



Memorandum | Manatu

To | Ki a: Stakeholders of the BAppSc
From | Nā: Professor Richard Barker, Pro-Vice-Chancellor (Sciences)
Date | Te rā: 7 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). These would fold into the BSc instead. 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.

Completion headcounts for selected BAppSc Majors 2017-2022

prepared by Strategy, Analytics and Reporting 23 June 2022

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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

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