearly existed.

The proposed degree will mirror the Bachelor of Education (Primary) and be a 4-year, full time program, initially with a restricted intake of 20-25 students. The program will receive its accreditation from the Department of Community Services (DOCS) and be distinct from early childhood programs offered by other universities in focussing on children aged between 0-5 years.

The Chair asked why some of the proposed units of study appeared to be postgraduate units. Dr Gibson explained that these were undergraduate units from the Bachelor of Teaching exit point of the 5-year Masters of Teaching program.

The Chair also pointed out that in the second and third year of the proposed program, students were required to take eight credit points in either Arts, Science or Economics and Business. However, these faculties only offer units worth six credit points. Dr Gibson agreed this was a problem that would have to be addressed, but added that students outside the Faculty of Education and Social Work could not enrol in the education units with non-standard credit point values.

Dr Bronwyn Winter asked at this point why some units were worth only two credit points. Gibson replied that this was the case for a large number of units in the Bachelor of Education, as accrediting bodies DOCS and the NSW Institute of Teachers require a clear record on transcripts that students have studied all required policy areas, for example, child protection.

The Chair commented that the Faculty of Education and Social Work offered a large number of distinct bachelor degrees, which went against the University's move towards reducing the number of specialist undergraduate programs. He suggested the Faculty might consider in the future having primary, secondary and early teaching as streams or majors of one Bachelor of Education, rather than as separate degrees. This would significantly ease the Faculty's administration and procedural load. Dr Gibson agreed there would be benefits to the Chair's suggestion, but pointed out that the Faculty's accrediting bodies wanted the relevant area of study to be included in the specific degree title, requiring them to be created as separate degrees.

Dr Doug Auld commented that accrediting bodies for the Faculty of Engineering and Information Technologies programs were happy with the stream/major model, and Ms Jane Gavan agreed that a similar model worked for the Sydney College of the Arts. General discussion from the Committee came to the conclusion that the requirements of accreditation bodies differ significantly between faculties.

The motion was passed unanimously, moved by Ms J Gavan and seconded by Dr S Cumming.

Resolution 32/09

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) approve the proposal from the Faculty of Education and Social Work to introduce the Bachelor of Education (Early Childhood) degree;
 - (2) recommend that Senate:
 - (a) endorse the Academic Board's approval of the proposal,
 - (b) approve the amendment of the Resolutions of the Senate relating to the Degrees, Diplomas and Certificates in the Faculty of Education and Social Work, and
 - (c) approve the adoption of the new Resolutions of the Senate relating to this course,
 - (3) note the Resolutions of the Faculty relating to the degree, made pursuant to the University of Sydney (Coursework) Rule 2000 (as amended); and
 - (4) approve the faculty requirements relating to admission, units of study, the pass degree, the combined degree, the honours degree, specially designated streams and award of the degree;
- with effect from 1 January 2010, as set out in the report presented.

6.4 Faculty of Engineering and Information Technologies and Faculty of Law: Bachelor of Information Technology/Bachelor of Laws

Dr Doug Auld presented this proposal to the Committee. The proposed degree is firstly in response to there being no combined information technology (IT) and law degree available for students at the University. Secondly, there is a small but definite industry demand for graduates in both IT and law. Dr Auld explained that industry research showed there was a significant amount of legal material online that needs to be managed not only by an IT expert, but by someone who understands the workings of standard legal structure.

The proposed 6-year course would have a small student load and be similar in structure to other combined law degrees, with the last two years focussing on law. The normal Faculty of Law entry and submission criteria would apply. Dr Cattle asked why some course units had a credit point value of zero, Dr Auld explained that these were required units – similar to professional practice requirements – that did not otherwise fit into the program.

The motion was passed unanimously, moved by the Chair and seconded by Dr B Winter.

Resolution 33/09

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) approve the proposal from the Faculty of Engineering and Information Technologies and Faculty of Law to introduce the Bachelor of Information Technology/Bachelor of Laws combined degree;
- (2) recommend that Senate:
 - (a) endorse the Academic Board's approval of the proposal,
 - (b) approve the amendment of the Resolutions of the Senate relating to the Degrees, Diplomas and Certificates in the Faculty of Engineering and Information Technologies and the Bachelor of Laws, and
 - (c) approve the adoption of the new Resolutions of the Senate relating to this course,
- (3) note the Resolutions of the Faculty relating to the combined degree, made pursuant to the University of Sydney (Coursework) Rule 2000 (as amended); and
- (4) approve the faculty requirements relating to admission, units of study, the pass degree, the combined degree, the honours degree, specially designated streams and award of the combined degree and the

amendment of the Resolutions of the Faculty related to the Bachelor of Laws;
with effect from 1 January 2010, as set out in the report presented.

6.5 Faculty of Health Sciences and Faculty of Science: Bachelor of Applied Science (Exercise and Sport Science)/Bachelor of Science (Nutrition)

Dr Steve Cumming presented this proposal to the Committee. He explained that as the Bachelor of Science (Nutrition) had been deleted it was therefore necessary to delete this combined degree, which would be replaced by the Bachelor of Applied Science (Exercise and Sport Science)/Master of Nutrition and Dietetics. Mr Noah White asked if any Commonwealth supported places in the combined bachelor degree would be carried over into the combined bachelor/masters program. Dr Cummings replied that he was unsure and it would be best to ask Professor David Day (who at this point had not arrived at the Committee meeting).

The Chair commented that combined undergraduate/postgraduate degrees are proliferating and that it was important for the Undergraduate Studies Committee (as well as the Graduate Studies Committee) to always check such offerings to ensure there was a good undergraduate exit strategy for students wishing to switch degrees. He invited any further comments from the Committee on this issue to be fed back to him.

The motion was passed unanimously, moved by the Dr F Burns and seconded by Dr S Cumming.

Details of the replacement Bachelor of Applied Science (Exercise and Sport Science)/Master of Nutrition and Dietetics program were circulated to committee members after the meeting.

Resolution 34/09

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) approve the proposal from the Faculty of Health Sciences and the Faculty of Science to delete the Bachelor of Applied Science (Exercise and Sport Science)/Bachelor of Science (Nutrition) combined degree;
- (2) recommend that Senate:
 - (a) endorse the Academic Board's approval of the proposal,
 - (b) approve the amendment of the Resolutions of the Senate relating to the Degrees, Diplomas and Certificates in the Faculty of Health Sciences and the Degrees, Diplomas and Certificates in the Faculty of Science, and
 - (c) approve the rescission of the Resolutions of the Senate relating to this course, and
- (3) approve the deletion of the Faculty Resolutions relating to this course with effect from 1 January 2010, as set out in the report presented.

6.6 Faculty of Science and Faculty of Arts: Bachelor of Science/Bachelor of Arts

This item was presented at the end of the meeting due to the 11am arrival of Professor David Day, who presented this proposal to the Committee. Professor Day explained the proposal came out of recommendations from the Provost's Academic Working Party he chaired for the creation of a liberal arts and science degree. As part of this, the current 5-year combined arts/science degree was reviewed. The conclusion was reached that a 4-year model would work better for two reasons – one, the existing program wasn't

retaining students; two, that there was a natural space for the 4-year program following the deletion of the Bachelor of Liberal Studies.

Professor Day, with additional comments from Associate Professor Charles Collyer, explained that five years (six years with honours) is very long for a generalist degree with no professional outcome. Most students enrolled in the programs switched to the single arts or science stream, where they completed their honours. The 4-year arts/science model would therefore appeal to students, despite a slight loss of flexibility.

