UNDERGRADUATE STUDIES COMMITTEE
10:00AM-12:00PM TUESDAY 7 FEBRUARY 2017

Chair: Associate Professor Wendy Davis
Committee Officer: Dr Glenys Eddy
University Secretariat | Office of the Vice-Chancellor
Quadrangle (A14)

NOTICE OF MEETING

Meeting 2017/1 of the Undergraduate Studies Committee will be held at 10 am on Tuesday 7 February in the Senate Room, Quadrangle. The agenda for the meeting is attached.

Glenys Eddy
Committee Officer

AGENDA

1 WELCOME AND APOLOGIES
   Presenter: Chair

2 PROCEDURAL MATTERS
   2.1 Minutes of Meeting 2016/7 (16 November 2016)
      Presenter: Chair
      Paper: Attached
   2.2 Actions Arising
      Presenter: Members
      Paper: Verbal update

3 STANDING ITEMS
   3.1 Report of the Chair
      Presenter: Chair
      Paper: Verbal update
   3.2 Report of the Academic Board meeting 7 December 2016
      Presenter: Tony Masters
      Paper: Attached

4 ITEMS FOR APPROVAL
   Major Course Proposals
   None received for this meeting

   Minor Course Proposals
   4.1 Sydney College of the Arts: Faculty Resolutions amendment
      Presenter: Andrew Lavery
      Paper: Attached

Respect is a core value of the Academic Board
4.2 Faculty of Science: Bachelor of Science/Master of Nutrition and Dietetics minor course amendment
Jenny Saleeba Attached

5 ITEMS FOR NOTING

5.1 Undergraduate Studies Forward Plan 2017 Chair Attached

6 OTHER BUSINESS

6.1 Any Other Business Chair
Next meeting – 10:00am-12:00pm, Tuesday 7 March 2017,
Senate Room, Quadrangle

Undergraduate Studies Committee

Terms of Reference

Purpose

The Undergraduate Studies Committee assists the Academic Board in ensuring the maintenance of the highest standards and quality in teaching, learning and scholarship at the University of Sydney and, in this context, advises the Academic Board about resolutions, policy and procedures relating to undergraduate study at the University and acts as the Academic Board's agent in determining undergraduate matters, including the approval of new and amended courses, in accordance with the resolutions of the Senate: Delegations of Authority: Academic Functions.

Terms of Reference

1. To monitor issues relating to quality in relation to undergraduate award courses, and to make recommendations to the Academic Board as detailed below.
2. To advise the Academic Board on resolutions, policy and procedures relating to all undergraduate studies in the University, including the pattern of undergraduate courses in the University.
3. To make recommendations to the Academic Board in relation to proposals to introduce new undergraduate award courses and amendments to existing undergraduate award courses.
4. To make recommendations to the Academic Board regarding requirements to be satisfied by candidates for the award of a degree, diploma or certificate.
5. To act for the Academic Board in determining procedures for the consideration, and deadline for submission of proposals for new and amended undergraduate award programs and courses in consultation with the Course Profiles Steering Committee.
6. To contribute to the development of the University’s strategic objectives in relation to undergraduate study and to formulate, recommend to the Academic Board, and regularly review resolutions, policy and procedures supporting those strategic objectives.
7. To receive reports from, and provide advice to, the Deputy Vice Chancellor (Education) and, where appropriate the Deputy Vice Chancellor (International) on quality assurance and other matters relating to undergraduate study.
8. To obtain information or reports from any faculty, school or department, the Library or other academic unit on academic matters relating to undergraduate studies.
9. To ensure proper communication channels are established with other committees of the Academic Board and SEG to promote cross-referencing and discussion of matters concerning undergraduate students.
10. To determine the terms and conditions of undergraduate awards, scholarships and prizes established within the University.

11. To receive annual reports on the awarding of Honours and the University Medal from Faculties

12. To provide regular reports on its activities under its terms of reference to the Academic Board.

13. To consider and report on any matter referred to it by the Academic Board, or its committees, the Senior Executive Group or the Vice Chancellor.
UNDERGRADUATE STUDIES COMMITTEE

10:00am – 1:00pm, Wednesday 16 November 2016
Senate Room

Members Present: Associate Professor Wendy Davis (Chair); Associate Professor Tina Bell, Agriculture, Food and Natural Resources; Dr Stephen Carter, Pharmacy; Dr Wayne Cotton, Education and Social Work; Professor Alan Fekete, Engineering and Information Technologies; Anne Fernandez, Deputy Registrar Nominee; Dr Scott Grattan for Associate Professor Jamie Glister, Law; Dr Jennifer Green, Nursing and Midwifery; Dr Mark Halaki, Health Sciences; Dr James Humberstone, Sydney Conservatorium of Music; Mr Andrew Lavery, Sydney College of the Arts; Associate Professor Tony Masters, Chair of the Academic Board; Dr Gary Muscatello, Veterinary Science; Dr Juliette Overland for Associate Professor Rae Cooper, Business; Dr Dagmar Reinhardt, Architecture, Design and Planning; Dr Anne Rogerson, Arts and Social Sciences; Dr Jenny Saleeba, Science; Chloe Smith, President of the SRC.

Attendees: Dr Matthew Charet, Executive Officer to Academic Board; Associate Professor Peter McCallum (Director, Educational Strategy, Deputy Vice-Chancellor (Education); Ms Georgie Wheadon (Senior Policy and Projects Officer, Education Strategy) and Dr Glenys Eddy, Committee Officer.

Apologies: Professor Adam Bridgeman, Director, Educational Innovation (Tentative); Associate Professor Rae Cooper, Business; Dr Kimberly Mathieu Coulton, Dentistry; Associate Professor Jamie Glister, Law; Dr Eric Knight, Business; Associate Professor Timothy Wilkinson, Chair of the Admissions Committee.

MINUTES

1 WELCOME AND APOLOGIES

The Chair welcomed everyone to the meeting. The Board noted apologies, as recorded above.

Resolution UGSC2016/7-1
The Undergraduate Studies Committee resolved to note that apologies have been received from the members above and that they be excused for their absence.

2 PROCEDURAL MATTERS

2.1 Minutes of Previous Meeting

Resolution UGSC2016/7-2
The Undergraduate Studies Committee resolved that the minutes of meeting 6/2016 on 19 October 2016 be confirmed as a true record.

2.2 Actions Arising

No actions arose from the previous minutes.

Resolution UGSC2016/7-3
The Undergraduate Studies Committee noted that there were no outstanding actions.

2.3 Undergraduate Studies Terms of Reference

Tony Masters explained that the purpose of these Terms of Reference was to maintain the status quo throughout the period of the Academic Board’s transition, until it moves into its next iteration.

Resolution UGSC2016/7-4
The Undergraduate Studies Committee approved the Terms of Reference.

Respect is a core value of the Academic Board
3 ITEMS FOR ACTION

3.1 Report of the Chair

The Chair commented on the work that had been done on the ‘Named Scientist’ stream by the Faculty of Science, such that it will only be a stream in the Bachelor of Science/Bachelor of Advanced Studies and will use the name ‘Advanced.’ The Academic Board approved the curriculum reform proposal on the Committee’s recommendation at its last meeting.

The Admissions Committee had approved the proposal for the entry requirements associated with the curriculum reform package.

Resolution UGSC2016/7-5
The Undergraduate Studies Committee noted the report of the Chair.

3.2 Report of the Academic Board meeting

A/Professor Masters reported that he had communicated with Academic Board members to highlight the significance of the organizational change proposals, which would set the direction of the University for the next couple of decades. He stated that congratulations were due to the Academic Board for managing the business so efficiently, and to Wendy Davis and the UGSC for their part in this endeavour.

Government requirements for transparency of ATARS will involve additional compliance on the part of the University, which will be critical for re-registration for 2018; TEQSA will review the University’s processes. The document speaks to the misunderstanding of the ATAR. Based on completions, which are not uniform across the country, ATAR is referenced to the commencing, not the exiting, high school cohort.

Resolution UGSC2016/7-6
The Undergraduate Studies Committee noted the report of the 2 November Academic Board meeting.

4 ITEMS FOR ENDORSEMENT

MAJOR COURSE PROPOSALS

4.1 DVC Education Portfolio: Learning Outcomes for Majors

A/Professor Peter McCallum, Director, Educational Strategy, Deputy Vice-Chancellor (Education), and Ms Georgie Wheadon (Senior Policy and Projects Officer, Education Strategy) were in attendance to seek feedback from members on the Learning Outcomes for Majors proposal.

A concern was raised about the learning outcomes for majors not having been considered by the relevant faculty boards. A/Professor McCallum noted that the DVC Education was keen to see the Learning Outcomes for Majors proposal progress to the Academic Board, given that majors are crucial to the structure of the curriculum reform. It would be prudent for both the faculties and the Academic Board to ensure that the majors are well-structured; the learning outcomes will serve as an indicator that the majors are aligned with the strategic curriculum review. It was observed that some faculties are yet to review the learning outcomes for their majors, and to test their majors’ technical compliance with the strategy.

Intended Audience and Consistency of Language
Members asked about the intended audience for the learning outcomes. For instance, are they for prospective students, for display in Sydney Courses, for potential employers or for accreditation purposes in specific instances? Knowing the intended audience will affect how the learning outcomes are to be written. It was also suggested that feedback on how the learning outcomes can be revised over time would be useful.

It was noted that consistency of language for all learning outcomes needed to be applied. There are currently vastly different practices in terms of how learning outcomes are expressed, that in
some cases a disjunct existed between the language used and the nature of the outcome. For instance, some reflected concrete achievements whilst others related to development of ways of thinking. A/Professor McCallum clarified that the purpose of the learning outcomes is more about clarity rather than compliance per se. The primary audience is the academics in terms of discussing what is to be achieved and as a guide for assessments, and the students as a guide to their goal and progress toward it. Professor Masters observed the need to ensure that the language used to express the learning outcomes is consistent, that the University is obliged under education standards to use consistent language.

Learning Outcomes and Curriculum Mapping
A/Professor McCallum noted that not all majors were expected to lead to the attainment of all graduate qualities. He discussed the example of interdisciplinary effectiveness. Students are required to complete at least one major and at least one minor, so interdisciplinary effectiveness might be expected to come from that requirement. A/Professor McCallum also reported that a project for the development of a curriculum mapping tool is currently being led by Professor Adam Bridgeman. The intention is that the curriculum mapping tool will generate curriculum outlines easily for use by academics. It was noted however, that such curriculum mapping tools are incapable of managing some types of learning outcome such as ‘an integrated ethical identity’. A/Professor McCallum also stated that a rubric will be developed, from which teachers and students can measure how the qualities are developing. It was also suggested that clearer definitions of graduate attributes and how they be demonstrated in the learning outcomes would be useful.

