PROPOSAL TO INTRODUCE A NEW PROGRAM

1. MAIN FEATURES OF PROPOSAL

1.1 Proposed name of the program
Bachelor of Science (Computer Science) Bachelor of Laws

1.2 Proposed abbreviation of the program   **1.3 Program code**
BSc (Computer Science) LLB   3984

1.4 Staff Contact   **ext/email**
Tim Lambert   x56496/lambert.tim@cse.unsw.edu.au

1.5 Program Authority
School: Computer Science and Engineering   **Faculty:** Engineering
AOU code: E250

1.6 Reason for the proposal

The combined BSc LLB program (4770) has existed for a number of years, and covers all BSc LLB programs administered by the Faculty of Science, in addition to the BSc Computer Science which is administered by the Faculty of Engineering.

A recent 4770 program revision went through without consultation with the Faculty of Engineering presumably due to the assumption that the Faculty of Science was the program authority for all BSc LLB programs.

We therefore propose that the BSc Computer Science LLB program be moved its own Engineering program code to avoid confusion with program revisions in future.

The proposed 3984 program is broadly the same as program 4770 with a few minor revisions to the BSc which are being proposed simultaneously for all BSc Computer Science programs.

Tick relevant box:

	YES	NO
1.7 Authorisation		
Has this proposal received endorsement from the: **University Librarian**		
Has this proposal received endorsement from: **Academic Administration**		
Has this proposal received approval from the: **Dean**		
1.8 Consultation Process Have other interested parties, including other academic units, students and visiting committees, been consulted on this proposal? Provide details under section 3.		
1.9 Planning Office Does this proposal fit in with your Faculty's enrolment profile? Has the Planning Office been informed of your proposal?		

1.10 Units of Credit Does this proposal conform to the University's policy on units of credit? Provide details, particularly where there is a divergence from this policy, under section 2.5.	✓	
1.11 General Education Program (<u>for undergraduate programs only</u>) Does this proposal conform to the University's policy on General Education? Provide details, particularly where there is a divergence from this policy, under section 2.11.3.	✓	

2.   PROGRAM DETAILS

2.1   Conditions governing the award

Conditions governing the award of program 3984 are the same as the existing conditions for program 4770.

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

YES		Replacing plan COMPA14770 as part of the overall BSc LLB 4770 program with a new program code.
NO		

2.3   CURRENT ENTRY IN THE FACULTY HANDBOOK

Attached:
    1. UNSW Handbook Program - Science _ Law – 4770
    2. UNSW Handbook Plan – Law – LAWSA14770
    3. UNSW Handbook Plan – Computer Science – COMPA14770

2.4   PROPOSED ENTRY IN THE FACULTY HANDBOOK

Program Description
This program combines the professional LLB program with a major in Computer Science offered within the School of Computer Science, Faculty of Engineering.

Duration/Award
The program is a five year full-time combined program leading to the award of the two degrees of Bachelor of Science (Computer Science) and Bachelor of Laws (BSc LLB).

BSc
The degree of Bachelor of Science (Computer Science) is not awarded until the completion of the full five year program, but students unable to complete the full program may apply for advanced standing in the Bachelor of Science degree 3978.

Science Courses
Students must complete a minimum of 84 units of credit, including the requirements of the Computer Science major and the optional double major in computing.

Law or Science Elective
In addition to the prescribed units of credit of law courses and science courses there is the option to complete 6 units of credit of either law or science electives. Students can satisfy this requirement by completing either a law elective (6UOC) or an elective approved by the School of Computer Science and Engineering (6UOC).

Program Objectives and Learning Outcomes
At the completion of this program, students will have obtained a sound knowledge base in the disciplines of both Computer Science and Law.

Program Structure
Total Unit Requirements 240 UOC:
*   Law compulsory courses - 92 UOC
*   Law elective courses - 58 UOC
*   Law elective or Computer Science elective - 6 UOC
*   Computer Science courses - 84 UOC

Approved Sequence of Study
Students must study Law courses in a sequence approved by the Faculty of Law. All Science courses may be taken in a sequence determined by pre-requisite and timetable constraints. Please consult the School of Computer Science and Engineering if assistance on course selection is required.

General Education Requirements
Students enrolled in the combined Computer Science/Law degree are not required to complete general education courses.

Honours
Honours in Science
Students wishing to complete the BSc (Computer Science) degree program at Honours level must obtain prior approval from the School of Computer Science and Engineering. A standard Honours program in Computer Science requires an additional year of study.   Further information regarding honours can be found on the plan page for this program.

