



Deletion Proposal

To delete a paper or programme (i.e. major or minor subject, qualification, or endorsement)
(Formerly labelled Form 5)

Before completing this form, please contact the Associate Dean (Academic) or Associate Dean (Postgraduate) (or equivalent) or Specialist (Academic Committees and Services) for your Division and read the document entitled [Important notes for completing deletion proposals](#)

Please note that most programme deletions must be reported to CUAP for noting. However, the University may approve and implement programme deletions prior to formal CUAP notification.

(Please retain the small font prompts for submission to the Board of Undergraduate Studies and Board of Graduate Studies.)

Name of Division/ School/Academic Unit	Division of Sciences, Sciences Divisional Office.
Proposer (name and position)	Mark Wilesmith, Specialist, Academic Committees and Services
Programme, Subject Code, Number and Title of Paper(s)	BAppSc and BAppSc (Hons)
Proposed year of Deletion (current students may be able to complete the programme after this date)	2024 – No New Enrolments into BAppSc and BAppSc (Hons) Programmes. Deletion at same time or at a convenient future point.

If you are making a series of related deletions, please include all of these in one proposal rather than filling out a separate form for each. If the proposed deletions have already been clearly identified in a related proposal, you do not need to complete this form.

Academic proposals are subject to [annual deadlines](#). Implementation of any proposed changes may be delayed if the proposal is submitted after the relevant deadline. Please consult the Specialist (Academic Committees and Services) for your Division for further information.

Qualification(s) and/or Paper(s) Being Deleted

(Please list any qualifications and/or papers being deleted.)

BAppSc, BAppSc (Hons)

SECTION 1 – JUSTIFICATION AND CONSULTATION

Justification

(Briefly state the reason for the deletion(s) and explain the effect of the deletion(s) on your academic unit's curriculum. If the deleted paper(s) will be replaced, but you have not yet completed a [New Paper Proposal](#), please indicate the paper(s) to be created and note that a separate [New Paper Proposal](#) will need to be completed.)

We wish to delete the BAppSc and BAppSc (Hons), transfer some of the existing majors into other qualifications and delete the remainder of majors. The introduction of the BAsC and BComSc has removed

some of inter-divisional uniqueness of the BAppSc. The BAppSc was originally a four year degree that changed to a standard three year degree sometime ago. There has been widespread confusion about the BAppSc regulations by both students and staff. Many major subjects have low or decreasing enrolments. The Division of Sciences wishes to simplify and reduce the number of qualifications and offerings that it makes. These justifications are explored elsewhere in this proposal.

Consultation with Students

(Consultation with students should be undertaken in parallel with consultation with other academic units, other Divisions, and support areas prior to submission of this proposal to your Divisional Board. The consultation shall include contacting the OUSA Academic Representative (academic@ousa.org.nz) or OUSA Postgraduate Students' Representative (postgrad@ousa.org.nz), who will contact relevant academic student associations and/or a relevant sample of students. Academic staff are encouraged to consult more widely than OUSA. Unless a student is acting in an official role (e.g. OUSA Academic Representative), students' names should be redacted in the consultation table and elsewhere throughout the proposal.)