Pathways
Jenny Saleeba reported that Science is still finalizing its learning outcomes, and enquired as to whether learning outcomes would be required for its 4000-level and Advanced pathways. It was explained that Learning and Teaching Policy does not require them for 4000-level units, for minors, or for units of study, and that the Academic Board has not made this a requirement. The current intended aim is to map progression throughout the major, and for the component units.

Endorsement
Members agreed that the proposal was not quite ready for submission to the Academic Board as a final version. A large amount of work had been already completed and this work should serve as a solid foundation for further development. The Committee accepted that, given that not all majors had been considered by the relevant faculty boards, that some faculties were still developing their learning outcomes, and that consistency of expression had not been applied, that the Learning Outcomes for Majors proposal should be submitted to the Academic Board as both a solid foundation for further development and as evidence of progress, rather than as a fixed end-point of development. Communication to the Academic Board should reflect the Committee’s view that the learning outcomes as they are being developed will most likely need to be adjusted over time.

It was agreed that any minor corrections and typos will be undertaken by the individual faculty representatives, and that A/Professor McCallum will send out an email to the members about feedback on the proposal.

Resolution UGSC2016/7-7
That the Undergraduate Studies Committee recommend that the Academic Board:

1) approve the proposal from the DVC Education Portfolio to endorse the learning outcomes for the new majors.

Subject to:

a) typos and other minor errors being corrected by the faculty representatives.

4.2 DVC Education Portfolio: Languages Program in Dalyell Stream – Amendment of Course Resolutions
Peter McCallum explained that the purpose of the Languages Program in the Dalyell stream is to capture the current cohort in the BA Languages and with high ATARS.
A question was raised about the appropriateness of Classical Hebrew as the primary language of instruction for exchange students. It was questioned whether people still teach in Classical Hebrew. Anne Rogerson noted that students who have gone to Israel have not reported any problems and stated that she'd look into the issue.

In terms of marketing, it was established that, although the Dalyell stream will not have a separate UAC code, it will be mentioned in the UAC guide with a focus on specific disciplines. The program will have an entry on Sydney Courses. However, there is still some work to be done on devising a strategy to attract potential students interested in languages to this program. Peter McCallum reported that a suitable targeting method has been discussed with Recruitment and Marketing.

It was noted that Exchange and In-Country will be assessed in the normal way, and that credit will be given by the University for these units.

**Resolution UGSC2016/7-8**

*That the Undergraduate Studies Committee recommend that Academic Board approve:*

1) approve the proposal from the DVC Education Portfolio to introduce a Languages program to the Bachelor of Arts/Bachelor of Advanced Studies;

2) recommend that Senate endorse the Academic Board’s approval of the proposal and approve amendments to the Resolutions of Senate related to the Degrees, Diplomas and Certificates in the Faculty of Arts and Social Sciences; and

3) approve the introduction of Course Resolutions arising from this proposal with effect from 1 January 2018.

**4.3A Sydney Conservatorium of Music: Bachelor of Music - new course proposal**

The new Bachelor of Music proposal is intended to replace the older Bachelor of Music Studies. It is intended to be more pluralistic, cater to students with more diverse musical backgrounds, embrace more music styles beyond Western art and jazz, and extends beyond the older Conservatorium music style. Some existing majors will move into the new degree.

The new degree also aims to be more socially inclusive by broadening the degree’s reach and appeal beyond those attracted by the old Art Music model, which had previously appealed to a narrow band of students from the aspirational middle class who have had private music tuition.

A question was raised about the relationship between the proposed new Bachelor of Music and the resolutions discussed in item 4.12, the Bachelor of Music (Composition) and the Bachelor of Music (Performance). It was clarified that whilst the new Bachelor of Music will replace the Bachelor of Music Studies (to be deleted), the Bachelor of Music (Composition) and the Bachelor of Music (Performance) are continuing four-year degrees. It was also clarified that Composition and Performance are also streams within the new degree.

For the Bachelor of Music, A/Professor McCallum and Mr Humberstone undertook to draft a set of combined resolutions before the next Academic Board meeting, resulting in one set of resolutions to include the new Bachelor of Music and its majors, as well as the streamed versions of the degree, for instance the Bachelor of Music (Performance) and Bachelor of Music (Composition). The Committee agreed to this, subject to the draft combined course resolution being completed in time for submission to the Academic Board for its next meeting. It was also agreed to submission of the proposed resolutions as presented at this meeting, if the combined resolutions could not be prepared in time, with the expectation that an amendment would be presented to the committee next year to merge the resolutions.

It was observed that some of the structural aspects of the degree will prevent its mapping to the 2-2-4 or the 2-3-3 majors models offered in the generalist degree, and will limit students’ ability to complete a second major. For instance, students will not be able to do a modern language because of the strict progression requirement. It was explained that the program is set up so that a second major is not possible under progression requirements.
Resolution UGSC2016/7-9
That the Undergraduate Studies Committee recommend that Academic Board:

1) approve the proposal from the Sydney Conservatorium of Music to introduce the Bachelor of Music degree;
2) recommend that Senate endorse the Academic Board’s approval of the proposal and approve amendments to the Resolutions of Senate related to the Degrees, Diplomas and Certificates in the Sydney Conservatorium of Music; and
3) approve the introduction of Course Resolutions arising from this proposal with effect from 1 January 2018.

Subject to:

a) one combined course resolution being drafted for submission to the Academic Board, to include the new Bachelor of Music and its majors, and the streamed versions of the degree, namely, the Bachelor of Music (Performance) and Bachelor of Music (Composition).

b) the resolutions, as presented to this meeting, being submitted to the Academic Board in the event that the combined version is not prepared in time for submission to the Academic Board for its next meeting on the 7th of December 2016.

MINOR COURSE PROPOSALS

4.4 Faculty of Architecture, Design and Planning: Amendment to Faculty Resolutions

Alan Fekete chaired discussion of this proposal. The proposal outlines a set of amendments which consist mostly of rewordings and minor improvements, with no major changes being proposed. An updated version of the proposal tabled at the meeting contained a change to Part 2, Section 5: Undergraduates enrolling in Postgraduate Units of Study, in which the need for students to have completed at least 96 cps with a WAM of at least 70 before enrolling in postgraduate units, had been re-inserted, relative to the proposal distributed prior to the meeting. Alan Fekete drew attention to a change in the way in which the WAM is to be calculated; the previous stipulation that junior units were weighted as zero and senior and graduates units were weighted as one has changed so that units are all weighted 1. This is to bring Architecture into line with new University practice.

It was noted that under Part 3 Section 9, Late submission policy, that the term ‘calendar day’ was used inconsistently (used in 9(2)(a) non-public assessments, but not in 9(2)(b) public assessments). It was decided that the term ‘calendar day’ should be used throughout for consistency.

Reference to the Bachelor of Design Computing/Bachelor of Advanced Studies in 7(2)(a) and 14(1) was queried, given that the Bachelor of Advanced Studies will not begin until 2018 and these resolutions were to take effect in 2017 not appropriate at this stage. However, the Committee decided to leave the reference in.

Resolution UGSC2016/7-10
That the Undergraduate Studies Committee recommend that Academic Board approve:

1) the proposal from the Faculty of Architecture, Design and Planning to amend the Faculty resolutions with effect from 1 January 2017.

Subject to:

a) Section 9: Late Submission Policy being amended so that the term calendar day is used where appropriate for consistency.
4.5 Faculty of Arts and Social Sciences: Bachelor of International and Global Studies - Amendment of course resolutions

The proposal modifies the progression rule for the degree to include the stipulation that a credit average must be maintained in order for the candidate to be eligible for the compulsory exchange component of the degree. Following discussion of the wording of the Transitional Provisions, it was resolved to delete everything following the comma in Clause 9(2), which will then read, “Candidates who commenced prior to 1 January 2017 will complete the requirements in accordance with the resolutions in force at the time of their commencement.” The title of the degree in the paperwork for the Academic Board will be corrected to the Bachelor of International and Global Studies.

Resolution UGSC2016/7-11
That the Undergraduate Studies Committee recommend Academic Board:

1) approve the proposal from the Faculty of Arts and Social Sciences to amend the Bachelor of Global and International Studies; and
2) approve the amendment of the course resolutions arising from the proposal with effect from 1 January 2017.

Subject to:

a) Section 9(2) being amended to read, “Candidates who commenced prior to 1 January 2017 will complete the requirements in accordance with the resolutions in force at the time of their commencement,”
b) the title of the degree being amended to the Bachelor of International and Global Studies for submission to the Academic Board.

4.6 Faculty of Arts and Social Sciences: Bachelor of Political Economic and Social Sciences – Amendment to course resolutions

This proposal seeks to remove an ambiguity in Section 4 of the resolutions, Requirements for Award, to clarify that students require a core major, and a total of 24 senior credit points, 12 senior credit points in each of two of the subject areas listed in Clause (2)(d). Noting that the wording of the clause still had the potential for ambiguity, the Committee agreed to endorse the proposal, but to also allow FASS the opportunity to clarify the language before submitting the proposal to Academic Board, if it wished to.

Resolution UGSC2016/7-12
That the Undergraduate Studies Committee recommend that Academic Board approve:

1) approve the proposal from the Faculty of Arts and Social Sciences to amend the Bachelor of Political Economic and Social Sciences; and
2) approve the amendment of the course resolutions arising from the proposal with effect from 1 January 2017.

4.7 Faculty of Arts and Social Sciences: Diploma of Arts – Amendment to course resolutions

This proposal was approved without comment.

Resolution UGSC2016/7-13
That the Undergraduate Studies Committee recommend that Academic Board:

1) approve the proposal from the Faculty of Arts and Social Sciences to amend the Diploma of Arts; and
2) approve the amendment of the course resolutions arising from the proposal with effect from 1 January 2017.

4.8 Faculty of Arts and Social Sciences: Diploma of Language Studies – Amendment to course resolutions
An amendment to the course resolutions is required to correctly identify the majors available in the standard and accelerated pathways. It was noted that the change of the title of French Studies to French and Francophone Studies needed to be reflected in the course resolutions.

