

PROPOSAL TO INTRODUCE A NEW PROGRAM

(formerly known as course)

1. MAIN FEATURES OF PROPOSAL

1.1 Proposed name of the program

Bachelor of Science (Computer Science) Bachelor of Arts

1.2 Proposed abbreviation of the program

BSc (Computer Science) BA

1.3 Program code

3968

1.4 Staff Contact

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ext/email

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1.5 Program Authority

School: School of Computer Science and Engineering

Faculty: Engineering

AOU code: E250

1.6 Reason for the proposal

The need for the program

A combined BSc BA program (program code 3930) has existed for a number of years, and covers all BSc programs that are administered by the Faculty of Science. Recently, the administration of the BSc (Computer Science) was transferred to the Faculty of Engineering. Subsequently, students wishing to enrol in BSc Computer Science BA have been unable to do so. The objective of this proposal is to re-instate the possibility of a combined BSc BA for BSc Computer Science students. The new program is broadly the same as those of program 3930, except that

- the proposed program is specific to BSc Computer Science, and
- the program is to be administered by the School of Computer Science and Engineering

Tick relevant box:

YES NO

1.7 Authorisation

University Librarian

Registrar's Nominee

Dean

1.8 Consultation Process

1.9 Planning Office

1.10 Units of Credit

This proposal conforms to the University's policy on units of credit, as it instantiates an already-approved and conformant combined program.

1.11 General Education Program (for undergraduate programs only)

This proposal conforms to the University's policy on General Education, as it instantiates an already-approved and conformant combined program.

2. PROGRAM DETAILS

2.1 Conditions governing the award

Students in this program must complete 192 units of credit of study.

They must fulfil the requirements for the BSc Computer Science and the requirements for the BA.

Students are required to undertake courses totalling 84 units of credit from both the Science and the Arts components of this combined degree. The remaining 24 units of credit may be from either area.

2.2 Is it proposed that this program will replace an existing program?

NO

2.3 CURRENT ENTRY IN THE FACULTY HANDBOOK

As this is a new program, there is no current entry in the Faculty Handbook.

2.4 PROPOSED ENTRY IN THE FACULTY HANDBOOK

The double degree of BSc Computer Science BA normally requires an additional Stage of study, and enables students to complete the requirements of BSc Computer Science and in a School, Department, or Program of the Faculty of Arts and Social Sciences. Students are required to undertake courses totalling 84 units of credit from both the Science and the Arts components of this combined degree. The remaining 24 units of credit may be from either area.

For admission to the program, students must satisfy the entry requirements for both the BSc Computer Science and the Faculty of Arts and Social Sciences. In addition to the requirements of the BSc Computer Science, students must complete a minimum of 84 units of credit in courses offered by Schools, Departments or Programs within the Faculty of Arts and Social Sciences, including an approved major sequence of 42 units of credit (refer to lists A and B in the rules for program 3400 Bachelor of Arts, in the Faculty of Arts and Social Science section of the Handbook).

Students should enrol in at least 24 Level 1 units of credit and no more than 36 Level 1 within the Arts component of the program. Of these, no more than 12 units of credit can be taken in any one school or department.

The award of honours in either the Arts and Social Sciences or the Computer Science component requires at least a further year of study, and the honours year is subject to the admission requirements of the corresponding Arts and Social Sciences program or the honours program in Computer Science.

This degree is administered by the School of Computer Science and Engineering.

Specific requirements for the BA, including requirements for an approved major sequence, are described in the Arts section of the Handbook

The specific requirements for the BSc Computer Science are described in the Engineering section of the Handbook, under program code 3978 BSc Computer Science.

The Computer Science requirements are:

		UoC
Level 1	COMP1011 Computing 1A or COMP1711 Higher Computing 1A	6
	COMP1021 Computing 1B or COMP1721 Higher Computing 1B	6
	MATH1131 Mathematics 1A or MATH1141 Higher Mathematics 1A	6
	MATH1231 Mathematics 1B or MATH1241 Higher Mathematics 1B	6
	MATH1081 Discrete Mathematics	6
Level 2	COMP2011 Data Organisation or COMP2711 Higher Data Org	6
	COMP2021 Digital Systems Structures	
	COMP2041 Software Construction	6
	COMP2920 Professional Issues and Ethics	3
Level 3	COMP3111 Software Engineering	6
	Level 3/4 Computer Science Electives	24

2.5 Units of credit

Stage 1 48

Stage 2 48

Stage 3 48

Stage 4 48

Total units of credit for the program 192
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Full-time program load equivalence (EFTSU) 4.0

2.6 Admission Requirements

For admission to the program, students must satisfy the entry requirements for both the BSc Computer Science and the Faculty of Arts and Social Sciences.