Furthermore, the 4-year arts/science model is already being offered by competing Group of 8 (Go8) universities, including the University of New South Wales. The program will require 192 credit points (Associate Professor Collyer pointed out a typing error in the proposal still referred in one place to the 5-year 240 credit points) with at least 96 science and 72 arts credit points (the minimum requirements for these faculties).

Mr Noah White asked if students in their fifth year of the combined arts/science degree when the 4-year model begins will be able to exit the course. Professor Day replied that they would, assuming they have completed the minimum credit points required in arts and science. Dr Steve Cumming asked if students will be able to do all possible majors in the 4-year model, to which Professor Day replied yes. Dr Doug Auld asked if it would be possible for students to do both arts and science honours in a single year, which opened up discussion about different honours programs at the University. Dr Bronwyn Winter pointed out that joint honours and double honours could already be taken in the Faculty of Arts.

The motion was passed unanimously, moved by Professor A Boyd and seconded by Dr C Collyer.

Resolution 35/09

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) approve the proposal from the Faculty of Science and the Faculty of Arts to amend the Bachelor of Science/Bachelor of Arts combined degree;
- (2) recommend that Senate:
 - (a) endorse the Academic Board's approval of the proposal, and
 - (b) approve the amendment of the Resolutions of the Senate relating to the course,
- (3) note the Resolutions of the Faculty relating to the course, made pursuant to the University of Sydney (Coursework) Rule 2000 (as amended); and
- (4) approve the faculty requirements relating to admission, units of study, the pass degree, combined degrees, the honours degree, specially designated streams and award of the degree,

with effect from 1 January 2010, as set out in the report presented.

7. Reports from Faculties

7.1 Faculty of Engineering and Information Technologies: Bachelor of Engineering/Bachelor of Medical Science

Dr Doug Auld explained to the committee that slight changes to the Bachelor of Medical Science program needed to be reflected in the Faculty of Engineering and Information Technologies' combined Engineering/ Medical Science degree.

The motion was passed unanimously, moved by the Dr D Auld and seconded by Dr B Winter.

Resolution 36/09

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) note the report of the Faculty of Engineering and Information Technologies regarding amendments to the Bachelor of Engineering/Bachelor of Medical Science combined degree; and
 - (2) approve the amendments to the Faculty Resolutions for the course relating to course requirements
- with effect from 1 January 2010, as set out in the report presented.

7.2 Faculty of Law: Bachelor of Laws and combined degrees

Dr Fiona Burns told the committee that elective modules in the Bachelor of Laws degree are being reconfigured from eight to six credit points.

The motion was passed unanimously, moved by the Dr F Burns and seconded by Dr B Winter.

Resolution 37/09

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) note the report of the Faculty of Law regarding amendments to units of study in the Bachelor of Laws and associated combined degrees; and
 - (2) approve the amendments to the Faculty Resolutions for the courses relating to units of study
- with effect from 1 January 2010, as set out in the report presented.

7.3 Sydney Conservatorium of Music

The motions for 7.3.1, 7.3.2 and 7.3.3 were passed as a block unanimously, moved by Professor A Boyd and seconded by Dr B Winter.

(1) Bachelor of Music, Bachelor of Music Studies and Bachelor of Music Studies/Bachelor of Arts

Professor Anne Boyd presented to the committee on minor amendments to the Bachelor of Music, Bachelor of Music Studies and Bachelor of Music Studies/Bachelor of Arts.

Resolution 38/09

That the Undergraduate Studies Committee recommend that the Academic Board note the report of the Sydney Conservatorium of Music regarding changes to units of study in the Bachelor of Music, the Bachelor of Music Studies and the Bachelor of Music Studies/Bachelor of Arts.

(2) Bachelor of Music (Music Education)

Professor Boyd discussed how minor changes to the bachelor of music (music education) were necessary to meet information and communication technology (ICT) requirements for accreditation with the NSW Institute of Teachers.

Resolution 39/09

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) note the report of the Sydney Conservatorium of Music regarding changes to a unit of study in the Bachelor of Music (Music Education); and

- (2) approve the amendments to the Faculty Resolutions for the course relating to course requirements with effect from 1 January 2010, as set out in the report presented.

(3) Bachelor of Music (Jazz Performance)

Professor A Boyd discussed minor amendments to the course structure for the Bachelor of Music (Jazz Performance).

Resolution 40/09

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) note the report of the Sydney Conservatorium of Music regarding changes to units of study in the Bachelor of Music (Jazz Performance); and
- (2) approve the amendments to the Faculty Resolutions for the course relating to course requirements with effect from 1 January 2010, as set out in the report presented.

9. General business

Dr Bronwyn Winter suggested that future agendas be created as a single, numbered document containing all supporting proposals. The Chair and Ms Megan Kemmis explained this was previously done but there had been problems with Committee members unable to receive emails with very large attachments. Ms Kemmis also said supporting documents were often not received on time, leading to the difficulty of distributing a timely agenda. The current system of uploading supporting documents on the Undergraduate Studies Committee website had been developed in response to this, with hyperlinks to the relevant documents embedded in the agenda. Dr Winter asked if the agenda email could better alert Committee members if there were multiple documents for download on the website.

The question was also raised if late changes to agenda items could be edited into the existing agenda, rather than as a supplementary agenda item. The Chair and Ms Kemmis pointed out that under this system, Committee members who had already downloaded or printed the original agenda would not have the most recent changes. It was agreed to keep late changes and additions to the agenda as supplementary agenda items.

The Chair then went on to discuss the method of 'mothballing' degrees, questioning whether it was appropriate to formally delete degrees when students were still enrolled in them. He suggested courses should be given a status of obsolete before being automatically deleted after approximately three years, without the course having to come back to the Academic Board for discussion. Mr David Bowan and other committee members replied that while no official cross-faculty procedure existed, what the Chair described was essentially what already took place – the degree continues to formally exist but accepts no new enrolments. There was general discussion amongst the Committee with Dr Steve Cumming adding that 'zombie' units – those units within a degree programs that are no longer offered but are not officially deleted – can be more of a problem. The consensus was that although no official 'sunset clause' for deleted degrees existed the issue was not problematic enough for further investigation.

10. Next meeting

The Committee noted that the next meeting will be held on 10 June 2009 in the Western Tower Room.

Agenda Item 5 Report of the Academic Board

5.1 Report of the Academic Board meeting held on 27 May 2009

The agenda for the meeting of the Academic Board on 27 May 2009 may be accessed on the web: <http://www.usyd.edu.au/su/ab/>.

5.1.1 Approval of New and Amended Courses

The Academic Board approved proposals for the following new and amended courses:

- Faculty of Agriculture, Food and Natural Resources: introduction of the Bachelor of Environmental Systems and the deletion of the Bachelor of Horticultural Science and the Bachelor of Land and Water Science;
- Faculty of Arts and Faculty of Law: introduction of the Bachelor of Political, Economic and Social Sciences/Bachelor of Laws and the deletion of the Bachelor of Economic and Social Sciences/Bachelor of Laws;
- Faculty of Education and Social Work: introduction of the Bachelor of Education (Early Childhood);
- Faculty of Engineering and Information Technologies and Faculty of Law: introduction of the Bachelor of Information Technology/Bachelor of Laws;
- Faculty of Health Sciences and Faculty of Science: deletion of the Bachelor of Applied Sciences (Exercise and Sport Science)/Bachelor of Science (Nutrition); and
- Faculty of Science and Faculty of Arts: amendments to the Bachelor of Science/Bachelor of Arts.