Resolution UGSC2016/7-14
That the Undergraduate Studies Committee recommend that Academic Board:

1) approve the proposal from the Faculty of Arts and Social Sciences to amend the Diploma of Language Studies; and
2) approve the amendment of the course resolutions arising from the proposal with effect from 1 January 2017.

4.9 Faculty of Arts and Social Sciences: Diploma of Social Sciences – Amendment to course resolutions

This proposal seeks to tidy up the phrasing of Section 3, Admission to Candidature, to prevent students enrolling in the Diploma without prior university learning. It was agreed that the word ‘fulltime’ in Clause 3(1)(b) be amended to read as two words, ‘full time’, for consistency with other resolution documentation.

Resolution UGSC2016/7-15
That the Undergraduate Studies Committee recommend that Academic Board approve:

1) approve the proposal from the Faculty of Arts and Social Sciences to amend the Diploma of Social Sciences; and
2) approve the amendment of the course resolutions arising from the proposal with effect from 1 January 2017.

Subject to:

a) the word ‘fulltime’ in Clause 3(1)(b) being amended to read as two words, ‘full time’.

4.10 Faculty of Arts and Social Sciences – Amendment to Faculty Resolutions

This proposal was withdrawn by the Faculty.

4.11 Sydney College of the Arts: Bachelor of Visual Arts/Bachelor of Advanced Studies – Amendment to Course Resolutions

This proposal was discussed under New Course Proposals as item number 4.3B, as it was an addendum to a new course proposal outlined in the Curriculum Reform package discussed at the previous meeting of the 19th of October.

An amended version of the proposal was tabled at the meeting. The proposal outlined the creation of a combined degree by reshaping the existing degree, and by removing both the drawing units of study and the Year 3 Critical Studies units. Consensus exists between the SCA Learning and Teaching Committee and the Faculty that students will still be equipped with the necessary learning for graduation with the degree.

It was agreed that a number of amendments needed to be made to the course resolutions before submission to the Academic Board. Under Section 6, Requirements for Award, because the Critical Studies units are in Table B and not Table A, references to Table A should be amended in Clauses (2)(b) and (3)(b) to clarify that Table B is being referred to.

It was observed that some of the wording in Section 14, Course Transfer, was unclear in its meaning, that the reference to abandoning and then completing the combined degree in the future was reminiscent of specific phrasing used in the past to apply to combined degrees or Honours, and might have been included in error. In addition, because the Dalyell stream is only available for the B Visual Arts/B Advanced Studies and not the single degree, the last sentence in Section 14 is not reflective of what would happen, and should be deleted.
It was established that the interview as part of the application process was optional, that students can submit a portfolio without attending an interview if they wished. The need for a compulsory interview had been abandoned because of reports that students had found it intimidating. The wording needs to reflect the optional nature of the interview.

It was noted that Studio majors are to be called Studio specializations, and that the title in Table A will need to be altered accordingly. The need for other minor corrections was noted. The Committee endorsed the proposal for submission to the Academic Board, subject to the amendments as listed below being completed before submission.

Resolution UGSC2016/7-16
That the Undergraduate Studies Committee recommend that Academic Board:

1) approve the proposal from the Sydney College of the Arts to introduce the Bachelor of Visual Arts/Bachelor of Advanced Studies;
2) recommend that Senate endorse the Academic Board’s approval of the proposal and approve amendments to the Resolutions of Senate related to the Degrees, Diplomas and Certificates in the Sydney College of the Arts; and
3) approve the introduction of Course Resolutions arising from this proposal with effect from 1 January 2018.

Subject to the following amendments being made:

a) In Clauses 4(2) and 4(3), the word Visual being inserted before Arts in the degree title, Bachelor of Visual Arts and Bachelor of Advanced Studies,

b) in Clause 5(1), the word ‘rule’ being changed to ‘policy’, to read ‘Coursework Policy’,

c) in Clause 5(2), the word ‘optional’ to be inserted before ‘interview’ to clarify that the interview for admission is optional,

d) in Clause 6(2)(b), remove ‘Table A and’,

e) in Clause 6(3)(b), change ‘Table A’ to ‘Table B’,

f) in Clause 9(1), remove the comma after Honours,

g) in Clause 13, remove [insert school name],

h) in Clause 14, in the second sentence, substitute the word ‘transfer’ for the word ‘abandon’, and delete the third sentence, “Completion of the Bachelor of Visual Arts/Bachelor of Advanced Studies in the future will require a new application for admission to candidature for that course and completion in accordance with the resolutions governing that degree.”

i) In Table A of the degree table, the heading ‘Disciplinary Majors’ is to be changed to ‘Studio Specializations’.

4.12 Sydney Conservatorium of Music: Bachelor of Music (Performance); Bachelor of Music (Composition); Diploma of Music – Amendment to Course Resolutions

Amendments to the course resolutions for these award courses were proposed in order to align them with the University’s Strategic Plan for curriculum renewal. Proposed amendments concerned Section 4, Requirements for Award for all three award courses, and Section 5, Principal Study, for the Bachelor of Music (Performance) and the Diploma of Music. During discussion of the new course proposal for the Bachelor of Music under item 4.3A, the Committee agreed to endorse this proposal subject to a single set of course resolutions being drafted for submission to the Academic Board, to include the new Bachelor of Music and its majors, as well as the streamed versions of the degree, for instance the Bachelor of Music (Performance) and Bachelor of Music (Composition).

Resolution UGSC2016/7-17
That the Undergraduate Studies Committee recommend that Academic Board approve:

1) the proposal from the Sydney Conservatorium of Music to amend the Bachelor of Music (Composition), Bachelor of Music (Performance), and Diploma of Music; and

2) the amendment of the course resolutions arising from the proposal with effect from 1 January 2018.
Subject to:

a) one combined course resolution being drafted for submission to the Academic Board, to include the new Bachelor of Music and its majors, and the streamed versions of the degree, namely, the Bachelor of Music (Performance) and Bachelor of Music (Composition).

b) the resolutions, as presented to this meeting, being submitted to the Academic Board in the event that the combined version is not prepared in time for submission to the Academic Board for its next meeting on the 7th of December 2016.

4.13 Faculty of Engineering and Information Technologies: Bachelor of Engineering Honours (Biomedical) – Amendment to UoS table

Professor Fekete observed that the proposal aims to replace one of a set of elective units with another. The alternative unit is a better placement for the students in the Biomedical stream semester-wise, as it removes the need for these students to overload in order to meet progression requirements.

Resolution UGSC2016/7-18
That the Undergraduate Studies Committee recommend that Academic Board approve:

1) the proposal from the Faculty of Engineering and Information Technologies to amend the Bachelor of Engineering Honours (Biomedical stream); and

2) the amendment of the table of Units of Study arising from the proposal, with effect from Semester 1, 2017.

4.14 Faculty of Health Sciences: Bachelor of Applied Science (Exercise and Sports Science)/Master of Nutrition and Dietetics – Amendment to course resolutions

Dr Halaki explained that the amendment to the course resolutions was necessitated by changes to the first year Biology units of study, which had resulted from the Life, Earth and Environmental Sciences (LEES) curriculum review, as part of the current curriculum reform required by the University's strategic plan 2016-2020. It was established that the unit changes would not affect learning outcomes.

Resolution UGSC2016/7-19
That the Undergraduate Studies Committee recommend that the Academic Board approve:

1) the proposal from the Faculty of Health Sciences to amend the Bachelor of Applied Science (Exercise and Sport Science) / Master of Nutrition and Dietetics; and

2) the amendment of the unit of study table arising from the proposal with effect from 1 January 2017.

4.15 Sydney Law School: Bachelor of Laws – Amendment to UoS table

Dr Grattan explained that the Law School proposes to add two experiential learning units to the elective table for the Bachelor of Laws. It is thought that these units, a Redfern Legal Centre placement, and an interdisciplinary project unit, will contribute to the placement of new graduate qualities within the Bachelor of Laws, as required by the University's strategic plan. This is also consistent with current accreditation requirements.

Resolution UGSC2016/7-20
That the Undergraduate Studies Committee recommend Academic Board approve:

1) the proposal from the Faculty of Law to amend the Bachelor of Laws; and

2) the amendment of the elective unit of study table arising from the proposal with effect from 1 January 2017.
4.16 **Faculty of Science: Bachelor of Science (Advanced)/Doctor of Dental Medicine – Amendment to course resolutions**

Jenny Saleeba explained that the amendment to the course resolutions was necessitated by changes to the first year Biology units of study, which had resulted from the Life, Earth and Environmental Sciences (LEES) curriculum review, as part of the current curriculum reform required by the University’s strategic plan 2016-2020. It was established that the unit changes would not affect learning outcomes.

**Resolution UGSC2016/7-21**

That the Undergraduate Studies Committee recommend Academic Board approve:

1) the proposal from the Faculty of Science to amend the Bachelor of Science (Advanced)/Doctor of Dental Medicine; and
2) the amendment of the course resolutions arising from the proposal with effect from 1 January 2017.

5 **ITEMS FOR NOTING**

No items were raised for noting.

6 **OTHER BUSINESS**

There having been no other business, the Meeting closed at 12.06 pm.