Rules for the award of Honours in the Bachelor of Laws
The Bachelor of Laws (LLB) will be awarded with the following levels of Honours:

Honours Class 1
Honours Class 2, Division 1
Honours Class 2, Division 2

The award of Honours in the LLB program is based on two requirements:

1) the Weighted Average Mark (WAM); and
2) satisfactory performance in written research.

1) Weighted average mark
In general terms, students who score a Law WAM in the top 10% of the graduating cohort in each semester will be eligible for the award of Honours Class 1; students with a WAM in the next 10% will be eligible for the award of Honours Class 2, Division 1; and students with a WAM in the next 10% will be eligible for the award of Honours Class 2, Division 2.
All courses taken towards the Law degree will be taken into account for written research requirements, but only those taken at UNSW Law School will count towards the WAM.

2) Satisfactory performance in written research
To demonstrate "satisfactory performance in written research" a student must complete one long substantial piece or three shorter substantial pieces of research writing in their program. In particular, a student must attain at least a credit grade either in LAWS2423 Research Thesis (8 uoc) or (16 uoc); or LAWS3423 Research Thesis (6 uoc) or (12 uoc); or in each of three (3) research papers of at least 3000 words each, taken in any three (3) courses in the LLB program.
At the time of enrolment in courses in their final semester, students who have demonstrated satisfactory performance in written research must submit an approved Honours Nomination Form to the Honours Committee detailing the basis upon which the research requirement has been met, and the course or courses in which the requisite grades were attained. If a student has not met the Honours research requirement before the end of their penultimate semester, he or she must notify the Honours committee of the LLB courses in which they propose to meet the requirement before the census date in their last semester.

Failures and Academic Misconduct
In no circumstances will a student be eligible for the award of Honours if he or she has

(a) failed more than one course in the LLB program;
(b) been found guilty of plagiarism or serious misconduct on more than one occasion.

Academic Rules
For Academic Rules relating to the Bachelor of Laws component of this combined degree program, please refer to program 4790. Academic Rules relating to the Bachelor of Science (Computer Science) componed of this combined degree program are outlined in the COMPA13984 plan page of this handbook.

Fees
For information regarding fees for UNSW programs, please refer to the following website: https://my.unsw.edu.au/student/fees/FeesMainPage.html

Area(s) of Specialisation

- Computer Science
- Law

Plan Summary COMPA13984

Plan Structure
As part of the overall UoC required for the BSc, the following courses are required for a major in Computer Science.

Core Courses:
Students complete 42 units of credit (7 courses) of core computing courses:
- COMP1917 Higher Computing 1 (6 UOC)
- COMP1927 Higher Data Str. & Algos (6 UOC)
- COMP2041 Software Construction (6 UOC)
- COMP2121 Microprocessors & Interfacing (6 UOC)
- COMP2911 Engineering Design 2 (6 UOC)
- COMP3711 Software Project Management (6 UOC)
- SENG4921 Professional Issues and Ethics (6UOC)

Where professional issues and ethics is completed elsewhere as part of this combined program, students may replace SENG4921 with an additional 6uc computing electives level three or higher.

Elective Courses
Students complete 18 units of credit (3 courses) of computing electives level three or higher.

MAJORS
The flexibility of the Computer Science program electives allows double majors within the program. Some additional electives may need to be used in programs that require more than three courses for the second major.

In addition to the standard Computer Science major, you can choose to specialise in one additional major:

COMPG1 Computer Game Design & Construction
COMPI1 Artificial Intelligence
COMPH1 Human Computer Interaction
COMPR1 Robotics
COMPE1 Electronic Commerce
COMPN1 Computer Networks
COMPD1 Database Systems

Plan Summary LAWSA13984
As for LAWSA14770

2.5   Units of credit

Stage 1: 48
Stage 2: 48
Stage 3: 48
Stage 4: 48
Stage 5: 48
Total units of credit for the program: 240
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 Law.

2.6.1 Articulation Rules

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

2.7 Program attendance made

Will this program be available on an

Internal	✓
External	
Combination	

basis?

2.7.1 Multi-mode Delivery

Not Applicable.

2.8   Program attendance type

Will this program be available in:

Full-time	
Part-time	
Both	✓

(Refer also to Section 2.14)

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

Majors available in all Computer Science programs apply:

COMPG13984 Computer Game Design & Construction
COMPI13984 Artificial Intelligence
COMPH13984 Human Computer Interaction
COMPR13984 Robotics
COMPE13984 Electronic Commerce
COMPN13984 Computer Networks
COMPD13984 Database Systems

2.10   Next Program Review Date

Review as for primary BSc Computer Science and LLB.

2.11   For Undergraduate Programs only

2.11.1   Program Prerequisites

Are there any program pre-requisites for admission eg. HSC 2 Unit English?