5.1.2 Reports from Faculties

The Academic Board noted reports from the following faculties regarding minor amendments to courses:

- Faculty of Engineering and Information Technologies: amendments to the Bachelor of Engineering/Bachelor of Medical Science;
- Faculty of Law: amendments to the Bachelor of Laws and related combined degrees; and
- Sydney Conservatorium of Music: amendments to the Bachelor of Music, Bachelor of Music Studies, Bachelor of Music Studies/Bachelor of Arts, Bachelor of Music (Music Education) and Bachelor of Music (Jazz Performance).

5.1.3 Proceedings of the Committee

The Academic Board noted the proceedings of the Undergraduate Studies Committee meeting held on 6 May 2009.

5.1.4 Other matters

The Academic Board also:

- discussed the development of the University's new Strategic Plan;
- noted the need to develop a framework for the development and approval of coursework doctorates;
- received a report from the Chair on developments regarding the review of the Academic Board;
- approved the appointment of a new academic staff member to the Academic Board to fill a casual vacancy;
- noted the report of the representative of the Vice-Chancellor on the definition of 'student' and the development of the University Economic Model;
- noted the Academic Board Review Phase Three Report for the Sydney College of the Arts; and
- approved the membership of the Central Promotions Committees for 2009.

Agenda Item 7

Proposals for new and amended undergraduate courses

7.1 Faculty of Architecture, Design and Planning: Bachelor of Design in Architecture [separate attachment](#)

The Faculty of Architecture, Design and Planning is proposing to amend the structure of the current Bachelor of Design in Architecture to provide greater transparency for stakeholders (students, staff, industry); remove outmoded teaching practices; provide a better transition to the postgraduate Master of Architecture; and increase flexibility for interdisciplinary, institutional and international connections.

The full proposal is available on the Committee's website at:

http://www.usyd.edu.au/ab/committees/UG_studies/docs/2009/CourseAmmendment_BDesignArchitecture.pdf

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) *approve the proposal from the Faculty of Architecture, Design and Planning to amend the Bachelor Of Design in Architecture;*
- (2) *recommend that Senate endorse the Academic Board's approval of the proposal,*
- (3) *note the Resolutions of the Faculty relating to the degree, made pursuant to the University of Sydney (Coursework) Rule 2000 (as amended); and*
- (4) *approve the faculty requirements relating to the pass degree, with effect from 1 January 2010, as set out in the report presented.*

7.2 Faculty of Health Science

(1) Bachelor of Health Science (Aboriginal Health & Community Development) [separate attachment](#)

The Faculty of Health Science is proposing deletion of the Bachelor of Health Science (Aboriginal Health & Community Development) due to low demand and the fact that Indigenous Health Workers' training is now managed at Certificate III and IV levels. Discussions are currently being held within the Faculty to develop a new major in Indigenous Health and Community Development to address demand for courses in Indigenous health.

The full proposal is available on the Committee's website at:

http://www.usyd.edu.au/ab/committees/UG_studies/docs/2009/DeletedCourse_BHealthSci_AHCD.pdf

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) *approve the proposal from the Faculty of Health Science to delete the Bachelor of Health Science (Aboriginal Health & Community Development); and*
- (2) *recommend that Senate:*
 - (a) *endorse the Academic Board's approval of the proposal,*
 - (b) *approve the amendment of the Resolutions of the Senate relating to the Bachelor of Health Science**with effect from 1 January 2010, as set out in the report presented.*

(2) Bachelor of Applied Science (Medical Radiation Sciences): Nuclear Medicine, Radiation Therapy, Nuclear Medicine (Honours) and Radiation Therapy (Honours) streams [separate attachment](#)

The Faculty of Health Sciences is proposing deletion of the Nuclear Medicine and Radiation Therapy streams (including the associated honours programs) of the Bachelor of Applied Science (Medical Radiation Sciences), as these two streams continue to have ongoing difficulty achieving quota at an entry level that is in line with the University's plan.

The full proposal is available on the Committee's website at:

http://www.usyd.edu.au/ab/committees/UG_studies/docs/2009/DeletedCourse_BAppSci_MRS_NM&RT.pdf

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) *approve the proposal from the Faculty of Health Science to delete the Bachelor of Applied Science (Medical Radiation Sciences): Nuclear Medicine, Radiation Therapy, Nuclear Medicine (Honours) and Radiation Therapy (Honours) streams; and*
- (2) *recommend that Senate:*
 - (a) *endorse the Academic Board's approval of the proposal,*
 - (b) *approve the amendment of the Resolutions of the Senate relating to the Bachelor of Applied Science*

with effect from 1 January 2010, as set out in the report presented.

(3) Bachelor of Applied Science (Exercise, Sport Science and Nutrition) and Bachelor of Applied Science (Exercise, Sport Science and Nutrition) Honours [separate attachment](#)

The Faculty of Health Sciences is proposing deletion of the Bachelor of Applied Science (Exercise, Sport Science and Nutrition) and its honours stream. Students in this course have to first enrol in the Bachelor of Applied Science (Exercise & Sport Science)/Bachelor of Science (Nutrition), which has recently been approved for deletion. The Bachelor of Applied Science (Exercise, Sport Science and Nutrition) therefore becomes obsolete as students will not complete sufficient nutrition content.

The full proposal is available on the Committee's website at:

http://www.usyd.edu.au/ab/committees/UG_studies/docs/2009/DeletedCourse_BHealthSci_FHS%20Ex%20SpSc%20Nutr.pdf

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) *approve the proposal from the Faculty of Health Science to delete the Bachelor of Applied Science (Exercise, Sport Science and Nutrition) and Bachelor of Applied Science (Exercise, Sport Science and Nutrition) Honours; and*
 - (2) *recommend that Senate:*
 - (a) *endorse the Academic Board's approval of the proposal,*
 - (b) *approve the amendment of the Bachelor of Applied Science,*
- with effect from 1 January 2010, as set out in the report presented.*

Agenda Item 8 Reports from Faculties

8.1 Faculty of Engineering and Information Technologies: Bachelor of Engineering

page [20](#)

The Faculty of Engineering and Information Technologies is proposing to make minor amendments to the Bachelor of Engineering. This includes a new unit of study 'Regulatory Affairs in the Medical Industry' as a fourth year biomedical elective in the School of Aerospace, Mechanical and Mechatronic Engineering; new research oriented project subjects for talented students in the School of Information Technologies; and minor changes to electives in the School of Civil Engineering.

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board note the report of the Faculty of Engineering and Information Technologies regarding amendments to units of study in the Bachelor of Engineering degree, with effect from 1 January 2010, as set out in the report presented.

8.2 Faculty of Economics and Business: Bachelor of Commerce (Liberal Studies)

pages [21-24](#)

The Faculty of Economics and Business is proposing to introduce two new compulsory units of study in the Bachelor of Commerce (Liberal Studies) which provide an introduction to the external and internal contexts in which business operates in the twenty-first century.

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board:

- (1) note the report of the Faculty of Economics and Business regarding introduction of new units of study in the Bachelor of Commerce (Liberal Studies); and*
- (2) approve the amendments to the Faculty Resolutions for the course relating to units of study*

with effect from 1 January 2010, as set out in the report presented.

8.3 Faculty of Health Science: Bachelor of Applied Science (Speech Pathology) Pass and Bachelor of Applied Science (Speech Pathology) Honours

pages [25-38](#)

The Faculty of Health Science is proposing to modify current speech pathology undergraduate programs to comply with the University's initiative to convert all units of study to six credit points.

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board note the report of the Faculty of Health Science regarding amendments to units of study in the Bachelor of Applied Science (Speech Pathology) Pass and Bachelor of Applied Science (Speech Pathology) Honours, with effect from 1 January 2010, as set out in the report presented.

8.4 Faculty of Pharmacy: Bachelor of Pharmacy

pages [39-41](#)

The Faculty of Pharmacy is proposing adoption of new units of study in the third year Bachelor of Pharmacy curriculum.