**Date of next meeting**

10:00am-12:00pm, Tuesday 7 February 2017, Senate Room, Quadrangle
Respect is a core value of the Academic Board

REPORT OF ACADEMIC BOARD MEETING

Items related to the Undergraduate Studies Committee
The Academic Board:

- Noted the report from the meeting of the Undergraduate Studies Committee held on 16 November 2016, and:
- Approved the amendment of the Terms of Reference of the Undergraduate Studies Committee, with immediate effect;
- Approved a proposal from the DVC Education Portfolio to endorse the learning outcomes for the new majors, with effect from 1 January 2018;
- Approved a proposal from the DVC Education Portfolio to introduce a Languages program to the Bachelor of Arts/Bachelor of Advanced Studies and approved the introduction of Course Resolutions arising from this proposal, with effect from 1 January 2018;
- Approved a proposal from the Sydney Conservatorium of Music to introduce the Bachelor of Music degree, approved the introduction of Course Resolutions arising from this proposal, and approved the amendment of the Resolutions of Senate related to the Degrees, Diplomas and Certificates in the Sydney Conservatorium of Music, to both introduce the new degree and rescind the existing Bachelor of Music Studies, Bachelor of Music Studies and Bachelor of Arts, Bachelor of Engineering (Honours)/Bachelor of Music Studies and Bachelor of Music Studies and Doctor of Medicine, with effect from 1 January 2018;
- Approved a proposal from the Sydney College of the Arts to introduce the Bachelor of Visual Arts/Bachelor of Advanced Studies, approved the introduction of Course Resolutions arising from this proposal, and approved the amendment of the Resolutions of Senate related to the Degrees, Diplomas and Certificates in the Sydney College of the Arts, with effect from 1 January 2018;
- Approved a proposal from the Faculty of Architecture, Design and Planning to amend the Faculty resolutions, with effect from 1 January 2017;
- Approved a proposal from the Faculty of Arts and Social Sciences to amend the Bachelor of International and Global Studies and approved the amendment of the course resolutions arising from the proposal, with effect from 1 January 2017;
- Approved a proposal from the Faculty of Arts and Social Sciences to amend the Bachelor of Political, Economic and Social Sciences and approved the amendment of the course resolutions arising from the proposal, with effect from 1 January 2017;
- Approved a proposal from the Faculty of Arts and Social Sciences to amend the Diploma of Arts and amend the course resolutions arising from the proposal, with effect from 1 January 2017;
- Approved a proposal from the Faculty of Arts and Social Sciences to amend the Diploma of Language Studies and approved the amendment of the course resolutions arising from the proposal, with effect from 1 January 2017;
- Approved a proposal from the Faculty of Arts and Social Sciences to amend the Diploma of Social Sciences and approved the amendment of the course resolutions arising from the proposal, with effect from 1 January 2017;
Non-Confidential

- Approved a proposal from the Sydney Conservatorium of Music to amend the Bachelor of Music (Composition), Bachelor of Music (Performance), and Diploma of Music and approved the amendment of the course resolutions arising from the proposal, with effect from 1 January 2018;
- Approved a proposal from the Faculty of Engineering and Information Technologies to amend the Bachelor of Engineer Honours (Biomedical stream) and approved the amendment of the table of Units of Study arising from the proposal, with effect from 1 January 2017;
- Approved a proposal from the Faculty of Health Sciences to amend the Bachelor of Applied Science (Exercise and Sport Science) / Master of Nutrition and Dietetics and approved the amendment of the unit of study table arising from the proposal, with effect from 1 January 2017;
- Approved a proposal from the Sydney Law School to amend the Bachelor of Laws and approved the amendment of the elective unit of study table arising from the proposal, with effect from 1 January 2017; and
- Approved a proposal from the Faculty of Science to amend the Bachelor of Science (Advanced) / Doctor of Dental Medicine and approved the amendment of the course resolutions arising from the proposal, with effect from 1 January 2017.

Other matters

The Academic Board also:

- Held a small-group discussion on the Higher Education Standards Framework (Threshold Standards) and the University's preparedness for TEQSA re-accreditation in 2017;
- Noted changes to membership for 2017;
- Provided the Chair and Deputy Chair to act on behalf of the Board to consider and decide on any urgent matters that arise between this meeting and the first meeting of 2017;
- Noted the report from the Chair of the Academic Board on matters considered by Senate at its meeting of 31 October 2016;
- Noted the report from the meeting of the Admissions Committee held on 9 November 2016;
- Noted the report from the meeting of the Graduate Studies Committee held on 16 November 2016 and:
  - Approved the amendment of the Terms of Reference of the Graduate Studies Committee, with immediate effect;
  - Approved a proposal from the Faculty of Arts and Social Sciences to amend the Master of Cultural Studies and approved the amendment to the course resolutions arising from the proposal, with effect from 1 January 2017;
  - Approved a proposal from the Faculty of Arts and Social Sciences to amend the Graduate Diploma in Development Studies and approved the amendment to the course resolutions arising from the proposal, with effect from 1 January 2017;
  - Approved a proposal from the Faculty of Arts and Social Sciences to amend the Graduate Certificate of Human Rights and approved the amendment to the course resolutions arising from the proposal, with effect from 1 January 2017;
  - Approved a proposal from the Faculty of Arts and Social Sciences to amend the Graduate Diploma in International Security; and approved the amendment to the course resolutions arising from the proposal, with effect from 1 January 2017;
  - Approved a proposal from the Faculty of Arts and Social Sciences to amend the Graduate Diploma in International Studies; and approved the amendment to the course resolutions arising from the proposal, with effect from 1 January 2017;
Non-Confidential

- Approved a proposal from the Faculty of Arts and Social Sciences to amend the Master of Public Policy and approved the amendment to the course resolutions arising from the proposal, with effect from 1 January 2017; and
- Approved a proposal from the Sydney Law School to amend the Juris Doctor and approved the amendment to the course resolutions and the table of units of study arising from the proposal, with effect from 1 January 2017.

- Noted the report from the meeting of the Academic Standards and Policy Committee held on 9 November 2016 and:
  - Approved the amendment of the Terms of Reference of the Academic Standards and Policy Committee, with immediate effect;
  - Approved the amendment of the Assessment Procedures 2011, as amended, to establish that as part of the administration of the formal exam period the Examinations Office be responsible for the scheduling and administration of replacement written exams in week 18 of each semester; and approved the adoption of the amended policy, with effect from 1 January 2017; and
  - Approved the amendment of the Resolutions of the Faculty of Arts and Social Sciences, as amended, with effect from 1 January 2017.
## Purpose

To amend section 7 of the Faculty resolutions to include the Faculty threshold for attendance in coursework degrees.

### RECOMMENDATION

*That the Undergraduate Studies Committee approve the minor amendment to the SCA Faculty resolutions effective from 6 March 2017.*

### EXECUTIVE SUMMARY

Sydney College of the Arts would like to add clause 7(3) to the Faculty resolutions clarifying its requirements for attendance.

#### 7 Attendance

1. Students are required to be in attendance at the correct time and place of any formal or informal examinations. Non attendance on any grounds is insufficient to claim special consideration thus resulting in the forfeiture of marks associated with the assessment. Participation in a minimum number of assessment items may be included in the requirements specified for a unit of study.

2. Students are expected to attend a minimum of 90% of timetabled activities for a unit of study, unless granted exemption by the Associate Dean. The Associate Dean, at their discretion, may set alternative arrangements or additional assessment items where attendance is lower than 90%. The Associate Dean may determine that a student fails a unit of study because of inadequate attendance.

3. A student who is absent from 50% or more of timetabled activities for a unit of study, regardless of reasons for the absences, cannot proceed in that unit of study and should discontinue the unit of study.

### ATTACHMENTS

- Attachment 1: Minor course amendment proposal
- Attachment 2: CMS mark-up of proposed change to Faculty Resolutions.
Minor Course Amendment Proposal

Faculty: Sydney College of the Arts

Contact person: Andrew Lavery

1. Name of award course

Faculty Resolutions

2. Purpose of proposal

To amend section 7 of the Faculty resolutions to include the Faculty threshold for attendance approved by SCA Board in September 2015.

3. Details of amendment

7 Attendance

(1) Students are required to be in attendance at the correct time and place of any formal or informal examinations. Non attendance on any grounds is insufficient to claim special consideration thus resulting in the forfeiture of marks associated with the assessment. Participation in a minimum number of assessment items may be included in the requirements specified for a unit of study.

(2) Students are expected to attend a minimum of 90% of timetabled activities for a unit of study, unless granted exemption by the Associate Dean. The Associate Dean, at their discretion, may set alternative arrangements or additional assessment items where attendance is lower than 90%. The Associate Dean may determine that a student fails a unit of study because of inadequate attendance.

(3) A student who is absent from 50% or more of timetabled activities for a unit of study, regardless of reasons for the absences, cannot proceed in that unit of study and should discontinue the unit of study.

4. Transitional arrangements

N/A

5. Other relevant information

6. Signature of Dean

[Signature]

Minor Course Amendment Proposal

Version 01.10.2014
Resolutions of the Sydney College of the Arts for coursework awards

These resolutions apply to all undergraduate and postgraduate coursework award courses in the Faculty, unless specifically indicated otherwise. Students enrolled in postgraduate research awards should consult the resolutions for their course. These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2014 (the 'Coursework Rule'), the resolutions for the course of enrolment, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

Part 1: Course enrolment

1 Enrolment restrictions

The Coursework Rule limits the maximum number of credit points students may take in any given semester. The Faculty does not encourage full time students to exceed the recommended enrolment patterns for its courses.

2 Time limits

The Coursework Rule limits the time students may take to complete their course; part time students should ensure their enrolment pattern allows completion within the maximum time. The Rule also defines how time limits are affected by periods of suspension or absence, and the time limits for recognition of credit for previous study.

3 Suspension, discontinuation and lapse of candidature

Suspension of candidature is governed by the Coursework Policy.

4 Credit for previous study

A student may be granted credit towards an award course on the basis of studies, regarded by the dean as equivalent in workload and academic standard, successfully completed at this or another university or tertiary institution. Credit will be granted according to the provisions of the Coursework Policy.

Part 2: Unit of study enrolment

5 Cross-institutional study

(1) Provided permission has been obtained in advance, the Dean may permit a student to complete a unit of study at another institution and have that unit credited to the student's course requirements, provided that:
   (a) the unit of study content is not taught in any corresponding unit of study at the University; or
   (b) the student is unable, for good reason, to attend a corresponding unit of study at the University

(2) Cross institutional study is regarded as another form of credit and will be counted as such when considering eligibility.

6 International exchange

(1) Sydney College of the Arts (SCA) has a number of faculty-specific exchange programs available to currently enrolled students of SCA after successful completion of one year of study.

(2) The following conditions and limitations apply:
   (a) The faculty does not allow candidates for postgraduate coursework awards to participate in international exchange programs.
   (b) Only one exchange is permissible during a postgraduate research degree.
   (c) Only one exchange is permissible during an undergraduate degree and exchange offers are subject to:
      (i) a credit average and successful completion of all units of study in the semesters preceding the exchange for second year students; and
      (ii) an average of 75 across intermediate and senior units and suitability of a research proposal for third year students accepted into honours year.

(3) Refer to the Faculty and International Office for more information.

Part 3: Studying and Assessment

7 Attendance

(1) Students are required to be in attendance at the correct time and place of any formal or informal examinations. Non attendance on any grounds is insufficient to claim special consideration thus resulting in the forfeiture of marks associated with the assessment. Participation in a minimum number of assessment items may be included in the requirements specified for a unit of study.