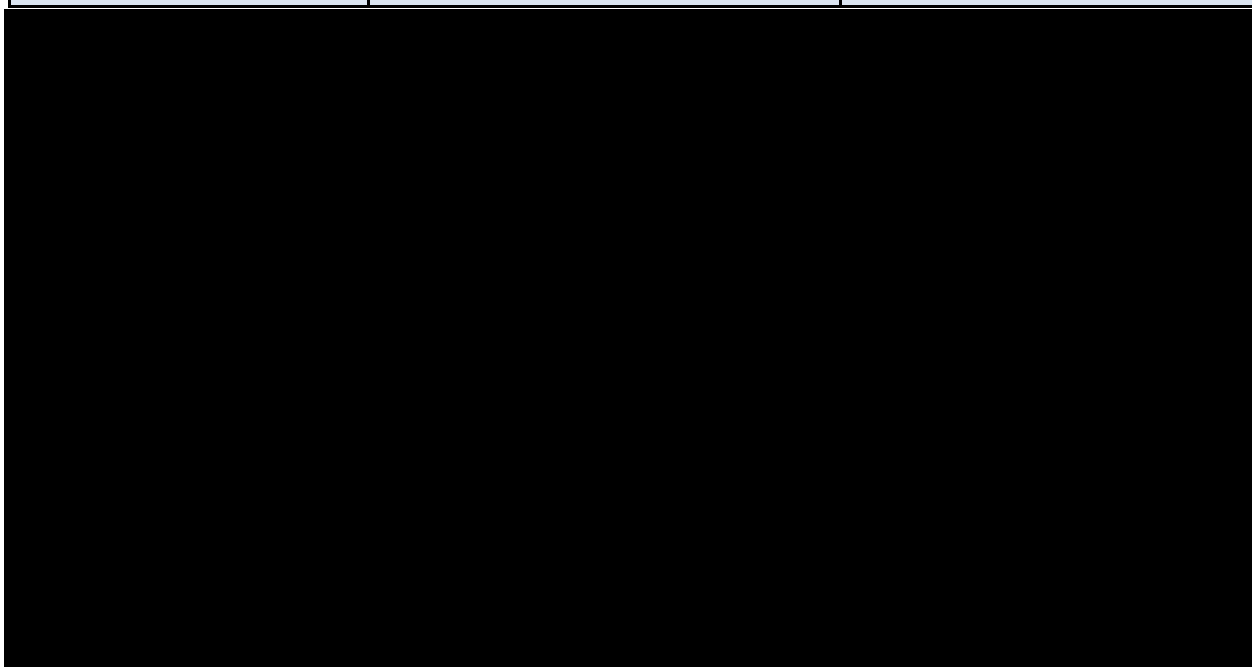
Name or title	Feedback	Response / changes
Request for feedback was sent to OUSA and Te Roopu Maori as well as student representatives.	None received	N/A

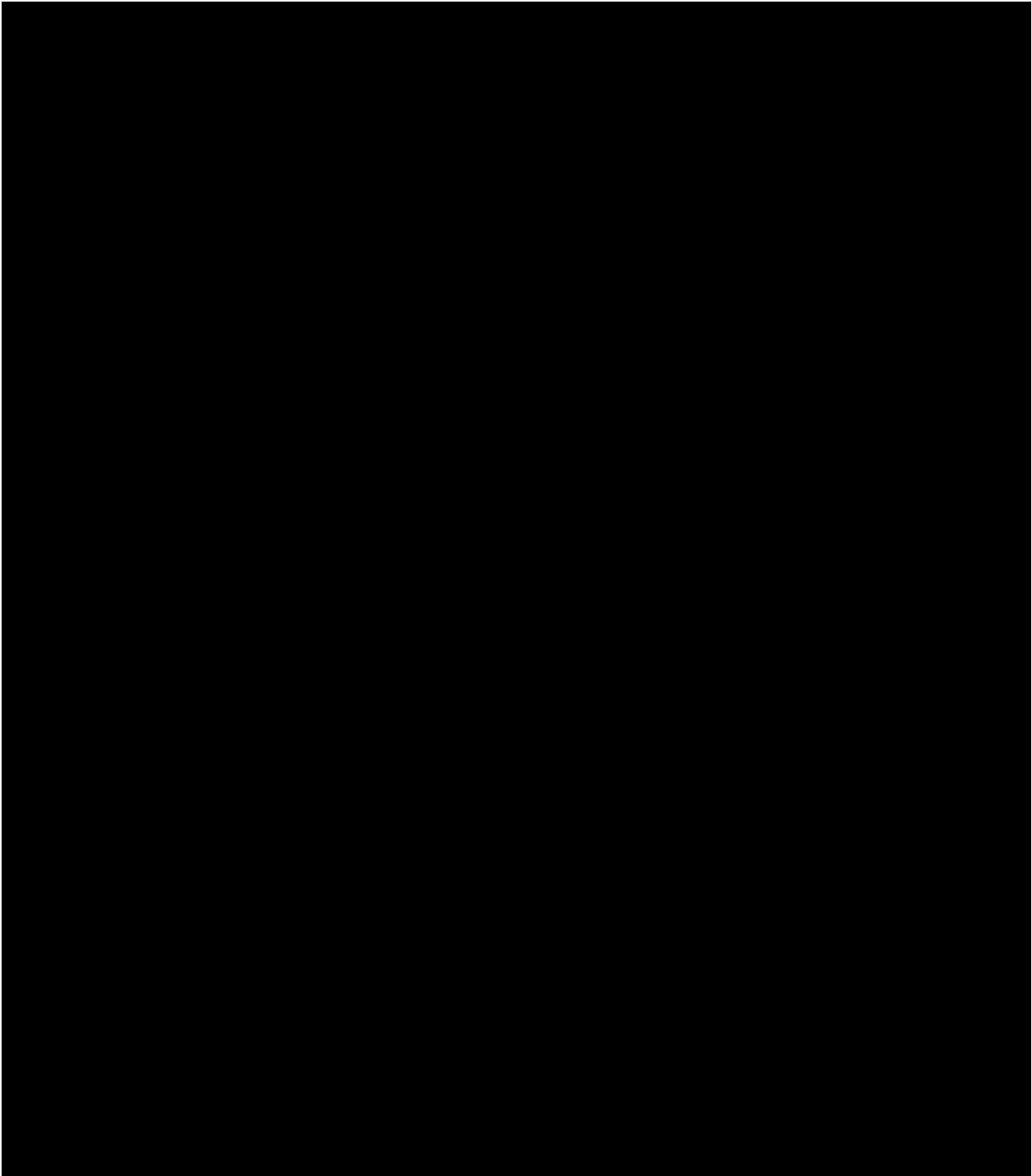
(Add more rows as required. If the feedback is extensive, it may be added as an appendix.)