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board note the report of the Faculty of Pharmacy regarding new units of study in the Bachelor of Pharmacy with effect from 1 January 2010, as set out in the report presented.

8.5 Faculty of Veterinary Science: Bachelor of Animal and Veterinary Biosciences

pages [42-45](#)

The Faculty of Veterinary Science is proposing two new third-year units of study, 'Agents of disease' and 'Laboratory disease investigation' to the Bachelor of Animal and Veterinary Biosciences.

Recommendation

That the Undergraduate Studies Committee recommend that the Academic Board note the report of the Faculty of Veterinary Science regarding introduction of new units of study in the Bachelor of Animal and Veterinary Biosciences with effect from 1 January 2010, as set out in the report presented.

Minor Course Amendment Proposal

Faculty/Board of Studies: Faculty of Engineering and IT
Committee of Undergraduate Studies

Contact person: Dr Doug Auld
Associate Dean Undergraduate
Engineering and IT

Name of award course Bachelor of Engineering

At the Faculty of Engineering and IT Board Meeting on 17 March 2009 the following changes to units of study were approved for 2010.

Changes to UoS's for 2010

The School of AMME have recommended to Faculty changes to UoS's (to be effective from the start of 2010). The following recommendation will be considered at the follow-up CUS meeting.

AMME4992 Regulatory Affairs in the Medical Industry 4th year Biomedical Elective

The School of IT have recommended to Faculty new UoS's (to be effective from the start of 2010).

The following Talented Student Program-like subjects for the high-achieving students; they are research oriented project subjects.

INFO1911: IT Special Project 1A (Sem1) 6cps
INFO1912: IT Special Project 1B (Sem2) 6cps

INFO2911: IT Special Project 2A (Sem1) 6cps
INFO2912: IT Special Project 2B (Sem2) 6cps

INFO3911: IT Special Project 3A (Sem1) 6cps
INFO3912: IT Special Project 3B (Sem2) 6cps

The School of Civil Engineering have requested the following minor changes,

The following electives are to be deleted.

CIVL4240 Concrete Structures 2
CIVL4241 Steel Structures 2

The 4th year elective CIVL4414 Finite Element Analysis is to be deleted and replaced by a renamed CIVL54** Numerical Methods in Civil Engineering, 5000 level unit.

Signature of Dean

Minor Course Amendment Proposal

Faculty/Board of Studies: Economics and Business

Contact person: Carole Comerton-Forde

1. Name of award course

Bachelor of Commerce (Liberal Studies)

2. Purpose of proposal

To amend the degree resolutions for the Bachelor of Commerce (Liberal Studies) to ensure that all students are required to study two units which provide an introduction to the external and internal contexts in which business operates in the twenty-first century. These units will also focus on the development of problem solving, critical analysis and communication skills. These units will replace the current core unit ECOF 1001: Communication and critical analysis.

3. Details of amendment

Amend the Bachelor of Commerce (Liberal Studies) degree resolutions as follows:

2. Requirements for the Bachelor of Commerce (Liberal Studies)

2.1 To qualify for the award of the pass degree a student must complete successfully units of study amounting to a total of 192 credit points, including:

2.1.1 ~~One~~ Two compulsory junior units of study (~~6~~ 12 credit points), as specified in the Faculty of Economics and Business Handbook;

2.1.2 at least 24 credit points of units of study from the Faculty of Arts;

2.1.3 at least 12 credit points of units of study from the Faculty of Science;

2.1.4 2 majors (minimum 36 senior credit points each), comprising units of study as specified in the Faculty of Economics and Business Handbook, one taken from each side of the columns in the table below:

4. Transitional arrangements

If the proposed amendment(s) will affect students who are currently enrolled, include details of any transitional arrangements.

There are currently 47 students enrolled in the Bachelor of Commerce (Liberal Studies) that have not yet completed ECOF1001. These students will be contacted to encourage them to complete ECOF1001 in semester 1, 2010. If a significant number of students are unable to complete the unit at this time, it will be offered again in 2011.

Students will also be given the opportunity to substitute ECOF1001 with the two new units which are being offered in 2010.

5. Other relevant information

6. Signature of Dean

Bachelor of Commerce (Liberal Studies)

1. Units of study

1.1 The units of study which may be taken for the Bachelor of Commerce (Liberal Studies) are set out under the tables of undergraduate units of study in the Faculty of Economics and Business Handbook, together with:

- 1.1.1 designation as junior, senior or honours level;
- 1.1.2 credit point value;
- 1.1.3 the units of study with which they are mutually exclusive;
- 1.1.4 the semesters in which they are offered;
- 1.1.5 corequisites/prerequisites/assumed learning/assumed knowledge;
- 1.1.6 the faculty responsible for the unit of study; and
- 1.1.7 any special conditions.

2. Requirements for the Bachelor of Commerce (Liberal Studies)

2.1 To qualify for the award of the pass degree a student must complete successfully units of study amounting to a total of 192 credit points, including:

- 2.1.1 4 Two compulsory junior units of study (6 12 credit points), as specified in the Faculty of Economics and Business Handbook;
- 2.1.2 at least 24 credit points of units of study from the Faculty of Arts;
- 2.1.3 at least 12 credit points of units of study from the Faculty of Science;
- 2.1.4 Two majors (minimum of 36 senior credit points each), comprising units of study as specified in the Faculty of Economics and Business Handbook, one taken from each side of the columns in the table below:

<i>I</i>	<i>II</i>
	All subject areas listed in column <i>I</i> as well as:
Accounting	Agricultural Economics
Commercial Law	Business Information Systems
Econometrics	Computer Science
Economics	Financial Mathematics
Finance	Government and International Relations
Industrial Relations and Human Resource Management	Operations Management and Decision Sciences
International Business	Mathematics
Management	Political Economy
Marketing	

2.1.5 no more than 96 credit points of junior units of study; and at least 108 credit points from the Faculty of Economics and Business as indicated in the tables of undergraduate units of study

3. Requirements for the honours degree

3.1 The Bachelor of Commerce (Liberal Studies) may be awarded either with honours in any of the subject areas where honours units are listed in the tables of undergraduate units of study or, as approved by the Faculty of Economics and Business, with joint honours in two of these subject areas.

3.2 Honours may also be awarded in any other area offered by another Faculty of the University, as approved by the Faculty of Economics and Business.

3.3 To qualify for the award of the honours degree a student must complete successfully an additional year of study (the honours year), as specified in the Faculty of Economics and Business Handbook.

3.4 To enrol in the honours year, a student must satisfy the following:

- 3.4.1 successful completion of the requirements for the pass degree;
- 3.4.2 confirmation of the student's eligibility for entry to the honours year from the relevant Discipline(s)/Department; and

3.4.3 any other requirements for entry into the honours year set by the relevant Discipline(s)/Department and the Faculty of Economics and Business, unless otherwise approved by the Faculty of Economics and Business.

3.5 The classes for the award of honours are specified in the following table:

Description	Mark range
Honours Class I and University Medal*	90 to 100*
Honours Class I	80 to 100
Honours Class II (Division 1)	75 to 79
Honours Class II (Division 2)	70 to 74
Honours Class III	65 to 69
Pass	50 to 64

**Please note: This is a minimum criterion only, other criteria apply.*

4. Award of Bachelor of Commerce (Liberal Studies)

4.1 The Bachelor of Commerce (Liberal Studies) may be awarded in two grades, namely pass and honours.

4.2 The testamur for the pass degree shall specify the major(s) completed.

4.2.1 The testamur for the honours degree shall specify the subject area(s) and the grade of honours.

4.2.2 It shall not include majors.

Minor Course Amendment Proposal

Faculty/Board of Studies: Economics and Business

Contact person: Carole Comerton-Forde

1. Name of award course

All undergraduate award courses administered by the Faculty of Economics and Business

2. Purpose of proposal

To advise the Undergraduate Studies Committee of the adoption of new units of study and deletion and amendments to units of study.