(2) Students are expected to attend a minimum of 90% of timetabled activities for a unit of study, unless granted exemption by the Associate Dean. The Associate Dean, at their discretion, may set alternative arrangements or additional assessment items where attendance is lower than 90%. The Associate Dean may determine that a student fails a unit of study because of inadequate attendance.

(3) A student who is absent from 50 per cent or more of timetabled activities for a unit of study, regardless of reasons for the absences, cannot proceed in that unit of study and should discontinue the unit of study.

8 Late submission policy

(1) It is expected that unless an application for special consideration has been approved, students will submit an assessment for a unit of study on the due date specified. If the assessment is completed and submitted within the period of extension, no academic penalty will be applied to that piece of assessment.

(2) If an extension is either not sought, not granted or is granted but work is submitted after the extended due date, the late submission of assessment will result in an academic penalty as follows:
   (a) For work submitted after the deadline but up to 15 working days late, a penalty of one per cent of the maximum mark awardable for the assignment will apply for each working day.
(b) Work submitted more than 15 working days after the deadline will not be assessed (Absent Fail).

9 Special consideration for illness, injury or misadventure
Special consideration is a process that affords equal opportunity to students who have experienced circumstances that adversely impact their ability to adequately complete an assessment task in a unit of study. The Coursework Rule provides full details of the University policy. The procedures for applying for special consideration are described in the Faculty handbook and on its website.

10 Concessional pass
In this Faculty the grade PCON (Concessional Pass) is not awarded.

11 Re-assessment
(1) In this Faculty re-assessment is offered to students whose performance is in the prescribed range and circumstances.
(2) Students whose final mark for their unit of study is within the range 45-49 may be offered the chance to complete re-assessment. Re-assessment will normally be offered within one week at the end of the formal examination period and it is the student’s responsibility to be available to attend during this time. The maximum mark awarded for a unit of study in these circumstances will be 50 - Pass.
(3) Students who have successfully requested special consideration may be allowed to sit the exam or submit the required work at a negotiated date based on an extension that is no longer than the period of incapacitation and in any case not longer than 3 months. After this time the student will be considered to have discontinued with permission. Marks will be awarded at full value for re-assessment where special consideration is approved.

Part 4: Progression, Results and Graduation

12 Satisfactory progress
The Faculty will monitor students for satisfactory progress towards the completion of their award course. In addition to the common triggers used to identify students not meeting academic progression requirements (as defined by the Progression requirements of the Coursework Rule), students must pass any unit of study identified in the course resolutions as being critical to progression through the course.

13 Weighted average mark (WAM)
(1) The University WAM is calculated using the following formula:
\[
\text{WAM} = \frac{\text{sum}(Wc \times Mc)}{\text{sum}(Wc)}
\]
Where Wc is the unit of study credit points multiplied by the unit weighting and Mc is the mark achieved for the unit. Pass/ fail units and credited units from other institutions are not counted. However, the marks from all attempts at a unit of study are included.
(2) The weight of a unit of study is assigned by the owning faculty. In this Faculty, junior units are weighted zero, Intermediate units are weighted two, Senior units are weighted three and graduate units are weighted one.

Part 5: Other

14 Transitional provisions
(1) These resolutions apply to students who commenced their candidature after 1 January, 2017 and students who commenced their candidature prior to 1 January, 2017 who elect to proceed under these resolutions.
(2) Candidates who commenced prior to 1 January, 2017 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that requirements are completed by 1 January, 2022. The Faculty may specify a later date for completion or specify alternative requirements for completion of candidatures that extend beyond this time.
Confidential OR Non-Confidential

<table>
<thead>
<tr>
<th>Author</th>
<th>Associate Professor Anna Rangan, School of Molecular Bioscience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reviewer/Approver</td>
<td>Professor Trevor Hambley, Dean of Science</td>
</tr>
<tr>
<td>Paper title</td>
<td>Bachelor of Science/Master of Nutrition and Dietetics minor course amendment</td>
</tr>
<tr>
<td>Purpose</td>
<td>To advise the Undergraduate Studies Committee and the Academic Board of the changes required to BSc/MND degree resolutions and degree table in order to bring them in line with approved 2018 prerequisites for the MND and accreditation requirements.</td>
</tr>
</tbody>
</table>

**RECOMMENDATION**

That the Undergraduate Studies Committee recommend that the Academic Board:

(1) approve the proposal from the Faculty of Science to amend the course resolutions for the Bachelor of Science / Master of Nutrition and Dietetics; and

(2) approve the amendment to the unit of study table arising from the proposal with effect from 1 January 2017.

**EXECUTIVE SUMMARY**

This proposal outlines the changes required to the BSc/MND degree resolutions and degree table in order to bring them in line with approved 2018 prerequisites for the MND and accreditation requirements.

1. Recently revised accreditation requirements stipulate students undertake 0.25 EFTSL of human biology subjects, followed by intermediate or senior physiology (0.25 EFTSL). The current degree resolutions do not stipulate ‘human biology’.

2. Current degree resolutions stipulate PSYC1001 as the only junior psychology option. We propose that 6 credit points of generic junior Psychology with a recommendation to take PSYC1002 is more suitable.

3. To provide clarity around required 24CP intermediate non-Table 1G units to allow the option to take AGEN2002 that is one of the two Food Science units required for accreditation.

**IMPLEMENTATION**

An errata is to be placed in the 2017 Faculty of Science Undergraduate Handbook.

**ATTACHMENTS**

1. Bachelor of Science/Master of Nutrition and Dietetics minor course amendment proposal
2. Amended course resolutions
3. Amended degree table
Minor Course Amendment Proposal

Faculty: Faculty of Science

Contact person: Anna Rangan

1. **Name of award course**
   
   Bachelor of Science / Master of Nutrition and Dietetics

2. **Purpose of proposal**
   
   To advise the Undergraduate Studies Committee and Faculty Board of the changes required to BSc/MND degree resolutions and degree table in order to bring them in line with approved 2018 prerequisites for the MND and accreditation requirements.

   1. Recently revised accreditation requirements stipulate students undertake 0.25 EFTSL of human biology subjects, followed by intermediate or senior physiology (0.25 EFTSL). The current degree resolutions do not stipulate ‘human biology’.

   2. Current degree resolutions stipulate PSYC1001 as the only junior psychology option. We propose that 6 credit points of generic junior Psychology with a recommendation to take PSYC1002 is more suitable.

   3. To provide clarity around required 24CP intermediate non-Table 1G units to allow the option to take AGEN2002 that is one of the two Food Science units required for accreditation.

3. **Details of amendment**

   The new draft accreditation standards from the Dietitians Association of Australia released in February 2016 outline the minimum requirements for the undergraduate degree (see in italics below).

   **Accreditation Standard 4 Curriculum:**

   4.2 Biosciences and physiology content shall underpin the application of science in nutrition and dietetic practice. A minimum of one third (1.0 EFTSL) of a three year undergraduate degree shall comprise biosciences which underpin nutrition, taught within a program centred on an evidence-based practice framework. This shall include:

   a. a biochemistry stream with chemistry subjects (0.25 EFTSL) followed by biochemistry (0.25 EFTSL); and

   b. a physiology stream with human biology subjects (0.25 EFTSL) followed by physiology (0.25 EFTSL).

   4.3 The University shall demonstrate that students' foundational knowledge in food and nutrition appropriately scaffolds to later assessment against the NCS.

   The prerequisites in human biology (0.25 EFTSL) underpin the intermediate physiology units of study (standing prerequisite) in the undergraduate degree. In the current 2017 Handbook and Resolutions, the junior biology units are incorporated, but do NOT specify human biology. We therefore propose a change to the junior biology units required:

   Students are required to complete 12 credit points of junior biology units with a human-focus, specifically BIOL1XX3 Human Biology and BIOL1XX7 From Molecules to Ecosystems.

   The second change relates to the Table 1G junior psychology requirement (6 cp PSYC1001). After discussion with Dr Caleb Owens, the first year Psychology coordinator, it is proposed that either PSYC1001 or PSYC1002 would be suitable as a pre-requisite for the MND program with PSYC1002 being the most appropriate as this more closely aligns with topics in nutrition and dietetics. To provide broader achievement, it is recommended to modify the junior Psychology requirement to 6 credit points junior Psychology with PSYC1002 as the recommended option:

   Students are required to complete 6 credit points of junior psychology units. PSYC1002 is the recommended option.
The third change relates to incorporation of the new Food Science requirement for accreditation into Year 2 of the degree. The current resolutions state that students need to complete 24 cp of Intermediate Core units of study, as well as an additional 24 cp of Intermediate elective units of study from Science Table 1. This requirement, along with the new requirement of 6 cp of Food Science, means that there is not enough credit point space in Year 2. Therefore, it is proposed that the BSc/MND resolutions and Table 1G be changed so that students must complete either (24cp of Intermediate Science Table 1 and (AGEN9004 in their third year)) or (18cp of Intermediate Science Table 1 and AGEN2002 in their second year):

Change to degree resolutions, 6.2 Requirements for the Bachelor of Science (3):
(iii) At least 1824 credit points of elective Intermediate Science units selected from Table 1; and

Change to Table 1G:
Second Year
(v) An additional 24 credit points of intermediate Science electives from Table 1, or (18 credit points of intermediate Science electives from Table 1 and AGEN2002)

4. Transitional arrangements

Our staff in Nutrition and Dietetics are in regular contact with all current BScMND and BAppScMND students (from years 1-5) and will be able to advise all first year students in 2017 to 1) undertake BIOL1XX3 and BIOL1XX7 and 2) have a choice of PSYC1001 or PSYC1002.

5. Other relevant information

6. Signature of Dean

[Signature]
Prof T.W Hambley
Dean, Faculty of Science

BSc/MND Minor Course Amendment Proposal

13th January, 2017
BACHELOR OF SCIENCE / MASTER OF NUTRITION AND DIETETICS

Bachelor of Science / Master of Nutrition and Dietetics

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2014 (the 'Coursework Rule'), the Coursework Policy 2014, the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism. Up to date versions of all such documents are available from the Policy Register: http://www.sydney.edu.au/policies.

Course resolutions
1 Course codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Course title</th>
<th>Stream title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPSCINUD-01</td>
<td>Bachelor of Science/ Master of Nutrition and Dietetics</td>
<td>Bachelor of Science (Advanced), Bachelor of Science (Advanced Mathematics)</td>
</tr>
<tr>
<td>MANUTDIE-01</td>
<td>Master of Nutrition and Dietetics</td>
<td></td>
</tr>
</tbody>
</table>

2 Attendance pattern
The attendance pattern for the Bachelor of Science is full time or part time according to student choice, whereas the attendance pattern for the Master of Nutrition and Dietetics is full time only.