2.6.1 Articulation Rules

Is this program to be used as part of an articulated suite of programs? **No**

2.7 Program attendance mode

This program will be available on an Internal basis.

2.7.1 Multi-mode Delivery

Not applicable

2.8 Program attendance type

This program will be available both full-time and part-time modes.

2.9 Program of study (stream) (POS) available in this program

Available majors are those listed in Lists A and B of the rules for 3400 BA in the Undergraduate Handbook, detailing available majors in the BA program.

2.10 Next Program Review Date

Reviews as for the component degrees: BSc Computer Science and BA.

2.11 For Undergraduate Programs only

2.11.1 Program Prerequisites

YES

NO

Same prerequisites as for the component programs BSc Computer Science and BA.

2.11.2 UAC Code

Entry to this program will be via UAC code 425019 (BSc Computer Science). Students would be required to meet the UAI cutoff for both 3978 BSc Computer Science and 3400 BA. Students accepting an offer for 422000 (Arts) or 429001 (Science / Arts) would be eligible to transfer under the same conditions.

2.11.3 General Education program

(i) 12 units of credit in General Education courses

Exempt from this General Education requirement on the same basis as 3930 BSc BA

(ii) 56 hours of instruction in professional ethics and social responsibility of graduates

Covered in passing in many components of the BSc Computer Science, in details in COMP2920 Professional Issues and Ethics, as well as in the BA component.

2.11.4 Honours

YES

Honours will be determined by a further year of full-time study (or its part-time equivalent) in accordance with the requirements of the BA (for honours in an Arts discipline) or of the BSc Computer Science (for honours in Computer Science).

2.11.5 University Medal

YES

2.12 For Postgraduate Programs only

2.13 For Double, Combined or “Fast Track” Programs only

2.13.1 Completion requirements for the degree/degrees

2.13.2 Transfer arrangements to either of the single degrees

Students who transfer from the combined program to the BSc Computer Science will need to complete the normal requirements of the BSc Computer Science program including General Education courses.

Students who transfer from the combined program to the BA program (program 3400) will receive advanced standing for BA courses in accordance with normal Arts policy and must satisfy the BA (3400) rules including General Education requirements.

2.13.3 Award of Honours in the degree/degrees

See section 2.11.4.

2.13.4 General Education program

Yes. Already approved for program 3930 BSc BA.

2.13.5 Program Authority

See section 1.5.

2.14 For Alternative Delivery Programs only. Not applicable.

2.15 Information Technology Requirements for students (for all proposed programs)

Students are not expected to have their own computing platform for the BSc Computer Science, as they will have access to School of Computer and Engineering laboratories. It is anticipated that many students will nevertheless have their own personal computer, and dial-in access to the CSE computing facilities will be supported.

IT Requirements for the BA are as for program 3400 BA

3. CROSS REFERRAL

3.1 Academic Units with Potential Interest

The relevant units are the Faculty of Arts and Social Sciences, and the School of Computer Science and Engineering. Sign-offs from both are attached.

3.2 Material Overlap and Service Teaching

- (i) Does the proposal overlap with material already being taught by other academic units?
No
- (ii) Will students in other programs take courses in this program?
Yes. Courses in this combined program are shared with the component programs. Also (1) Many BA courses are available as electives in other programs; (2) The MATH courses in the BSc Computer Science component are taken by a large range of programs in several Faculties; (3) Many of the COMP courses are also taken by School of CSE BE program students, students in other Faculty of Engineering programs, and students in other Faculties.
- (iii) Will service teaching be provided or has it been in the past and will it no longer be provided, by other departments/schools?
Service teaching for BSc Computer Science has been provided in the past by the School of Mathematics, and this will continue to be the case. Service teaching for the BA component will be as for 3400 BA.

3.3 Academic Cross-referral

I have examined the Program Proposal and have no concerns with the matter proceeding.

Faculty of Engineering:

Further Comments:

Faculty of Arts and Social Sciences

Further Comments:

Deans or Presiding Members of consulted Faculty/Faculties
/ /2004

3.4 Administrative Units or External Organisations with Interest. Not applicable.

3.5 Administrative Cross-referral

I have examined the Program Proposal and have no administrative concerns with the matter proceeding.

Further Comments:

Registrar's Nominee

/ /2004

4. COURSE DETAILS

No new or revised courses are included in this program proposal. For details of existing courses, refer to the University Undergraduate Handbook