3. Details of amendment

The following units of study have been approved:

FINC3xxx: Fixed income securities

ECOS3xxx: Economics of growth

ECOS3xxx: Capital and Dynamics

ECOF1xxx: Business and Economic Statistics A (Advanced)

ECOF3xxx: Integrated Business Applications [this unit only available for BCom and BCom combined degrees]

The following unit of study has been deleted:

ECOS3001: Capital and Growth

The name of CLAW1001 has been changed from Commercial Transactions A to Foundations of Business Law.

4. Transitional arrangements

The new units of study will be available to students who are currently enrolled. No transitional arrangements are required.

5. Other relevant information

6. Signature of Dean

Minor Course Amendment Proposal

Faculty/Board of Studies: Health Sciences

Contact person: Dr Tricia McCabe, Course Coordinator (Curriculum)

1. Name of award course

Bachelor of Applied Science (Speech Pathology) Pass
Bachelor of Applied Science (Speech Pathology) Honours

2. Purpose of proposal

It is proposed to modify current speech pathology undergraduate programs to comply with the University's initiative to convert all units of study to six credit points.

3. Details of amendment

No changes will be required to Senate or Faculty Resolutions.

4. Transitional arrangements

Students who are currently enrolled in the pass and honours courses will continue to progress through the courses. In the event that students have not completed units of study that have been phased out, students will attend relevant classes in the revised course. These students will be provided with teaching material and assessment approaches that will reflect the number of credit points relevant to their course code. This will enable the students to progress in a timely manner.

	Commencement of proposed 6 credit point program			
Year of Admission	2010	2011	2012	2013
2007	Current Year 4			
2008	Current Year 3	Current Year 4		
2009	Current Year 2	Current Year 3	Current Year 4	
2010	Proposed Year 1	Proposed Year 2	Proposed Year 3	Proposed Year 4

5. Other relevant information

Proposed curriculum progression (see attached).

6. Signature of Dean or delegate

.....
Dr Steve Cumming
Acting Director, Learning & Teaching
Associate Dean

Date:

Bachelor of Applied Science (Speech Pathology) Pass SH128
Bachelor of Applied Science (Speech Pathology) Honours SH129

As At 15 May 2009 - Version 2

For new enrolments 2010 onwards

3.1.20 Units of Study offered in proposed award course:

(a). Existing units of study

UOS CODE	UOS NAME	Core/ Elective	Faculty	ASCED	Session	CP	Prerequisites Corequisites Assumed knowledge
Year 1 Semester 1							
BIOS1163	Speech Science	Core	Medicine	010999	1	6	
BIOS1167	Human Cell Biology	Core	Medicine	010999	1	6	A Basic Chemistry
CSCD1032	Human Communication	Core	Health Sciences	061707	1	6	
Year 1 Semester 2							
BACH 1165	Psychology and cognitive factors	Core	Health Sciences	061707	2	6	
BIOS 1165	Hearing Science and Audiology	Core	Medicine	010999	2	6	
BIOS 1166	Neuroscience 1: Communication Disorders	Core	Medicine	010999	2	6	
CSCD 1033	Child Phonology	Core	Health Sciences	061707	2	6	A CSCD10XX Linguistics, Phonetics and Articulation; CSCD1032 Human Communication
Year 2 Semester 1							
BIOS2062	Neuroscience 2: Communication Disorders	Core	Medicine	010999	1	6	P BIOS1166 Neuroscience 1
CSCD2057	Child language	Core	Health Sciences	061707	1	6	P CSCD10XX Linguistics, Phonetics and Articulation; CSCD1032 Human Communication C: CSCD20XX Introductory Practice 1: Clinical Or CSCD20XX Introductory Practice 1: Community
CSCD2058	Stuttering	Core	Health Sciences	061707	1	6	A CSCD1032 Human Communication
Year 2 Semester 2							
BACH2142	Cognitive Neuropsychology	Core	Health Sciences	090701	2	6	BACH1165 Psychology and Cognitive Factors
BACH2143	Counselling and Behaviour Management for Communication	Core	Health Sciences	090701	2	6	

	on Disorders						
CSCD2062	Motor Speech and Dysphagia	Core	Health Sciences	061707	2	6	P BIOS1166 Neuroscience 1; A BIOS1163 Speech Science
Year 3 Semester 1							
CSCD30XX	Lifelong Disability and AAC	Core	Health Sciences	061707	1	6	P CSCD1032 Human Communication
CSCD30XX	Neurogenic Language Disorders	Core	Health Sciences	061707	1	6	A BIOS2062 Neuroscience 2: Communication Disorders P BIOS1166 Neuroscience 1
CSCD30XX	Specialist Studies	Core	Health Sciences	061707	1	6	P: BIOS1165 Hearing Science and Audiology
	Year 3 Semester 2						
CSCD30XX	Phonology, Language and Literacy	Core	Health Sciences	061707	2	6	P:CSCD1033 Child Phonology; CSCD20xx Introductory Practice 2: Community; CSCD20xx Introductory Practice 2: Clinical; CSCD2057 Child Language
BACH1143	Designing Health Research	Core	Health Sciences	090701	2	3	NB This UOS is remaining in the degree for 2010 ONLY – it will be replaced by a 6CP uos in 2011
Year 4							
CSCD40XX	Evidence Based Practice for Speech Pathology ¹	Core	Health Sciences	061707	1, 2	6	P: Completion of all year 3 units
CSCD40XX	Professional Issues	Core	Health Sciences	061707	1, 2	6	C CSCD40XX Advanced Practice: Mentoring A OR CSCD40xx Advanced Practice: Mentoring B OR CSCD40xx Advanced Practice: Mentoring H

¹ Student who have not completed all Year 3 units require departmental permission to enrol in this unit.

(b). New units of study

UOS CODE	UOS NAME	Core/Elective	Faculty	ASCED	Cum'land Campus Session	CP	Prerequisites Corequisites Assumed knowledge	Replacing
YEAR 1 SEMESTER 1								
CSCD10XX To start 2010	Linguistics, Phonetics and Articulation	Core	Health Science	061707	1	6	A Traditional grammar	Clinical Linguistics CSCD1030 3cp Clinical Phonetics & Articulation CSCD1031 3cp
Year 2 Semester 1								
CSCD20XX To start 2010	Introductory Practice 1: Community	Core	Health Science	061707	1	6	P CSCD10XX Linguistics, Phonetics and Articulation; CSCD1032 Human Communication C: CSCD2057 Child language	CSCD2059 Clinical Processes 3cp CSCD2061 Introductory Practice 1: Community 3cp
OR								
CSCD20XX To start 2010	Introductory Practice 1: Clinical	Core	Health Science	061707	1	6	P CSCD10XX Linguistics, Phonetics and Articulation; CSCD1032 Human Communication C: CSCD2057 Child language	CSCD2059 Clinical Processes 3cp CSCD2060 Introductory Practice 1: Clinical 3cp
Year 2 Semester 2							International Semester	
CSCD20XX To start 2010	Introductory Practice 2: Clinical	Core	Health Science	061707	2,	6	P CSCD20XX Intro practice 1: Community	CSCD30xx Clinical Case Management 3cp CSCD2060 Introductory Practice 1: Clinical 3cp
OR								
CSCD20XX To start 2010	Introductory Practice 2: Community	Core	Health Science	061707	2	6	P CSCD20XX Intro practice 1: Clinical	CSCD30xx Clinical Case Management 3cp CSCD2061 Introductory Practice 1: Community 3cp