3 Streams
(1)
The Bachelor of Science in this combined degree is also available in the following streams:
(a) Advanced
(b) Advanced Mathematics

(2)
Students with a sufficient ATAR may choose to be admitted into either of the Advanced streams. All others will enter the Bachelor of Science without a stream. Students, who have completed at least 48 credit points, may be permitted to transfer to either the Bachelor of Science (Advanced) or (Advanced Mathematics) stream if they:
(a) achieved an average mark of 75 or greater over all units of study attempted; and
(b) are able to enrol in the required number of Advanced level units or Talented Student Program (TSP) units.

(3)
Students wishing to transfer between streams should contact the Faculty student office.

4 Master’s type
The master’s degree in these resolutions is a professional master’s course, as defined by the Coursework Policy. It is accredited by the Dietitians Association of Australia.

5 Admission to candidature
Admission to undergraduate courses at the University of Sydney is either on the basis of completion of secondary study via the NSW Higher School Certificate, leading to the award of an Australian Tertiary Admission Ranking (ATAR) or equivalent (and subject to special admissions provisions as set out in the Coursework Policy), or on the basis of Mature Age Admission as set out in the Admissions chapter of the Coursework Rule.

6 Requirements for award
(1)
To qualify for the award of Bachelor of Science/ Master of Nutrition and Dietetics a student must successfully complete 240 credit points, comprising:

20170113 v2 BSc/MND Changes for Academic Board approval
(a) 144 credit points from the Bachelor of Science; and

(b) 96 credit points from the Master of Nutrition and Dietetics.

(2)

Requirements for the Bachelor of Science

(a) The Dean may permit a student of exceptional merit who is admitted to the Talented Student Program to undertake a unit or units of study within the Faculty other than those specified in the tables.

(b) The units of study that may be taken for the Bachelor of Science are listed in:

(i) Table 1G for the combined Bachelor of Science/ Master of Nutrition and Dietetics; and

(ii) Table 1 for the Bachelor of Science.

(c) Candidates must complete 144 credits points, comprising:

(i) 42 credit points of core Junior Science units as specified in Table 1G; and

(ii) 24 credit points of core Intermediate Science units as specified in Table 1G; and

(iii) At least 24 credit points of elective Intermediate Science units selected from Table 1; and

(iv) at least one major from Science subject areas of Biochemistry, Microbiology, Nutrition and Metabolism, Physiology or Psychology as described in Table 1; and

(v) 6 credit points of Intermediate or Senior level Nutrition Science as specified in Table 1G; and

(vi) 6 credit points of Intermediate or Senior level Food Science as specified in Table 1G.

(d) In addition, candidates must ensure they enrol in no more than:

(i) 60 credit points of junior units of study; and

(ii) 12 credit points from units of study not listed in Table 1G and Table 1, with the approval of the relevant faculty.

(3)

Candidates completing the Advanced stream must include no more than 48 credit points of junior units of study and, as part of the above requirements, ensure:

(a) a minimum of 12 credit points of intermediate units of study at either the Advanced level or as Talented Student Program (TSP) units in Science subject areas; and

(b) a minimum of 48 credit points of senior units of study of which at least 24 credit points are completed at the Advanced level or as TSP units in a single Science subject area.

(4)

Candidates completing the Advanced Mathematics stream must include no more than 48 credit points of junior units of study and, as part of the above requirements, ensure:

(a) a minimum of 12 credit points of intermediate units of study at either the advanced level or as TSP units in the Science subject areas of Mathematics and Statistics; and

(b) a minimum of 48 credit points of senior units of study of which at least 24 credit points are completed at the Advanced level or as TSP units in a major in Mathematics, Statistics or Financial Mathematics and Statistics.

(5)

Requirements for the Master of Nutrition and Dietetics

Candidates must complete the requirements for the Master of Nutrition and Dietetics degree as set out in the course resolutions and table of units for the Master of Nutrition and Dietetics.

7 Majors

(1)

A candidate must complete at least one of the following majors in the Bachelor of Science degree:

(a) Biochemistry

(b) Microbiology

20170113 v2 BSc/MND Changes for Academic Board approval
Completion of a major is a requirement of the Bachelor of Science. With the exception of the Psychology major which requires 48 credit points across intermediate and senior Psychology units of study, a major requires the completion of 24 senior credit points in one Science subject area, chosen from units of study listed in the table for that subject area. Units of study counted towards one major may not count toward any other major. The full list of majors available in the Bachelor of Science is specified in the course resolution for the Bachelor of Science.

8 Progression rules

(1) Candidates must complete the requirements for the Bachelor of Science with a Weighted Average Mark of at least 65 in order to be eligible to proceed to the Master of Nutrition and Dietetics.

(2) Candidates who complete the requirements for the Bachelor of Science but fail to achieve a WAM of 65 will not progress to the Master of Nutrition and Dietetics and will be awarded the Bachelor of Science only.

(3) Candidates enrolled in the Bachelor of Science (Advanced) or Bachelor of Science (Advanced Mathematics) are required to maintain a minimum average mark of 65 in all intermediate and senior units of study in Science subject areas in each year of enrolment. Failure to maintain the required average will result in candidates being transferred to the Bachelor of Science in their next year of enrolment with full credit for the units of study completed.

(4) Candidates enrolled in the Bachelor of Science (Advanced) or Bachelor of Science (Advanced Mathematics) who fail to achieve an average mark of 65 across all Science units of study attempted in their final year but have otherwise completed all the requirements of the degree will be awarded the Bachelor of Science.

9 Requirements for the Honours degree

(1) Honours in Science is available to meritorious candidates who complete an additional year of full time study, after the completion of the pass degree. Students must complete the requirements for the honours course full-time over two consecutive semesters. If the School is satisfied that a student is unable to attempt honours course on a full time basis and if the Dean so recommends, permission may be granted to undertake honours part-time over four consecutive semesters.

(2) Admission and award requirements for honours in Science are described in the resolutions of the Faculty of Science.

(3) Students who qualify to undertake honours in the Bachelor of Science may elect to enrol in the honours program:

(a) by suspending candidature from the Master of Nutrition and Dietetics for one year, with the permission of the Faculty; or

(b) by undertaking the honours course after completion of both degrees in the combined program.

10 Award of the degree

(1) The Bachelor of Science is awarded as either Pass or Honours. The honours degree is awarded in classes ranging from First Class to Third Class according to the rules specified in the Resolutions of the Faculty of Science. Candidates for the award of the Honours degree who do not meet the requirements, and who have not already graduated, will be awarded the pass degree.

(2) The Master of Nutrition and Dietetics is awarded as a Pass degree only.
11 Course transfer
A student may abandon this course and elect to complete the Bachelor of Science in accordance with the resolutions governing that degree. Completion of the Master of Nutrition and Dietetics in the future will require a new application for admission to that course and completion in accordance with the resolutions governing that degree.

12 Transitional provisions
(1) These resolutions apply to persons who commenced their candidature after 1 January, 2017 and persons who commenced their candidature prior to 1 January, 2017 who elect to proceed under these resolutions.

(2) Candidates who commenced prior to 1 January, 2017 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that requirements are completed by 1 January, 2021 or later date as the Faculty may, in special circumstances, approve.
## Table 1G: Bachelor of Science / Master of Nutrition and Dietetics

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First year</strong></td>
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<tr>
<td>(i) 12 credit points of junior Biology, which must include (BIOL1006/1906/1996 or BIOL1003/1903/1993), and (BIOL1007/1907/1997 or MBLG1001/1901/1991)</td>
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<tr>
<td>(ii) 12 credit points of junior Chemistry</td>
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<td>(iii) 12 credit points of junior Mathematics, which must include 3 credit points of statistics.</td>
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<tr>
<td>(iv) PSYC1001 6 credit points of junior Psychology (PSYC1002 is the recommended option)</td>
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<tr>
<td>(v) 6 credit points of an elective unit of study</td>
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</tbody>
</table>

### BIO1006 Life and Evolution
- Credit: 6
- **A**: HSC Biology. Students who have not completed HSC Biology (or equivalent) are strongly advised to take the Biology Bridging Course (offered in February).
- **N**: BIOL1500 or BIOL1901 or BIOL1993 or EDUH1016
- Session: Semester 1

### BIO1906 Life and Evolution (Advanced)
- Credit: 6
- **A**: 85 or above in HSC Biology or equivalent. BIOL1001 or BIOL1911 or BIOL1991 or BIOL1006 or BIOL1996
- **N**: BIOL1001 or BIOL1911 or BIOL1991 or BIOL1006 or BIOL1996
- Note: Department permission required for enrolment
- Session: Semester 1

### BIO1996 Life and Evolution (SSP)
- Credit: 6
- **A**: 90 or above in HSC Biology or equivalent. BIOL1001 or BIOL1911 or BIOL1991 or BIOL1006 or BIOL1996
- **N**: BIOL1001 or BIOL1911 or BIOL1991 or BIOL1006 or BIOL1996
- Note: Department permission required for enrolment
- Session: Semester 1

### BIO1007 From Molecules to Ecosystems
- Credit: 6
- **A**: HSC Biology. Students who have not completed HSC Biology (or equivalent) are strongly advised to take the Biology Bridging Course (offered in February).
- **N**: BIOL1907 or BIOL1997
- Session: Semester 2

### BIO1907 From Molecules to Ecosystems (Advanced)
- Credit: 6
- **A**: 85 or above in HSC Biology or equivalent. BIOL1007 or BIOL1997
- Note: Department permission required for enrolment
- Session: Semester 2

### BIO1997 From Molecules to Ecosystems (SSP)
- Credit: 6
- **A**: 90 or above in HSC Biology or equivalent. BIOL1007 or BIOL1907
- Note: Department permission required for enrolment
- Session: Semester 2

### BIO1003 Human Biology
- Credit: 6
- **A**: HSC Biology. Students who have not completed HSC Biology (or equivalent) are strongly advised to take the Biology Bridging Course (offered in February).
- **N**: BIOL1500 or BIOL1003 or BIOL1904 or BIOL1905 or BIOL1993 or EDUH1016
- **Students who have not completed HSC Biology (or equivalent) are strongly advised to take the Biology Bridging Course (in February)**
- Session: 1 Summer Main

### BIO1903 Human Biology (Advanced)
- Credit: 6
- **A**: (85 or above in HSC Biology or equivalent). BIOL1500 or BIOL1003 or BIOL1904 or BIOL1905 or BIOL1993 or EDUH1016
- Session: 1
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Assumptions</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL1993</td>
<td>Human Biology (Special Studies)</td>
<td>6</td>
<td>A (90 or above in HSC Biology or equivalent) OR (85 or above in any junior biology unit)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>N BIOL1003 or BIOL1903 or BIOL1991</td>
<td>Semester 1</td>
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</table>

**CHEM1001 Fundamentals of Chemistry 1A**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Assumptions</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6</td>
<td>A There is no assumed knowledge of chemistry for this unit of study but students who have not completed HSC Chemistry (or equivalent) are strongly advised to take the Chemistry Bridging Course (offered in February).</td>
<td>Semester 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>N CHEM1101 or CHEM1901 or CHEM1903 or CHEM1909 or CHEM1109</td>
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Students who have not completed HSC Chemistry (or equivalent) are strongly advised to take the Chemistry Bridging Course (offered in February, see http://sydney.edu.au/science/chemistry/studying-chemistry/bridging-course.shtml).