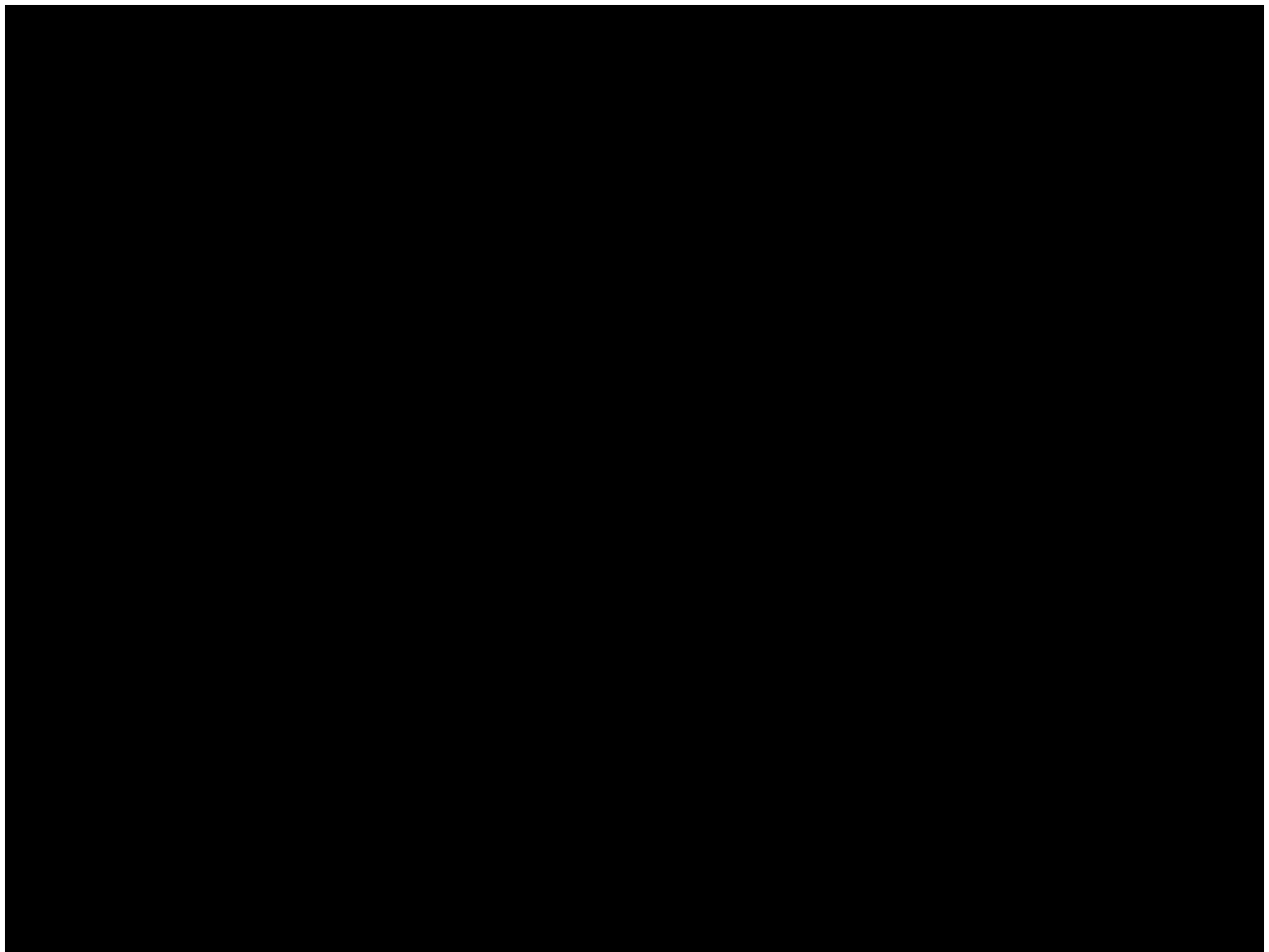
Consultation with Other Academic Units, Other Divisions, and Support Areas