UOS CODE	UOS NAME	Core/Elective	Faculty	ASCED	Cum'land Campus Session	CP	Prerequisites Corequisites Assumed knowledge	Replacing
Year 3 Semester 1								
CSCD30XX To start 2010	Intermediate Practice 1: Paediatric	Core	Health Science	061707	1	6	P CSCD20XX Introductory Practice 2: Community; OR CSCD20XX Introductory Practice 2: Clinical C: CSCD 30XX Neurogenic Language Disorders	CSCD30XX Intermediate Practice: Assessment; CSCD30XX Intermediate Practice: Paediatric;
OR								
CSCD30XX To start 2010	Intermediate Practice 1: Adult	Core	Health Science	061707	1	6	P CSCD20XX Introductory Practice 2: Community; OR CSCD20XX Introductory Practice 2: Clinical C: CSCD 30XX Neurogenic Language Disorders	CSCD30XX Intermediate Practice: Adult; CSCD30XX Intermediate Practice: Community
Year 3 Semester 2								
CSCD30XX To start 2011	Speech Pathology Research Methods	Core	Health Sciences	061707	2	6		BACH 1143 Designing Health Research 3CP in 2011
CSCD30XX To start 2011	Voice and Voice Disorders	Core	Health Science	061707	2	6	P: BIOS1163 Speech Science A: BIOS1165 Hearing Science and Audiology	CSCD 20XX Voice and Voice Disorders 1, CSCD 30XX Voice and Voice Disorders 2
CSCD30XX To start 2010	Intermediate Practice 2: Adult & Community	Core	Health Science	061707	2	6	P CSCD30XX Intermediate Practice 1: Paediatric; CSCD2062 Motor Speech and Dysphagia; CSCD 30XX Neurogenic Language Disorders	CSCD30XX Intermediate Practice: Adult; CSCD30XX Intermediate Practice: Community
OR								
CSCD30XX	Intermediate Practice 2:	Core	Health Science	061707	2	6	P CSCD30XX Intermediate	CSCD30XX Intermediate

To start 2010	Paediatric & Community					Practice 1:Adult CSCD2062 Motor Speech and Dysphagia; CSCD 30XX Neurogenic Language Disorders	Practice: Assessment; CSCD30XX Intermediate Practice: Paediatric;
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UOS CODE	UOS NAME	Core/Elective	Faculty	ASCED	Cum'land Campus Session	CP	Prerequisites Corequisites Assumed knowledge	Replacing
Year 4								
GROUP A Semester 1 (On-campus) ²								
CSCD40XX To start 2011	Advanced Practice A: Community	Core	Health Science	061707	1	6	P CSCD30XX Intermediate Practice 2: Adult and Community or CSCD30XX Intermediate Practice 2: Paediatric and Community; CSCD30XX Phonology, Language and Literacy	
CSCD40XX To start 2011	Advanced Practice A: Clinical	Core	Health Science	061707	1	6	P CSCD30XX Intermediate Practice 2: Adult and Community or CSCD30XX Intermediate Practice 2: Paediatric and Community; CSCD30XX Phonology, Language and Literacy C: CSCD40XX Professional Issues	
Group A Semester 2 (off-campus)								
CSCD40XX To start 2011	Advanced Practice A: Adult	Core	Health Science	061707	2	12	P CSCD30XX Intermediate Practice 2: Adult and Community or CSCD30XX Intermediate Practice 2: Paediatric and Community; CSCD30XX Phonology, Language and Literacy	
AND								
CSCD40XX To start 2011	Advanced Practice A: Paediatric	Core	Health Science	061707	2	12	P CSCD30XX Intermediate Practice 2: Adult and Community or CSCD30XX	

² Students in Year 4 of the course will be assigned to either Group A or B. Group assignment will be known by the end of Semester 1, Year 3. In Year 4, students in Group A enrol in their on-campus units of study in semester 1 and off-campus units in semester 2; students in Group B enrol in units of study for off-campus in semester 1 and on-campus units in semester 2.

						Intermediate Practice 2: Paediatric and Community; CSCD30XX Phonology, Language and Literacy	
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UOS CODE	UOS NAME	Core/Elective	Faculty	ASCED	Cum'land Campus Session	CP	Prerequisites Corequisites Assumed knowledge	Replacing
Group B Semester 1 (off-campus)								
CSCD40XX To start 2011	Advanced Practice B: Adult	Core	Health Science	061707	1	12 ³	P CSCD30XX Intermediate Practice 2: Adult and Community or CSCD30XX Intermediate Practice 2: Paediatric and Community; CSCD30XX Phonology, Language and Literacy	
AND								
CSCD40XX To start 2011	Advanced Practice B: Paediatric	Core	Health Science	061707	1	12	P CSCD30XX Intermediate Practice 2: Adult and Community or CSCD30XX Intermediate Practice 2: Paediatric and Community; CSCD30XX Phonology, Language and Literacy	
Group B Semester 2 (on-campus)								
CSCD40XX To start 2011	Advanced Practice B: Community	Core	Health Science	061707	2	6	P CSCD30XX Intermediate Practice 2: Adult and Community or CSCD30XX Intermediate Practice 2: Paediatric and Community; CSCD30XX Phonology, Language and Literacy	
CSCD40XX To start 2011	Advanced Practice B: Clinical	Core	Health Science	061707	2	6	P CSCD30XX Intermediate Practice 2: Adult and Community or CSCD30XX Intermediate Practice 2: Paediatric and Community; CSCD30XX Phonology, Language and	

³ 12 CP units consist of one clinical placement ONLY and cannot be subdivided further

						Literacy C: CSCD40XX Professional Issues	
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UOS CODE	UOS NAME	Core/Elective	Faculty	ASCED	Cum'land Campus Session	CP	Prerequisites Corequisites Assumed knowledge	Replacing
Honours Year 3 Semester 1								
Same as Pass degree except below instead of other intermediate speech pathology clinic choices								
CSCD30XX To start 2010	Intermediate Practice 1H: Adult	Core	Health Science	061707	1	6	P CSCD20XX Introductory Practice 2: Community; OR CSCD20XX Introductory Practice 2: Clinical C: CSCD 30XX Neurogenic Language Disorders I	CSCD30XX Intermediate Practice: Adult; CSCD30XX Intermediate Practice: Community
Honours Year 3 Semester 2								
CSCD30XX To start 2011	Speech Pathology Research Methods H	Core	Health Sciences	061707	2	6		BACH 1143 Designing Health Research 3CP in 2011 BACHXXXX Research Design and Statistics 3CP CSCD30XX Research Seminar 3CP in 2011
CSCD30XX To start 2011	Voice and Voice Disorders	Core	Health Science	061707	2	6	P: BIOS1163 Speech Science A: BIOS1165 Hearing Science and Audiology	CSCD 20XX Voice and Voice Disorders 1, CSCD 30XX Voice and Voice Disorders 2
CSCD30XX (existing unit)	Phonology, Language and Literacy	Core	Health Science	061707	2	6	P:CSCD1033 Child Phonology; CSCD20XX Introductory Practice 2: Community; OR CSCDXXXX Introductory Practice 2: Clinical	
CSCD30XX To start 2010	Intermediate Practice 2H: Child & Community	Core	Health Science	061707	2	6	P CSCD30XX Intermediate Practice 1H: Adult; CSCD2062 Motor Speech and Dysphagia	CSCD30XX Intermediate Practice: Assessment; CSCD30XX Intermediate Practice: Paediatric