YES	✓
NO	

Details: As for BSc Computer Science and LLB

2.11.2   UAC Code

Will the new program require a separate UAC code? Provide justification. If not, of which existing UAC code will it be a part?

UAC code will be 426000, as for 4770.

2.11.3   General Education program

(i)   12 units of credit in General Education courses

Exempt from General Education on the same basis as program 4770.

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

Covered in passing in many components of the BSc, and in detail in the core course SENG4921 Professional Issues and Ethics..

2.11.4   Honours

(i)   Will Honours be awarded in this program?

YES	✓
NO	

(ii)   How will Honours be determined?

By a further year of full-time study (or its part-time equivalent) consistent with the original program 4770.

By meritorious performance during the program determined by the rule laid out

by the Faculty of Law, consistent with the original program 4770.

2.11.5 Pass With Distinction
(i)   Will Pass With Distinction be awarded in this program?

YES	
NO	

As per program 4770

2.11.6 University Medal
Can the program lead to the award of the University Medal?

YES	✓
NO	

As per program 4770.

2.12 For Postgraduate Programs only

2.12.1 Research Degree
Provide details of any coursework requirements where the program is defined as a RESEARCH degree.

2.12.2 Inclusion of Undergraduate Courses
The Academic Board has determined that undergraduate courses may be included in postgraduate programs but do not count towards the minimum units of credit requirement.

Provide details of any undergraduate courses included in the program indicating:
(i)   the extent of the undergraduate material, its relationship to the remainder of the program, and the reason(s) for its inclusion, and
(ii)   the manner in which it will be taught and assessed, and how this will differ from the delivery and assessment of the corresponding undergraduate course(s).

If the proposal is for a double, combined or "fast track" (concurrent) program complete section 2.13, otherwise proceed to section 2.14.

Definition: *A **double degree program** is an integrated program which leads to the award of a single qualification with one testamur (eg MB BS, BABEd).*

*A **combined program** leads to the award of two degrees with two testamurs (eg. BCom LLB, BA BE).*

*A **fast track (or concurrent) program** gives students the opportunity, if they meet the minimum progression requirements, to progress directly from a bachelors program to a nominated masters program with some courses in the final year counting towards both qualifications.*

2.13.1 Completion requirements for the degree/degrees

As for 4770

2.13.2 Transfer arrangements to either of the single degrees

As for 4770

2.13.3 Award of Honours in the degree/degrees
If this has not already been specified under section 2.11.4.

As for 4770

2.13.4 General Education program
Will exemption/relief be sought from the 12 units of credit of General Education courses requirement? Provide justification.

Exempt on the same basis as 4770.

2.13.5 Program Authority
The Academic Unit responsible for administration of the program, including results of assessment and certifying of award, confirming major plans, level of honours etc. (If this differs from that specified under section 1.5).

Program Authority: COMPSC
Plan Authority: COMPA13984 (COMPSC)
                    LAWSA13984 (LAWS)

If the program is to be offered by means of alternative delivery complete section 2.14.

2.14 For Alternative Delivery Programs only

2.14.1 Alternative Delivery Arrangements
Provide details of the alternative delivery arrangements eg. distance delivery modules, short-term residential school, offshore delivery, twinning arrangement etc. Where it is proposed to deliver the program through a distance education provider, a copy of any contractual arrangements must be attached.

N/A.

2.14.2 University resources required by students
Provide details of University resources required by students and how access to them will be provided for students studying off campus.

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

In accordance with Academic Board resolution AB08/112 *Minimum Recommended IT Specifications for UNSW Students,* please indicate the IT requirements for the program.

3. CROSS REFERRAL

As the introduction of a new program can have a significant impact on other units within the University, it is the responsibility of the Academic Unit initiating the proposal to identify and consult with all those units (both academic and administrative) that might have an interest. Such consultation should be directed

through the Associate Dean (Education) and/or Presiding Member of the relevant faculty.

3.1   Academic Units with Potential Interest
Which academic units have been identified as having potential interest or would by academic custom or usage, be considered to have an interest in the proposal? Provide details and copies of correspondence of consultation with those units.

3.2   Material Overlap and Service Teaching
Respond to the following questions and provide details where the answer is Yes.

(i)   Does the proposal overlap with material already being taught by other academic units?

(ii)   Will students in other programs take courses in this program?

(iii)   Will service teaching be provided or has it been in the past and will it no longer be provided, by other departments/schools?