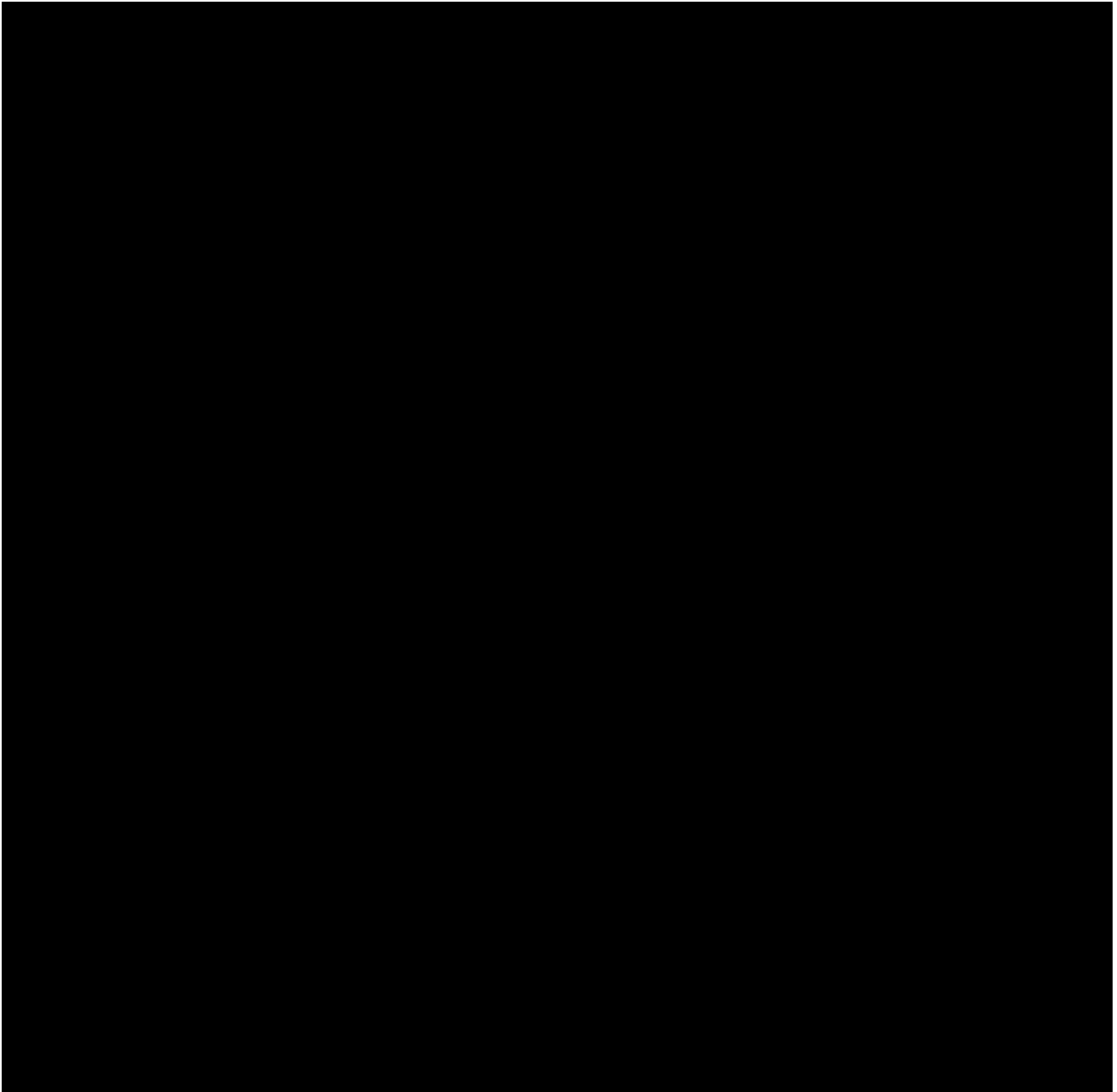
(Outline the consultation that has been undertaken with interested parties, including other academic units, other Divisions, and relevant support areas, such as Student Development (student.development@otago.ac.nz). This consultation may not be necessary for some deletions; for advice, contact the Specialist (Academic Committees and Services) for your Division.)