UOS CODE	UOS NAME	Core/Elective	Faculty	ASCED	Cum'land Campus Session	CP	Prerequisites Corequisites Assumed knowledge	Replacing
Honours Year 4, Semester 1								
CSCD40XX To start 2011	Advanced Practice H: Paediatric	Core	Health Science	061707	1, 2	12	P CSCD30XX Intermediate Practice 2H: Child and Community; CSCD30XX Phonology, Language and Literacy	
OR								
CSCD40XX To start 2011	Advanced Practice H: Adult	Core	Health Science	061707	1, 2	12	P CSCD30XX Intermediate Practice 2H: Child and Community; CSCD30XX Phonology, Language and Literacy	
CSCD40XX To start 2011	Advanced Practice H: Community	Core	Health Science	061707	1	6	P CSCD30XX Intermediate Practice 2H: Child and Community; CSCD30XX Phonology, Language and Literacy	
CSCD40XX To start 2011	Advanced Practice H: Clinical	Core	Health Science	061707	1	6	P CSCD30XX Intermediate Practice 2H: Child and Community; CSCD30XX Phonology, Language and Literacy	
Semester 2								
CSCD40XX To start 2011	Research Project	Core	Health Science	061707	2	12	CSCD30XX Speech Pathology Research Methods H	
CSCD40XX To start 2011	Advanced Practice H: Paediatric	Core	Health Science	061707	1, 2	12	P CSCD30XX Intermediate Practice 2H: Child and Community; CSCD30XX Phonology, Language and Literacy	
OR								
CSCD40XX To start	Advanced Practice H:	Core	Health Science	061707	1, 2	12	P CSCD30XX Intermediate	

2011	Adult					Practice 2H: Child and Community; CSCD30XX Phonology, Language and Literacy	
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Deleted units

(to be deleted immediately, not to go in handbook but to be available for repeating students in 2010)

CSCD1030 Clinical Linguistics 3cp
CSCD1031 Clinical Phonetics and Articulation 3cp
CSCD2059 Clinical processes 3cp
CSCD2063 Voice and voice disorders 1 3cp
CSCD2060 Intro Prac 1 clinical 3cp
CSCD2061 Intro Prac 1 community 3cp

(to be deleted immediately, not to go in handbook NOT to be available for repeating students in 2010)

CSCD 40XX Advanced Practice: Assessment 3cp
CSCD 40XX Advanced Practice: Community 3cp
CSCD 40XX Advanced Practice: Clinical 3cp
CSCD 40XX Clinical Mentoring 3cp

(to be available in 2010 and deleted thereafter -not to go in handbook but to be available for repeating students in 2011)

CSCD30xx Voice and voice disorders 2 3cp
CSCD30xx Neurogenic language disorders 2 3cp
CSCD30xx Clinical case management 3cp

(to be available in 2010 and deleted thereafter as student who fail will transfer back to the pass degree)

CSCD30XX Research Seminar 3CP

Proposal for Academic Development Notification of faculty variation or approval

Faculty/Board of Studies: Faculty of Pharmacy

Contact person: Dr Jane Hanrahan (Associate Dean – Learning and Teaching)

1. Name of award course

Bachelor of Pharmacy

2. Purpose of proposal

To advise the Undergraduate Studies Committee of the adoption of new units of study in the third year Bachelor of Pharmacy curriculum to commence in first semester, 2010.

3. Details of amendment

Provide specific references from the relevant Resolutions of the Senate or Faculty Resolutions and clearly indicate where the proposed change is being made. Include page references to the current University Calendar. Underline proposed additions and strikethrough proposed deletions.

In 2006, in consultation with the profession the Faculty of Pharmacy conducted a substantial review of the Bachelor of Pharmacy curriculum. Year one of the new curriculum commenced in 2008, year two in 2009 and year three will commence in 2010.

The new units of study will be:

PHAR381X	Clinical Practice	0 CP
Semester 1		
PHAR381A	Respiratory	6 CP
PHAR381B	Cardiovascular and Renal	6 CP
PHAR381C	Endocrine, diabetes and reproductive	6 CP
PHAR381D	Gastrointestinal	6 CP
Semester 2		
PHAR382A	Neurology	6 CP
PHAR382B	Mental Health	6 CP
PHAR382C	Oncology and immunology	6 CP
PHAR382D	Musculoskeletal, dermatological and special senses	6 CP

4. Transitional arrangements

If the proposed amendment(s) will affect students who are currently enrolled, include details of any transitional arrangements.

All students who fail a third year unit of study in 2009 will automatically be offered additional assessment for that UoS. Any student who still needs to complete old resolution UoS will be able to do so. All students who are in this situation will already have previously attempted these UoS and will therefore have lecture materials, regular tutorials will be offered to these students throughout the semester. In practice this is likely to be a very small number of students.

5. Other relevant information

UoS in third year would be taught in a 2+2 format with exams in week 7 at the end of the first 2 UoS and the end of the second 2 UoS, as shown below.

Semester 1	
UoS 1-Cardiovascular and Renal weeks 1-6	UoS 2 - Respiratory weeks 1-6
*Exams – week 7	
UoS 3 - Gastrointestinal weeks 8-13	UoS 4 - Endocrine, diabetes and reproductive weeks 8-13
*Exams - week 14	
Clinical Placement Opportunity – week 15	
Clinical Placement Opportunity– week 16	
Semester 2	
UoS 5 - Neurology weeks 1-6	UoS 6 - Mental Health weeks 1-6
**Exams – week 7	
Clinical Placement Opportunity – week 8	
UoS 7 - Musculoskeletal, dermatological & special senses weeks 9-14	UoS 8 - Oncology and immunology weeks 9-14
**Exams - week 15	
Clinical Placement Opportunity – week 16	
Additional Remedial Clinical Placement Week to be scheduled for students who require it.	

*Exams - will be preceded by a mini STUVAC with classes finishing on the Wednesday prior to exam week, with exams held on Tuesday and Friday of exam week.

**Clinical Placements stand outside all UoS as a compulsory 0 CP UoS – however the time allocated to the “0 CP” UoS would be taken in to account in the time allocated to the eight main UoS. The clinical placement UoS would span the whole year and consist of a total of 40 hours of weekly placements and a one-week (35 hr) block placement. Students will be expected to successfully complete all placements. Students who fail the block placement will be offered remediation and the opportunity to successfully complete an additional placement.

Rationale

1. 2+2 Structure

The new UoS will focus on body systems and associated disease states, rather than the traditional discipline based UoS e.g. pharmaceutical/medicinal chemistry, pharmaceuticals, pharmacology and pharmacy practice. The body systems approach has been adopted in an attempt to demonstrate the relevance and importance of subjects such as medicinal chemistry and pharmacokinetics to the practice of pharmacy in a community and hospital setting.

The 2+2 structure permits the intensive teaching of two systems at the one time, allowing students to focus on integrating knowledge from different disciplines into the practice of pharmacy. The UoS will be taught using scenario/case-based learning in addition to lectures and practicals. Cases/scenarios in later UoS will become more complex and may include disease states from the earlier UoS reminding students that patients often suffer from more than one disease state, and this may have important implications for treatment.

2. Clinical Placement 0 CP UoS

At the present time in third year, students complete 10 x 3 hour weekly placements per semester, which are assessed at the completion of specific tasks, students are also assessed by preceptors. There have been a number of issues with the preceptor assessment, including the fact that three hour placements are often too short for preceptors to explore any issues which may arise and assist the student to address these. In addition, many preceptors are extremely reluctant to fail students because there is currently no opportunity for remediation, meaning that students would fail the whole UoS. Separation of the components in to weekly tasks that are related to the UoS content assessed by a portfolio and a block placement with specific learning outcomes which will be assessed by the preceptor, coupled with the opportunity for remediation and reassessment will overcome these issues.