3.3   Academic Cross-referral

> ***Note:*** *this section of the Proposal must be signed by any interested parties*
> *(the Dean and/or Presiding Member of the consulted Faculty/Faculties), stating:*
> *OR*
> *alternatively, attach* <u>*copies of correspondence*</u> *of consultation.*

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

Further Comments:

Dean or Presiding Member of consulted Faculty/Faculties
    /   /20XX

3.4   Administrative Units or External Organisations with Interest
Which administrative units eg. IPACE, or external organisations eg. students, visiting committees, professional associations, industry representatives etc. have an interest in this proposal? Provide details and <u>copies of correspondence</u> of consultation with those organisations/individuals.

A copy of the proposal has been forwarded to the Faculty of Science and the Faculty of Law

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
    /   /20XX

4. COURSE DETAILS

Reminder: A course proposal must be completed for each new or revised course in the new program. **The authorisation of the Dean, the Head of School, and the University Librarian is not required on each individual course proposal.** A course proposal is not required if previously approved courses form part of the new program (a copy of the current Faculty Handbook Entry for each course must be provided instead).

4.1 Summary of Handbook Course Descriptions
Provide a summary of the description for each course in the program to appear in the Faculty Handbook detailing:

Course ID
Course name - Long
Staff Contact:
Units of credit: Semester/s offered: Hours Per Week:
Pre-requisites:
Exclusions:
Course Description (handbook)

5. RESOURCE ISSUES
5.1 Enrolment Planning
Estimated or proposed enrolments for the next three years.

2010: **5**
2011: **10**
2012: **15**

5.2 Details of Fees
The University charges tuition fees for:
- all postgraduate coursework programs and some undergraduate programs offered to Australian citizens and permanent residents;
- undergraduate and postgraduate programs offered to International Students; and

- enrolment in voluntary non-award courses (ie. courses from an award program which will not be counted towards an award program at UNSW or elsewhere).

The setting of the above fees must accord with:
- University policy and procedures, and
- Commonwealth Government legislation and guidelines.

Tuition fees for award programs are approved annually by the Vice-Chancellor.

In the case of International Students, has UNSW International been consulted?

YES	
NO	

Provide details of actual fees payable by students.

As for 4770.

Proposed fee:

$ for non-award enrolment (local)
$ for non-award enrolment (international)
$ for   full   fee-paying   program   enrolment   (local students)
$ for full fee-paying program enrolment (international students)

5.3   Teaching/Staff Commitments

5.3.1 Teaching Format

Hours per Week per Student:

Semester 1	Semester 2
Lectures	Lectures
Tutorials	Tutorials
Laboratories	Laboratories
Seminars	Seminars
Other	Other
Total hours per week	Total hours per week

(add Summer and/or Winter Semester if relevant)

5.3.2 Staffing Requirements

Hours per week

Full-time Academic Staff	
Part-time Teaching Staff	
General Staff	

5.3.3 Support Requirements

Laboratories
Equipment
Other

5.4   Accommodation
(Tick whichever is applicable)

No additional facilities required

OR

Space/facilities required but can be provided from own resources and/or existing allocation

OR

Space is required amounting to m^2 on:
  (i)   temporary basis for   years
  (ii)   permanent basis

5.5   Materials Requirements

5.6   Equipment Requirements

(i)   Expenditure on new or replacement equipment

(ii)   Annual maintenance on new equipment.

5.7   Computing Requirements

5.8   Library Requirements

6.   AUTHORISATION

6.1   University Librarian's Endorsement

I have examined the Library needs related to the above proposal and certify that existing Library holdings, staffing, services and accommodation are adequate / inadequate (delete one) to cover the demands that are inherent in it.

Appropriate arrangements for the use of digitised material to support this program have been made by the Program Authority with the University Librarian.

Further Comments:

University Librarian
   /   /20XX

6.2   Dean's Approval

I have examined the resource implications of the above proposal in regard to staff, space, materials, equipment, capital funds, and computing, and certify that:

(Tick whichever is applicable)

6.2.1   (i)   the proposal involves no additional resources. (A statement from the Head of School explaining how this can be achieved must be provided below); or

(ii)   the proposal involves additional resources and it is proposed to redeploy existing resources within the faculty. (A statement from the Head of School explaining how this will be achieved must be provided below); or

(iii)   the proposal involves additional resources to be obtained as set out below; or

(iv)   the additional resources essential to bring the proposal into effect cannot be found within resources available to the faculty.

6.2.2   **Fees** (delete if not applicable):

·   a fee will not be charged for this program (other than HECS)

·   a fee will be charged for this program for local fee-paying students

·   a fee will be charged for international students

If a fee is to be charged the Dean certifies as follows:

I have ensured that the Vice-Chancellor has been advised of the proposed fee arrangements, and note that approval of fee arrangements is needed before the new program can be implemented.

6.2.3   the proposal conforms to the University's commitment to Equal Opportunity in Education.