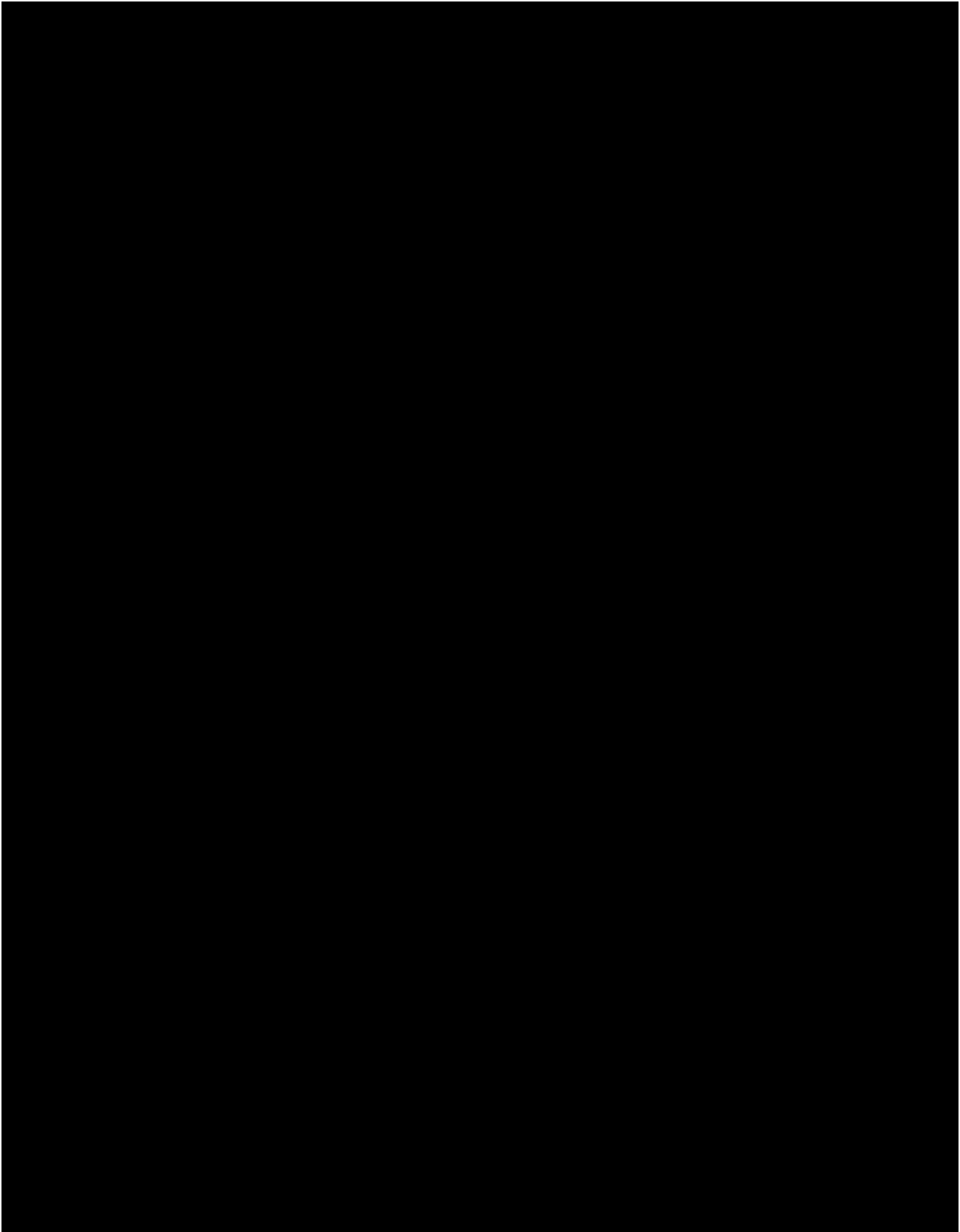
Name and title Academic unit or area	Feedback	Response / changes
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(Add more rows as required. If the feedback is extensive, it may be added as an appendix.)