Having a stand-alone 0 CP clinical placement UoS consisting of specific tasks and a block placement will allow students to see the relevance of their placement to content in the main UoS, but will also allow students who have problems with clinical placements to be identified, provided with an opportunity for remediation and reassessed before they reach their final year.

6. Approved by the Dean

Name: Professor Iqbal Ramzan

Signature:



Date: 14 May 2009

Minor Course Amendment Proposal: New unit of study proposal: Agents of Disease AVBS 3001

Faculty/Board of Studies:
Faculty of Veterinary Science

Contact person:

1. **Name of award course**
Bachelor of Animal and Veterinary Bioscience

2. **Purpose of proposal**

To advise the Undergraduate Studies Committee of the adoption of a new unit of study entitled Agents of Disease (AVBS 3001) for inclusion in the Bachelor of Animal and Veterinary Bioscience degrees. This unit is the second in the animal disease theme being introduced to the BAnVetBioSci as part of the Faculty Strategic Plan for Learning and Teaching, These units will also prepare students for disease-oriented 4th year research projects. The theme comprises the following units:

Yr 2 Sem 2 Introductory Veterinary Pathogenesis (core)

Yr 3 Sem 1 Agents of disease (elective) - 4 CP Applied Animal Microbiology and 2 CP Applied Animal Parasitology, with a focus on identifying, classifying and understanding microbial pathogens of animals. Examining the underpinning principles of infectious disease diagnostics, treatment, prevention and control as applied in the animal industry.

Yr 3 Sem 2 Laboratory Disease Investigation (elective)- Approach, methodology and techniques for investigation of disease. Molecular microbiology, immunological methods, veterinary laboratory diagnostics, medical and veterinary disease research.

Yr4 Sem 1 Applied Animal health (elective)- animal health in industry- existing AVBS4001

Yr4 Sem 2 Food Safety (elective)

Yr4 Honours projects related to animal health and disease

The overall aim of the infectious disease stream of the Bachelor of Animal and Veterinary Bioscience degree is to prepare students for a career in animal disease research, investigation and surveillance. Specifically this stream will address growing niche markets for postgraduates with an understanding of infectious of animals and their significance to the industry. Graduates who undertake this stream will be well equipped for leadership roles in:

- **Veterinary or medical infectious disease research and outreach or coordinating positions in veterinary infectious disease laboratory diagnostics.** These positions are currently being filled by science graduates (rarely veterinary graduates), often without the necessary understanding of disease concepts or the production animal or wildlife industries to take effective leadership roles. Our graduates would be competitive in these areas, which also encompass commercial and government (both Commonwealth and State and Local) laboratory practice.
- **Biosecurity:** quarantine, surveillance, legislation, and laboratory diagnostics in disease of production and wildlife species. Our graduates will be uniquely placed to contribute and eventually take leadership in these areas due to their broad perspectives of disease, ranging from the laboratory to industry, and across the livestock/ wildlife interface. This is an expanding field and veterinary graduates are not meeting this demand. Many science graduates don't have the necessary understanding of disease concepts or production animal industries.

These aims are not currently being adequately met by this or other degrees within the University. Our current graduates currently have no practically oriented training in the identification, diagnosis and management of infectious disease causing agents in animals.

The aim of the elective entitled 'Agents of disease' in this stream is to give students an understanding of the specific microbiological and parasitological disease causing agents impacting the animal industry and in so preparing them for subsequent infectious disease electives, specifically laboratory and disease investigation (LDI) in semester 2. This subject will also aim to introduce the student to the culture of infectious disease research and the significance of the infectious disease research community in veterinary science and in animal industry

3. Details of amendment

See the associated new Unit of Study proposal form.

4. Transitional arrangements

Nil

5. Other relevant information

See the associated new Unit of Study proposal form for other potential relevant information and details associated with this proposal.

6. Signature of Dean

Minor Course Amendment Proposal: New unit of study proposal: Laboratory Disease Investigation AVBS 3002

Faculty/Board of Studies:
Faculty of Veterinary Science

Contact person:

1. **Name of award course**
Bachelor of Animal and Veterinary Bioscience

2. **Purpose of proposal**

To advise the Undergraduate Studies Committee of the adoption of a new unit of study entitled Laboratory Disease Investigation (AVBS 3002) for inclusion in the Bachelor of Animal and Veterinary Bioscience degrees. This unit is the third in the animal disease theme being introduced to the BAnVetBioSci as part of the Faculty Strategic Plan for Learning and Teaching, These units will also prepare students for disease-oriented 4th year research projects. The theme comprises the following units:

Yr 2 Sem 2 Introductory Veterinary Pathogenesis (core)

Yr 3 Sem 1 Agents of disease (elective) - 4 CP Applied Animal Microbiology and 2 CP Applied Animal Parasitology, with a focus on identifying, classifying and understanding microbial pathogens of animals. Examining the underpinning principles of infectious disease diagnostics, treatment, prevention and control as applied in the animal industry.

Yr 3 Sem 2 Laboratory Disease Investigation (elective)- Approach, methodology and techniques for investigation of disease. Molecular microbiology, immunological methods, veterinary laboratory diagnostics, medical and veterinary disease research.

Yr4 Sem 1 Applied Animal health (elective)- animal health in industry- existing AVBS4001

Yr4 Sem 2 Food Safety (elective)

Yr4 Honours projects related to animal health and disease

The overall aim of the infectious disease stream of the Bachelor of Animal and Veterinary Bioscience degree is to prepare students for a career in animal disease research, investigation and surveillance. Specifically this stream will address growing niche markets for postgraduates with an understanding of infectious of animals and their significance to the industry. Graduates who undertake this stream will be well equipped for leadership roles in:

- **Veterinary or medical infectious disease research and outreach or coordinating positions in veterinary infectious disease laboratory diagnostics.** These positions are currently being filled by science graduates (rarely veterinary graduates), often without the necessary understanding of disease concepts or the production animal or wildlife industries to take effective leadership roles. Our graduates would be competitive in these areas, which also encompass commercial and government (both Commonwealth and State and Local) laboratory practice.
- **Biosecurity:** quarantine, surveillance, legislation, and laboratory diagnostics in disease of production and wildlife species. Our graduates will be uniquely placed to contribute and eventually take leadership in these areas due to their broad perspectives of disease, ranging from the laboratory to industry, and across the livestock/ wildlife interface. This is an expanding field and veterinary graduates are not meeting this demand. Many science graduates don't have the necessary understanding of disease concepts or production animal industries.

These aims are not currently being adequately met by this or other degrees within the University. Our current graduates currently have no practically oriented training in the identification, diagnosis and management of infectious disease causing agents in animals.

The aim of the elective entitled 'Laboratory Disease Investigation' in this stream is to develop an investigative approach and familiarity with current laboratory techniques in preparation for honours or postgraduate training in disease research or disease investigation. Students will work through actual disease research or investigation scenarios via directed and self-directed, individual and group tasks.

By the end of this unit of study, students should understand the application of some common, current disease investigation techniques in gross and microscopic pathology, immunology, molecular microbiology, parasitology, animal models and the study of genetic diseases.

This unit will also contribute to the development of generic graduate attributes encompassing:

Research and Inquiry

Information Literacy:

Personal and Intellectual Autonomy:

Ethical, Social and Professional Understanding;

Communication

3. Details of amendment

See the associated new Unit of Study proposal form.

4. Transitional arrangements

Nil

5. Other relevant information

See the associated new Unit of Study proposal form for other potential relevant information and details associated with this proposal.

6. Signature of Dean