Statement from Head of School on Source of Additional Resources and/or Further Comments:

Dean
   /   /20XX

Science / Law - 4770

Program Summary

Faculty: Faculty of Law

Contact: http://www.law.unsw.edu.au/

Campus: Kensington Campus

Career: Undergraduate

Typical Duration: 5 Years

Typical UOC Per Semester: 24

Min UOC Per Semester: 3

Max UOC Per Semester: 27

Min UOC For Award: 240

Award(s):

Bachelor of Science (Major)

Bachelor of Science (Minor)

Bachelor of Laws (Major)

Bachelor of Science (Honours)

Program Description

This program combines the professional LLB program with the large number of majors offered within the Faculty of Science. The Science programs provide opportunities for students to prepare themselves for careers in research, technology, science, mathematics and education, or areas of management or public policy which involve the use of science or mathematics.

Major Sequence

(i) Students may select any major from those offered by the Faculty of Science, or a major in COMPUTER SCIENCE which is administered by the School of Computer Science and Engineering.

(ii) Students should discuss their choice of major with the Science Student Centre prior to enrolment.

(iii) For the majority of majors students are required to complete only 2 law courses in Year 1. For the PSYCHOLOGY major students are required to complete 5. (See separate entry.)

Duration/Award

The program is a five year full-time combined program leading to the award of the two degrees of Bachelor of Science and Bachelor of Laws (BSc LLB).

Assumed Knowledge

Students must satisfy the normal assumed knowledge requirements for entry to the Faculty of Science and to individual courses in that Faculty.

BSc

The degree of Bachelor of Science is not awarded until the completion of the full five year program, but students unable to complete the full program may apply for advanced standing in the Bachelor of Science degree.

Science Courses

Students must complete a minimum of 84 units of credit, including the requirements of one of the majors outlined in Table A in the Science section of the Handbook or a major in Computer Science. In all cases students must include 24 to 36 units of credit of Level 1 courses.

Law or Science Elective

In addition to the prescribed units of credit of law courses and science courses there is the option to complete 6 units of credit of either law or science electives. Students can satisfy this requirement by completing either a law elective (6 units of credit) or an elective approved by the Faculty of Science (6 units of credit).

Program Objectives and Learning Outcomes

At the completion of this program, students will have obtained a sound knowledge base in the disciplines of both Science and Law.

Program Structure

Total Unit Requirements

- Law compulsory courses - 92 UOC
- Law elective courses - 58 UOC
- Law elective or Science elective - 6 UOC
- Science courses - 84 UOC
- **Total 240 UOC**

Approved Sequence of Study

Students must study Science courses in a sequence approved by the Faculty of Science and Law courses in a sequence approved by the Faculty of Law. A typical structure of a combined Science/Law program is set out below. Subject to timetable restrictions, the full range of Science majors are normally available to Law students.

An approved sequence can be found here:

Plan for Science/Law 4770

Requirements for Science majors can be found here:

Requirements for Science Majors

General Education Requirements

Students enrolled in combined law degrees (with exception to Jurisprudence/Law) are not required to complete general education courses.

Honours

Honours in Science

Students wishing to complete the BSc degree program at Honours level must obtain prior approval from the Faculty of Science and the Faculty of Law. A standard Honours program in Science requires an additional year of study. Alternatively students may consider completing a BSc degree program at Honours level (4 years) and then seek admission to the three year Juris Doctor degree program for graduates.

Rules for the award of Honours in the Bachelor of Laws

Award of Honours

The Bachelor of Laws (LLB) will be awarded with the following levels of Honours:

Honours Class 1
Honours Class 2, Division 1
Honours Class 2, Division 2

The award of Honours in the LLB program is based on two requirements:

1) the Weighted Average Mark (WAM); and
2) satisfactory performance in written research.

1) Weighted average mark

In general terms, students who score a Law WAM in the top 10% of the graduating cohort in each semester will be eligible for the award of Honours Class 1; students with a WAM in the next 10% will be eligible for the award of Honours Class 2, Division 1; and students with a WAM in the next 10% will be eligible for the award of Honours Class 2, Division 2.
All courses taken towards the Law degree will be taken into account for written research requirements, but only those taken at UNSW Law School will count towards the WAM.

2) Satisfactory performance in written research

To demonstrate "satisfactory performance in written research" a student must complete one long substantial piece or three shorter substantial pieces of research writing in their program. In particular, a student must attain at least a credit grade either in LAWS2423 Research Thesis (8 uoc) or (16 uoc); or LAWS3423 Research Thesis (6 uoc) or (12 uoc); or in each of three (3) research papers of at least 3000 words each, taken in any three (3) courses in the LLB program.
At the time of enrolment in courses in their final semester, students who have demonstrated satisfactory performance in written research must submit an approved Honours Nomination Form to the Honours Committee detailing the basis upon which the research requirement has been met, and the course or courses in which the requisite grades were attained. If a student has not met the Honours research requirement before the end of their penultimate semester, he or she must notify the Honours committee of the LLB courses in which they propose to meet the requirement before the census date in their last semester.