**CHEM1101 Chemistry 1A**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Assumptions</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6</td>
<td>A HSC Chemistry and Mathematics. Students who have not completed HSC Chemistry (or equivalent) and HSC Mathematics (or equivalent) are strongly advised to take the Chemistry and Mathematics Bridging Courses (offered in February).</td>
<td>Semester 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>N CHEM1001 or CHEM1901 or CHEM1903 or CHEM1909 or CHEM1109</td>
<td></td>
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</table>

Students who have not completed HSC Chemistry (or equivalent) and HSC Mathematics (or equivalent) are strongly advised to take the Chemistry and Mathematics Bridging Courses (offered in February, http://sydney.edu.au/science/chemistry/studying-chemistry/bridging-course.shtml).

**CHEM1901 Chemistry 1A (Advanced)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<th>Assumptions</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6</td>
<td>A 85 or above in HSC Chemistry or equivalent</td>
<td>Semester 1</td>
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<tr>
<td></td>
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<td>N CHEM1001 or CHEM1101 or CHEM1903 or CHEM1909 or CHEM1109</td>
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**CHEM1903 Chemistry 1A (Special Studies Program)**

<table>
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<th>Course Code</th>
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<th>Assumptions</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6</td>
<td>A 90 or above in HSC Chemistry or equivalent</td>
<td>Semester 1</td>
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<tr>
<td></td>
<td></td>
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<td>N CHEM1001 or CHEM1101 or CHEM1901 or CHEM1909 or CHEM1109</td>
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**CHEM1002 Fundamentals of Chemistry 1B**

<table>
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<tr>
<th>Course Code</th>
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<th>Assumptions</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6</td>
<td>P CHEM1001 or CHEM1101 or CHEM1102 or CHEM1902 or CHEM1108</td>
<td>Semester 2</td>
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**CHEM1102 Chemistry 1B**

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<th>Course Code</th>
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<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6</td>
<td>P CHEM1101 or CHEM1901, or a Distinction in CHEM1001 or CHEM1902 or CHEM1002 or CHEM1108</td>
<td>Semester 1</td>
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<tr>
<td></td>
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<td></td>
<td>N CHEM1002 or CHEM1102 or CHEM1904 or CHEM1108</td>
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**CHEM1902 Chemistry 1B (Advanced)**

<table>
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<th>Course Title</th>
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<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6</td>
<td>P CHEM1001 OR CHEM1903 OR (75 or above in CHEM1101) or CHEM1002 or CHEM1102 or CHEM1108</td>
<td>Semester 2</td>
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<tr>
<td></td>
<td></td>
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<td>N CHEM1002 or CHEM1102 or CHEM1904 or CHEM1108</td>
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**CHEM1904 Chemistry 1B (Special Studies Program)**

<table>
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<th>Course Title</th>
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<th>Assumptions</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6</td>
<td>P 75 or above in CHEM1903 or CHEM1002 or CHEM1102 or CHEM1902 or CHEM1108</td>
<td>Semester 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Entry is by invitation. This unit of study is deemed to be an Advanced unit of study.</td>
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**MATH1011 Applications of Calculus**

<table>
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<th>Assumptions</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>A HSC Mathematics. Students who have not completed HSC Mathematics (or equivalent) are strongly advised to take the Mathematics Bridging Course (offered in February).</td>
<td>Semester 1</td>
</tr>
<tr>
<td></td>
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<td>N MATH1001 or MATH1901 or MATH1006 or MATH1111 or BIOM1003 or ENVX1001</td>
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**MATH1014 Introduction to Linear Algebra**

<table>
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<th>Assumptions</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>A HSC Mathematics or MATH1111. Students who have not completed HSC Mathematics (or equivalent) are strongly advised to take the Mathematics Bridging Course (offered in February).</td>
<td>Semester 2</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>N MATH1012 or MATH1002 or MATH1902</td>
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**MATH1111 Introduction to Calculus**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Assumptions</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6</td>
<td>A HSC General Mathematics. Students who have not completed HSC Mathematics (or equivalent) are strongly advised to take the Mathematics Bridging Course (offered in February).</td>
<td>Semester 1</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>N MATH1011 or MATH1901 or MATH1906 or MATH1001 or HSC Mathematics Extension 1 or HSC Mathematics Extension 2 or ENVX1001</td>
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</table>

Students who have previously successfully studied calculus at a level at least equivalent to HSC Mathematics are prohibited.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites</th>
<th>Offered At</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH1013</td>
<td>Mathematical Modelling</td>
<td>3</td>
<td>HSC Mathematics or a credit or higher in MATH1111. Students who have not completed HSC Mathematics (or equivalent) are strongly advised to take the Mathematics Bridging Course (offered in February). N MATH1003 or MATH1903 or MATH1907</td>
<td>Semester 2</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>Semester 2 Summer Main</td>
<td></td>
</tr>
<tr>
<td>MATH1015</td>
<td>Biostatistics</td>
<td>3</td>
<td>HSC Mathematics. Students who have not completed HSC Mathematics (or equivalent) are strongly advised to take the Mathematics Bridging Course (offered in February). N MATH1005 or MATH1905 or STAT1021 or STAT1022 or ECMT1010 or BIOM1003 or ENVX1001 or BUSS1020</td>
<td>Semester 1</td>
</tr>
<tr>
<td></td>
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<td>Semester 1 Summer Main</td>
<td></td>
</tr>
<tr>
<td>MATH1001</td>
<td>Differential Calculus</td>
<td>3</td>
<td>HSC Mathematics Extension 1. Students who have not completed HSC Extension 1 Mathematics (or equivalent) are strongly advised to take the Extension 1 Mathematics Bridging Course (offered in February). N MATH1011 or MATH1901 or MATH1906 or MATH1111 or ENVX1001.</td>
<td>Semester 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Semester 1 Summer Main</td>
<td></td>
</tr>
<tr>
<td>MATH1002</td>
<td>Linear Algebra</td>
<td>3</td>
<td>HSC Mathematics or MATH1111. Students who have not completed HSC Mathematics (or equivalent) are strongly advised to take the Mathematics Bridging Course (offered in February). N MATH1904 or MATH2011</td>
<td>Semester 1</td>
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<td></td>
<td></td>
<td></td>
<td>Semester 1 Summer Main</td>
<td></td>
</tr>
<tr>
<td>MATH1003</td>
<td>Integral Calculus and Modelling</td>
<td>3</td>
<td>HSC Mathematics Extension 1 or MATH1001 or MATH1011 or a credit or higher in MATH1111. Students who have not completed HSC Extension 1 Mathematics (or equivalent) are strongly advised to take the Extension 1 Mathematics Bridging Course (offered in February). N MATH1013 or MATH1903 or MATH1907</td>
<td>Semester 2</td>
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<tr>
<td></td>
<td></td>
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<td>Semester 2 Summer Main</td>
<td></td>
</tr>
<tr>
<td>MATH1004</td>
<td>Discrete Mathematics</td>
<td>3</td>
<td>HSC Mathematics or MATH1111. Students who have not completed HSC Mathematics (or equivalent) are strongly advised to take the Mathematics Bridging Course (offered in February). N MATH1904 or MATH2011</td>
<td>Semester 2</td>
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<tr>
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<td>Semester 2 Summer Main</td>
<td></td>
</tr>
<tr>
<td>MATH1005</td>
<td>Statistics</td>
<td>3</td>
<td>HSC Mathematics. Students who have not completed HSC Mathematics (or equivalent) are strongly advised to take the Mathematics Bridging Course (offered in February). N MATH1904 or MATH2011</td>
<td>Semester 2</td>
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<td>Semester 2 Summer Main</td>
<td></td>
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<tr>
<td>MATH1901</td>
<td>Differential Calculus (Advanced)</td>
<td>3</td>
<td>(HSC Mathematics Extension 2) OR (90 or above in HSC Mathematics Extension 1) OR equivalent N MATH1001 or MATH1011 or MATH1906 or MATH1111 or ENVX1001</td>
<td>Semester 1</td>
</tr>
<tr>
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<td></td>
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<td>Semester 1 Summer Main</td>
<td></td>
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<tr>
<td>MATH1902</td>
<td>Linear Algebra (Advanced)</td>
<td>3</td>
<td>(HSC Mathematics Extension 2) OR (90 or above in HSC Mathematics Extension 1) OR equivalent N MATH1002 or MATH1012 or MATH1014</td>
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<td></td>
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<td>Semester 1 Summer Main</td>
<td></td>
</tr>
<tr>
<td>MATH1903</td>
<td>Integral Calculus and Modelling Advanced</td>
<td>3</td>
<td>(HSC Mathematics Extension 2) OR (90 or above in HSC Mathematics Extension 1) OR (75 or above in MATH1001) OR (MATH1901) N MATH1003 or MATH1013 or MATH1907</td>
<td>Semester 2</td>
</tr>
<tr>
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<td></td>
<td>Semester 2 Winter Main</td>
<td></td>
</tr>
<tr>
<td>MATH1905</td>
<td>Statistics (Advanced)</td>
<td>3</td>
<td>(HSC Mathematics Extension 2) OR (90 or above in HSC Mathematics Extension 1) OR equivalent N MATH1005 or MATH1015 or STAT1021 or STAT1022 or ECMT1010 or ENVX1001 or BUSS1020</td>
<td>Semester 2</td>
</tr>
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<td></td>
<td></td>
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<td>Semester 2 Winter Main</td>
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</tr>
<tr>
<td>MATH1906</td>
<td>Mathematics (Special Studies Program) A</td>
<td>3</td>
<td>Band E4 in HSC Mathematics Extension 2 or equivalent N MATH1001 or MATH1011 or MATH1111 or ENVX1001</td>
<td>Semester 1</td>
</tr>
<tr>
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<td>Semester 1 Summer Main</td>
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<tr>
<td>MATH1907</td>
<td>Mathematics (Special Studies Program) B</td>
<td>3</td>
<td>P 75 or above in MATH1906 N MATH1003 or MATH1903 or MATH1013</td>
<td>Semester 2</td>
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<td></td>
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<td>Semester 2 Winter Main</td>
<td></td>
</tr>
<tr>
<td>PSYC1001</td>
<td>Psychology 1001</td>
<td>6</td>
<td>Enrolment is by invitation only.</td>
<td>Semester 1</td>
</tr>
<tr>
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<td></td>
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<td>Semester 1 Summer Main</td>
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<tr>
<td>PSYC1002</td>
<td>Psychology 1002</td>
<td>6</td>
<td>Enrolment is by invitation only.</td>
<td>Semester 2</td>
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<td>Semester 2 Summer Main</td>
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Second year