External Consultation

(For some deletions, it may be appropriate to undertake consultation with external stakeholders. If any external consultation has been undertaken, append any letters or communications from the external stakeholder(s) to this proposal.)

External consultation is appended to this proposal.

SECTION 2 – CONSEQUENTIAL AMENDMENTS

Qualifications Affected

(Please list any qualifications that are affected by the above deletions, but which are being retained.)

BA, BA (Hons), BSc, BSc (Hons), BAsc, BComSc. BACom. PGDipArts

It is proposed that the existing regulations and requirements for current BAppSc and BAppSc (Hons) majors and minors remain as currently stated.

To transfer the following majors to the BSc, BSc (Hons), BAsc and BComSc

Agricultural Innovation

Aquaculture and Fisheries

Data Science

Energy Management

Environmental Management

Forensic Analytical Science

Geographic Information Systems

Physical Education, Activity and Health.

Software Engineering

Sport and Exercise Nutrition

To add Environmental Management to the BA, BA (Hons) and BACom

To delete Applied Geology as a major

To delete Computational Modelling as a major but retain the existing minor

To delete Consumer Food Science as a major and minor

To delete Molecular Biotechnology

To formally delete the Telecommunications minor.

To transfer Telecommunications from the BAppSc (Hons) and to retain the MAppSc and PGDipSci qualifications as currently specified.

Consequential Amendments to Regulations and/or Schedules and/or Other Papers

(All changes to regulations, schedules (e.g. major subject requirements, etc.), and the paper rules of related papers (e.g. prerequisites, corequisites, and restrictions) as a result of this deletion must be detailed below. Please provide both the current and proposed information for publication, with changes or additions in bold or italic type. This includes changes that will need to be made to schedules, including Schedules A, B, and C. Include [Calendar](#) page numbers. Changes to the programme information in the [Guide to Enrolment](#) are not required.)

DELETE the following Majors.

- Applied Geology
- Computational Modelling (but retain the existing minor)
- Consumer Food Science
- Molecular Biotechnology
- Formally delete Sports Technology (has been closed to new enrolments), retain the existing minor.
- Formally delete Telecommunications (has been closed to new enrolments)

DELETE the following Minor.