Failures and Academic Misconduct

In no circumstances will a student be eligible for the award of Honours if he or she has

(a) failed more than one course in the LLB program;
(b) been found guilty of plagiarism or serious misconduct on more than one occasion.

Academic Rules

For Academic Rules relating to the Bachelor of Laws component of this combined degree program, please refer to progam 4790. A direct link is given below:

Bachelor of Laws 4790

Fees

For information regarding fees for UNSW programs, please refer to the following website: https://my.unsw.edu.au/student/fees/FeesMainPage.html

Area(s) of Specialisation

- Anatomy
- Biochemistry and Molecular Biology
- Biological Science
- Biotechnology
- Chemistry
- Computer Science
- Food Science and Technology
- Geography
- Geology

- Law
- Marine Science
- Materials Science
- Mathematics
- Microbiology and Immunology
- Neuroscience
- Oceanography
- Philosophy
- Physics
- Physiology and Pharmacology
- Psychology
- Safety Science
- Statistics

- Psychology

URL for this page: http://www.handbook.unsw.edu.au/undergraduate/programs/2010/4770.html

Computer Science - COMPA14770

Plan Summary

Faculty: ENG - Faculty of Engineering

School: School of Computer Science and Engineering

Contact: http://www.cse.unsw.edu.au

Program: 4770 - Science / Law

Award(s):

Bachelor of Science (Major)

Plan Outline

The BSc degree requirements are administered by the Faculty of Science, however the Computer Science major is managed by the School of Computer Science and Engineering.

A major sequence in Computer Science consists of 60 units of credit (10 courses).

Plan Structure

Core Courses:
Students complete 30 units of credit (5 courses) of core computing courses:

- COMP1917 Higher Computing 1 (6 UOC)
- COMP1927 Higher Data Str. & Algos (6 UOC)
- COMP2041 Software Construction (6 UOC)
- COMP2121 Microprocessors & Interfacing (6 UOC)
- COMP2911 Engineering Design 2 (6 UOC)

Elective Courses
Students complete 30 units of credit (5 courses) of computing electives. A list of suitable courses includes:

- COMP3111 Software Engineering (6 UOC)
- COMP3121 Algorithms & Programming Tech (6 UOC)
- COMP3131 Programming Languages & Compil (6 UOC)
- COMP3141 Software Sys Des&Implementat'n (6 UOC)
- COMP3151 Foundations of Concurrency (6 UOC)
- COMP3161 Concepts of Programming Lang. (6 UOC)
- COMP3211 Computer Architecture (6 UOC)
- COMP3222 Digital Circuits and Systems (6 UOC)
- COMP3231 Operating Systems (6 UOC)
- COMP3241 Real Time Systems (6 UOC)
- COMP3311 Database Systems (6 UOC)
- COMP3331 Computer Networks&Applications (6 UOC)
- COMP3411 Artificial Intelligence (6 UOC)
- COMP3421 Computer Graphics (6 UOC)
- COMP3431 Robotic Software Architecture (6 UOC)
- COMP3441 Cryptography and Security (6 UOC)
- COMP3511 Human Computer Interaction (6 UOC)

Students may also take COMP4 or COMP9 electives if they have met the prerequisite:

- COMP4001 Object-Oriented Software Dev (6 UOC)
- COMP4002 Logic Synthesis & Verification (UOC)
- COMP4003 Industrial Software Developmen (UOC)
- COMP4111 Distributed Object Sys & Tech (UOC)
- COMP4121 Advanced & Parallel Algorithms (6 UOC)
- COMP4131 Programming Language Semantics (UOC)
- COMP4132 Adv. Functional Programming (UOC)
- COMP4133 Advanced Compiler Construction (UOC)
- COMP4151 Algorithmic Verification (UOC)
- COMP4161 Advanced Verification (6 UOC)
- COMP4211 Adv Architectures & Algorithms (6 UOC)
- COMP4314 Next Generation Database Systs (6 UOC)
- COMP4317 XML and Databases (6 UOC)
- COMP4335 Wireless Mesh&Sensor Networks (6 UOC)
- COMP4336 MobileNet (6 UOC)
- COMP4337 Securing Wireless Networks (UOC)
- COMP4411 Experimental Robotics (6 UOC)