Students must complete:

(i) BCHM2071/2971 or MBLG2071/2971

(ii) BCHM2072/2972

(iii) PHSI2005/2905

(iv) PHSI2006/2906

(v) An additional 24 credit points of intermediate Science electives from Table 1, or (18 credit points of intermediate Science electives from Table 1 and AGEN2002)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Semester</th>
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</thead>
<tbody>
<tr>
<td><strong>BCHM2071 Protein Biochemistry</strong></td>
<td>6</td>
<td>P 6cp from (BIOL1XX7, MBLG1XXX) and 12cp from CHEM1XXX N BCHM2011 or BCHM2971</td>
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<tr>
<td><strong>BCHM2971 Protein Biochemistry (Advanced)</strong></td>
<td>6</td>
<td>P 12cp from CHEM1XXX and a mark of 75 or above in 6cp from (BIOL1XX7, MBLG1XXX) N BCHM2071</td>
<td>2</td>
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<tr>
<td><strong>BCHM2072 Human Biochemistry</strong></td>
<td>6</td>
<td>P 6cp from (BIOL1XX7, MBLG1XXX) and 12cp from CHEM1XXX N BCHM2002 or BCHM2102 or BCHM2972 or BCHM2902 or BCHM2112 or BMED2401 or BMED2402 or BMED2403 or BMED2404 or BMED2405 or BMED2406 or BMED2801 or BMED2802 or BMED2803 or BMED2804 or BMED2805 or BMED2806 or BMED2807 or BMED2808</td>
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<tr>
<td><strong>BCHM2972 Human Biochemistry (Advanced)</strong></td>
<td>6</td>
<td>P 12cp from CHEM1XXX and a mark of 75 or above in 6cp from (BIOL1XX7, MBLG1XXX) N BCHM2072 or BMED2401 or BMED2402 or BMED2403 or BMED2404 or BMED2405 or BMED2406 or BMED2801 or BMED2802 or BMED2803 or BMED2804 or BMED2805 or BMED2806 or BMED2807 or BMED2808</td>
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</tr>
<tr>
<td><strong>MBLG2071 Molecular Biology and Genomics</strong></td>
<td>6</td>
<td>P 6cp from (BIOL1XX7, MBLG1XXX), and 12cp from CHEM1XXX N BCHM2001 or MBLG2111 or MBLG2871 or BCHM2901 or AGCH2001 or MBLG2901 or BCHM2101 or MBLG2101 or MBLG2971 or MBLG2771</td>
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<tr>
<td><strong>MBLG2971 Molecular Biology and Genomics (Adv)</strong></td>
<td>6</td>
<td>P 12cp from CHEM1XXX and a mark of 75 or above in 6cp from (BIOL1XX7, MBLG1XXX) N MBLG2901 or MBLG2001 or BCHM2001 or AGCH2001 or MBLG2101 or MBLG2871 or MBLG2111 or MBLG2771 or BCHM2101 or MBLG2971 or BCHM2901</td>
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</tr>
<tr>
<td><strong>PHSI2005 Integrated Physiology A</strong></td>
<td>6</td>
<td>P 6cp from (MATH1XX5, ATHK1001) and 6cp from CHEM1XXX and 12cp from (BIOL1XXX, MBLG1XXX, PHYS1XXX, PSYC1XXX, CHEM1XXX, MATH1XXX (except MATH1XX5)) N PHSI2901 or PHSI2905 or PHSI2101 or PHSI2001 or BMED2401 or BMED2402 or BMED2403 or BMED2404 or BMED2405 or BMED2406 or BMED2801 or BMED2802 or BMED2803 or BMED2804 or BMED2805 or BMED2806 or BMED2807 or BMED2808</td>
<td>1</td>
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</tbody>
</table>

The completion of 6 credit points of MBLG units of study is highly recommended for progression to Senior Physiology.

20170113 v2 BSc/MND Changes for Academic Board approval
PHSI2905  
Integrated Physiology A (Advanced)  
6 P An average mark of 75 or above in 6cp from (MATH1XXX, ATHK1001) and 6cp from CHEM1XXX and 12cp from (BIOL1XXX, MBLG1XXX, PHYS1XXX, PSYC1XXX, CHEM1XXX, MATH1XXX (except MATH1XX5))  
N PHSI2001 or PHSI2901 or PHSI2101 or PHSI2005 or BMED2401 or BMED2402 or BMED2403 or BMED2404 or BMED2405 or BMED2406 or BMED2801 or BMED2802 or BMED2803 or BMED2804 or BMED2805 or BMED2806 or BMED2807 or BMED2808  
The completion of 6 credit points of MBLG units of study is highly recommended for progression to Senior Physiology.

PHSI2006  
Integrated Physiology B  
6 P 6cp from (MATH1XX5, ATHK1001) and 6cp from CHEM1XXX and 12cp from (BIOL1XXX, MBLG1XXX, PHYS1XXX, PSYC1XXX, CHEM1XXX, MATH1XXX (except MATH1XX5))  
N PHSI2902 or PHSI2906 or PHSI2102 or PHSI2002 or BMED2401 or BMED2402 or BMED2403 or BMED2404 or BMED2405 or BMED2406 or BMED2801 or BMED2802 or BMED2803 or BMED2804 or BMED2805 or BMED2806 or BMED2807 or BMED2808  
The completion of 6 credit points of MBLG units is highly recommended for progression to Senior Physiology. It is recommended that PHSI2005 is completed before enrolling in PHSI2006.

PHSI2906  
Integrated Physiology B (Advanced)  
6 P An average mark of 75 or above in 6cp from (MATH1XX5, ATHK1001) and 6cp from CHEM1XXX and 12cp from (BIOL1XXX, MBLG1XXX, PHYS1XXX, PSYC1XXX, CHEM1XXX, MATH1XXX (except MATH1XX5))  
N PHSI2102 or PHSI2902 or PHSI2002 or PHSI2006 or BMED2401 or BMED2402 or BMED2403 or BMED2404 or BMED2405 or BMED2406 or BMED2801 or BMED2802 or BMED2803 or BMED2804 or BMED2805 or BMED2806 or BMED2807 or BMED2808  
The completion of 6 credit points of MBLG units of study is highly recommended for progression to Senior Physiology.

Food Science

Students are required to complete at least 6 credit points of Intermediate or Senior Food Science chosen from the following (students may need to apply through special permission to access these units):

AGEN2002  
Fresh Produce Management  
6 A HSC level Mathematics and Biology  
P 12cp from (BIOL1XXX, AGEN1004) and 12cp from (CHEM1XX1, CHEM1XX2, AGEN1006)  
Semester 1

AGEN3004  
Food Processing and Value Adding  
6 A 6cp from (BIOL1XXX, MBLG1XXX) and 6cp from CHEM1XXX  
P 36cp Junior/Intermediate units including 12cp from (CHEM1XX1, CHEM1XX2, AGEN1006)  
Semester 1

Third year

Students must complete:

(i) a major in Biochemistry or Microbiology or Nutrition and Metabolism or Physiology or Psychology

(ii) NUTM3001

(iii) up to an additional 24 senior credit points which may constitute a second major or electives

(iv) 6 credit points of Food Science if not completed in second year.

Students must ensure that they have completed no more than 12 credit points of units of study listed outside of Table 1G and Table 1 across their whole degree.

NUTM3001  
Introductory Nutrition and Metabolism  
6 A Intermediate level Physiology  
P [(BCHM2072 or BCHM2972) and (MBLG2071 or MBLG2971 or BCHM2071 or BCHM2971)] OR [(MBLG2071 or MBLG2971 or BCHM2071 or BCHM2971) and (BMED2401 and BMED2405 and 6 additional credit points of BMED240X)]  
Semester 1

20170113 v2 BSc/MND Changes for Academic Board approval
<table>
<thead>
<tr>
<th>Years 4 &amp; 5</th>
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<tr>
<td>Students who successfully complete progression requirements enrol in the Master of Nutrition and Dietetics degree.</td>
</tr>
<tr>
<td>Students complete requirements for the Master of Nutrition and Dietetics degree as set out in the relevant Postgraduate Handbook chapter.</td>
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<td>Item</td>
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<td><strong>PROCEDURAL MATTERS</strong></td>
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<td>Minutes of previous meeting</td>
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<td><strong>STANDING ITEMS</strong></td>
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<td>Report of Academic Board meeting</td>
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<td><strong>ITEMS FOR APPROVAL</strong></td>
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<td>New course proposals</td>
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<td>Major course proposals</td>
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<td>Minor course proposals</td>
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<td><strong>ITEMS FOR NOTING</strong></td>
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<td>Policy and Procedure Amendments</td>
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<td>Forward Plan</td>
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<td>Meeting dates (following year)</td>
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<td><strong>ITEMS FOR DISCUSSION</strong></td>
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<tr>
<td>Review of Resolutions, Policy and Procedures related to Undergraduate Study</td>
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<tr>
<td>Various others</td>
</tr>
</tbody>
</table>

X = item planned for discussion; Grey shading = item discussed