- Consumer Food Science
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Sciences Schedule A
Major and Minor Subject Requirements
Part 1: Major Subject Requirements

ADD the following Majors to BSc Schedule

- Agricultural Innovation
 - Aquaculture and Fisheries
 - Data Science
 - Energy Management
 - Environmental Management
 - Forensic Analytical Science
 - Geographic Information Systems
 - Physical Education, Activity and Health
 - Software Engineering
 - Sport and Exercise Nutrition
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Sciences Schedule A
Major and Minor Subject Requirements
Part 2: Minor Subject Requirements

ADD the following Minors to the BSc Schedule

- Agricultural Innovation
 - Aquaculture and Fisheries
 - Computational Modelling
 - Energy Management
 - Environmental Management
 - Geographic Information Systems
 - Physical Education, Activity and Health
 - Software Engineering
 - Sport and Exercise Nutrition
 - Supplementary Nutritional Science (for students majoring in Sport and Exercise Nutrition only)
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Sciences Schedule B
BSc(Hons) and PGDipSci Subject Requirements
Part 1: BSc(Hons) Subject Requirements

ADD the following Subjects to the BSc(Hons) Schedule

- Aquaculture and Fisheries
- Energy Management
- Environmental Management
- Forensic Analytical Science

- Geographic Information Systems
 - Software Engineering
 - Sport and Exercise Nutrition
-
- Telecommunications

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Regulations for the Degree of Bachelor of Arts and Science BASc

Clauses 1(d) and 1(f) – remove reference to Applied Science Schedule A

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Regulations for the Degree of Bachelor of Arts and Commerce BACom

Clause 1(e) – remove reference to Applied Science Schedule A

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Regulations for the Degree of Bachelor of Commerce and Science BComSc

Clauses 1(e) and 1(g) – remove reference to Applied Science Schedule A

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Regulations for the Diploma for Graduates DipGrad

Schedule

Endorsement Option – remove reference to BAppSc

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Arts and Music Schedule A

Major and Minor Subject Requirements

Part 1: Major Subject Requirements

ADD the following Major to the BA

Environmental Management	See Science Schedule A
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Arts and Music Schedule A

Major and Minor Subject Requirements

Part 2: Minor Subject Requirements

ADD the following Minor to the BA

Environmental Management	See Science Schedule A
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Arts and Music Schedule B
BA(Hons) Subject Requirements

ADD the following:

Environmental Management	As for the BSc(Hons) and PGDipSci; See Science Schedule B
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PGDipArts Schedule
Subjects for the Diploma

ADD the following:

Environmental Management	Programme of study: As for BSc(Hons) see Science Schedule B Part 1
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NB All other postgraduate Applied Science qualifications are unaffected by these proposed changes.

Transitional Arrangements

(Are there any transitional arrangements necessary as a result of this deletion? If necessary, special arrangements must be specified for students who are part-way through programmes who would otherwise be disadvantaged. Information in this section may be used by Student Experience staff to advise students, but this does not exempt your academic unit from responsibility for ensuring that affected students are informed about changes and transitional arrangements.)

All existing students are permitted to complete their chosen degree.

Students, subject to meeting the regulations can opt to transfer to one of the other qualifications if their major is continuing.

Course advice and support will be important to ensure students are making an informed decision.

If this proposal is approved a communication will be sent from the PVC Sciences to all existing BAppSc students. This will include information regarding the transitional arrangements, options available, contact details for students seeking advice and other support that might be required.

Consent to Use this Proposal as an Example

Please place a mark in this box if you do **not** consent to this proposal – if approved – being posted on the University website as an [example of a recently approved academic proposal](#).