- COMP4412 Introduction to Modal Logic (UOC)
- COMP4415 First-order Logic (6 UOC)
- COMP4416 Intelligent Agents (6 UOC)
- COMP4418 Knowledge Representation (6 UOC)
- COMP4431 Computer Game Workshop (6 UOC)
- COMP4511 User Interface Design & Constr (6 UOC)
- COMP9116 S'ware Dev: B-Meth & B-Toolkit (6 UOC)
- COMP9117 Software Architecture (6 UOC)
- COMP9242 Advanced Operating Systems (6 UOC)
- COMP9243 Distributed Systems (6 UOC)
- COMP9315 Database Systems Implementat'n (6 UOC)
- COMP9316 eCommerce Implementation (6 UOC)
- COMP9318 Data Warehousing & Data Mining (6 UOC)
- COMP9321 e-Commerce Impl. Infrastruct. (6 UOC)
- COMP9322 e-Commerce Systems Engineering (6 UOC)
- COMP9332 Network Routing and Switching (6 UOC)
- COMP9333 Advanced Computer Networks (6 UOC)
- COMP9334 Systems Capacity Planning (6 UOC)
- COMP9416 Knowledge Based Systems (6 UOC)
- COMP9417 Machine Learning & Data Mining (6 UOC)
- COMP9444 Neural Networks (6 UOC)
- COMP9515 Pattern Classification (UOC)
- COMP9517 Computer Vision (6 UOC)
- COMP9519 Multimedia Systems (6 UOC)

URL for this page: http://www.handbook.unsw.edu.au/undergraduate/plans/2010/COMPA14770.html

Plan

Law - LAWSA14770

Plan Summary

Faculty: Faculty of Law

School: Faculty of Law

Contact: http://www.law.unsw.edu.au

Program: 4770 - Science / Law

Award(s):

Bachelor of Laws (Major)

Plan Outline

This plan is designed for students who wish to study Science and Law. (Please see separate entries for Psychology and Computer Science majors)

Requirements for Science majors can be found here:

Requirements for Science Majors

Plan Structure

Year 1

Semester 1

- LAWS1052 Foundations of Law (6 UOC)

- Science courses - Level 1 (2 x 6 UOC)
- Other approved Science course - Level 1 (6 UOC)

Semester 2

- LAWS1061 Torts (6 UOC)

- Science courses - Level 1 (2 x 6 UOC)
- Other approved Science course - Level 1 (6 UOC)

Year 2

Semester 1

- LAWS1001 Criminal Law 1 (6 UOC)
- LAWS1071 Contracts 1 (3 UOC)
- LAWS1140 Public Law (3 UOC)

- Science courses (12 UOC)

Semester 2

- LAWS1011 Criminal Law 2 (6 UOC)
- LAWS1072 Contracts 2 (6 UOC)

- Science courses (12 UOC)

Year 3

Semester 1

- LAWS1160 Administrative Law (6 UOC)
- LAWS2381 Property, Equity & Trusts 1 (6 UOC)

- Science courses - 12 UOC

Semester 2

- LAWS1210 Law, Lawyers and Society (6 UOC)
- LAWS2382 Property and Equity 2 (6 UOC)

- Science courses - 12 UOC

Year 4

Semester 1

- LAWS2010 Business Associations 1 (6 UOC)
- LAWS2150 Federal Constitutional Law (6 UOC)
- LAWS2311 Litigation 1 (6 UOC)

Plus ONE of:

- LAWS2320 Legal Theory (6 UOC)
- LAWS2820 Law and Social Theory (6 UOC)

Semester 2

- LAWS2321 Litigation 2 (6 UOC)
- LAWS2520 Advanced Legal Research (2 UOC)

Plus:

- 1 Law elective - 6 UOC
- 1 Law elective - 4 UOC
- 1 Law or Science elective - 6 UOC

For the Law or Science elective you can select either:
1 Science or Law elective (6 UOC)

Year 5

Semester 1

- Law electives - 24 UOC

Semester 2

- Law electives - 24 UOC

* See separate entry for Psychology major.

Bachelor of Science/Bachelor of Laws with Major in Computer Science

Students interested in this major should consult fully with the Student Office of Computer Science and Engineering prior to enrolment.