SCI-8
For consideration
CUAP notification required

Memorandum | Manatu

To | Ki a: Stakeholders of the BAppSc
From | Nā: Professor Richard Barker, Pro-Vice-Chancellor (Sciences)
Date | Te rā: 4 November 2022
Re | Te kaupapa: **BAppSc and BAppSc (Hons) into the BSc**

The Applied Sciences Academic Advisory Group and Division of Sciences Academic Board have endorsed a proposal to investigate the potential discontinuation of both the BAppSc and BAppSc (Hons) and fold these into the BSc. Guiding my thinking is:

1. Originally launched as a four-year interdisciplinary degree in 2001 it changed to a three-year degree in 2011 with the addition of a compulsory minor. Some of the underlying motivation has been taken up by the conjoint BAsc and BComSc
2. It is not well understood by potential students as highlighted in recent Sciences market research
3. It creates complexity of offering and pathway, and I believe we underestimate the cost of this complexity
4. It creates confusion when we have majors that are not well-differentiated from majors in the BSc

As a counterpoint, a number of people have spoken about the benefits associated with minors from Commerce that the BAppSc brings in regard to the common core.

A fact (neither for or against) is that many of the majors have small numbers of enrolments (see attached Completion headcounts for selected BAppSC Majors 2017-2022 document) although there are several that have a relatively healthy number who have graduated with a BAppSc.

I see the value in potentially retaining Software Engineering but rebranding as part of a Bachelor of Engineering which we are investigating at the moment.

If following consultation, the decision is made to proceed with the discontinuation of the BAppSc and BAppSc (Hons), the Specialist, Academic Committees & Services (Mark Wilesmith) will provide an outline of steps and timing which would include the CUAP process and identifying any support required.

SCI-8

For consideration

****CUAP notification required****

Completion headcounts for selected BAppSc Majors 2017-2022

prepared by Strategy, Analytics and Reporting 23 June 2022

Email: SARO@otago.ac.nz

Specialisation	2017	2018	2019	2020	2021	2022	Total
Environmental Management	15	16	23	33	31	2	120
Consumer Food Science	22	22	16	12	27	1	100
Physical Education, Activity and Health	-	1	14	24	27	-	66
Forensic Analytical Science	13	13	9	6	21	-	62
Sport and Exercise Nutrition	5	4	20	16	7	-	52
Aquaculture and Fisheries	8	11	8	6	7	-	40
Software Engineering	3	5	8	12	6	1	35
Molecular Biotechnology	8	4	3	1	12	-	28
Geographic Information Systems	5	3	8	2	2	1	21
Sports Technology	1	8	5	3	2	-	19
Data Science	-	-	-	1	7	-	8
Energy Management	1	1	1	2	2	-	7
Applied Geology	1	-	3	2	-	-	6
Computational Modelling	-	-	-	1	1	-	2
Total	82	87	117	120	152	5	563

SCI-8
For consideration
****CUAP notification required****

Qualification Specialisation	2017	2018	2019	2020	2021	2022	Total
Bachelor of Applied Science	82	86	116	117	143	5	549
Environmental Management	15	16	22	30	30	2	115
Consumer Food Science	22	22	16	12	21	1	94
Physical Education, Activity and Health	-	-	14	24	26	-	64
Forensic Analytical Science	13	13	9	6	20	-	61
Sport and Exercise Nutrition	5	4	20	16	7	-	52
Aquaculture and Fisheries	8	11	8	6	7	-	40
Software Engineering	3	5	8	12	6	1	35
Molecular Biotechnology	8	4	3	1	12	-	28
Geographic Information Systems	5	3	8	2	2	1	21
Sports Technology	1	8	5	3	2	-	19
Data Science	-	-	-	1	7	-	8
Energy Management	1	1	1	2	2	-	7
Applied Geology	1	-	3	2	-	-	6
Computational Modelling	-	-	-	1	1	-	2
Bachelor of Arts and Science	-	-	1	3	3	-	7
Environmental Management	-	-	1	3	1	-	5
Forensic Analytical Science	-	-	-	-	1	-	1
Consumer Food Science	-	-	-	-	1	-	1
Bachelor of Commerce and Science	-	-	-	-	5	-	5
Consumer Food Science	-	-	-	-	5	-	5
Bachelor of Physical Education	-	1	-	-	1	-	2
Physical Education, Activity and Health	-	1	-	-	1	-	2
Total	82	87	117	120	152	5	563