Year 1 (Computer Science Major)

Semester 1

- COMP1917 Higher Computing 1 (6 UOC)
- LAWS1052 Foundations of Law (6 UOC)
- MATH1081 Discrete Mathematics (6 UOC)

Plus ONE of:

- MATH1131 Mathematics 1A (6 UOC)
- MATH1141 Higher Mathematics 1A (6 UOC)

Semester 2

- COMP1927 Higher Data Str. & Algos (6 UOC)
- LAWS1061 Torts (6 UOC)

Plus ONE of:

- MATH1231 Mathematics 1B (6 UOC)
- MATH1241 Higher Mathematics 1B (6 UOC)

Plus ONE Level 3/4 Science course (6 UOC)

Year 2 (Computer Science Major)

Semester 1

- COMP2121 Microprocessors & Interfacing (6 UOC)
- COMP2911 Eng. Design in Computing (6 UOC)
- LAWS1001 Criminal Law 1 (6 UOC)
- LAWS1071 Contracts 1 (3 UOC)
- LAWS1140 Public Law (3 UOC)

Semester 2

- COMP2041 Software Construction (6 UOC)
- LAWS1011 Criminal Law 2 (6 UOC)
- LAWS1072 Contracts 2 (6 UOC)

Plus ONE Level 3/4 Science course (6 UOC)

Year 3 (Computer Science Major)

Semester 1

- LAWS1160 Administrative Law (6 UOC)

- LAWS2381 Property, Equity & Trusts 1 (6 UOC)

- Level 3/4 Science courses (12 UOC)

Semester 2

- LAWS1210 Law, Lawyers and Society (6 UOC)
- LAWS2382 Property and Equity 2 (6 UOC)

- Level 3/4 Science courses (12 UOC)

Year 4 (Computer Science Major)

Semester 1

- LAWS2010 Business Associations 1 (6 UOC)
- LAWS2150 Federal Constitutional Law (6 UOC)
- LAWS2311 Litigation 1 (6 UOC)

Plus ONE of:

- LAWS2320 Legal Theory (6 UOC)
- LAWS2820 Law and Social Theory (6 UOC)

Semester 2

- LAWS2321 Litigation 2 (6 UOC)
- LAWS2520 Advanced Legal Research (2 UOC)

Plus:

- 1 Law elective - 6 UOC
- 1 Law elective - 4 UOC
- 1 Law or Science elective - 6 UOC

For the Law or Science elective you can select either:
1 Science or Law elective (6 UOC)

Year 5 (Computer Science Major)

Semester 1

- Law electives - 24 UOC

Semester 2

- Law electives - 24 UOC

Bachelor of Science/Bachelor of Laws with Major in Psychology

Year 1 (Psychology Major)

Semester 1

- LAWS1052 Foundations of Law (6 UOC)
- LAWS1071 Contracts 1 (3 UOC)
- LAWS1140 Public Law (3 UOC)
- PSYC1001 Psychology 1A (6 UOC)

- Science course - Level 1 (6 UOC)

Semester 2

- LAWS1061 Torts (6 UOC)
- LAWS1072 Contracts 2 (6 UOC)
- PSYC1011 Psychology 1B (6 UOC)

- Science course - Level 1 (6 UOC)

Honours: Students interested in completing Honours must contact the School of Psychology at the end of Year 1.

Year 2 (Psychology Major)

Semester 1

- LAWS1001 Criminal Law 1 (6 UOC)
- LAWS1160 Administrative Law (6 UOC)
- PSYC2001 Research Methods 2 (6 UOC)

- Psychology course - 1 x Level 2 (6 UOC)

Semester 2

- LAWS1011 Criminal Law 2 (6 UOC)
- LAWS1210 Law, Lawyers and Society (6 UOC)

- Psychology courses - 2 x Level 2 (12 UOC)

Year 3 (Psychology Major)

Semester 1

- LAWS2381 Property, Equity & Trusts 1 (6 UOC)
- PSYC3001 Research Methods 3A (6 UOC)

- Psychology course - 1 x Level 3 (6 UOC)
- Science course - Level 1 (6 UOC)

Semester 2

- LAWS2382 Property and Equity 2 (6 UOC)

- Psychology courses - 2 x Level 3 (12 UOC)
- Science course - Level 1 (6 UOC)

Year 4 (Psychology Major)

Semester 1

- LAWS2010 Business Associations 1 (6 UOC)
- LAWS2150 Federal Constitutional Law (6 UOC)
- LAWS2311 Litigation 1 (6 UOC)

Plus ONE of:

- LAWS2320 Legal Theory (6 UOC)
- LAWS2820 Law and Social Theory (6 UOC)

Semester 2

- LAWS2321 Litigation 2 (6 UOC)
- LAWS2520 Advanced Legal Research (2 UOC)

Plus:

- 1 Law elective - 6 UOC
- 1 Law elective - 4 UOC
- 1 Law or Science elective - 6 UOC

For the Law or Science elective you can select either:
1 Science or Law elective (6 UOC)

Year 5 (Psychology Major)

Semester 1

- Law electives - 24 UOC

Semester 2

- Law electives - 24 UOC