UC SCIENCE

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B

Bachelor of Science – example degree structure

Each small block represents a 15-point course. However, some courses may be 30 points or more.

- Astronomy
- Biochemistry
- Biological Sciences
- Chemistry
- Computer Science
- Economics
- Environmental Science
- Finance
- Financial Engineering
- Geography
- Geology
- Linguistics
- Mathematics
- Mathematical Sciences Education
- Medicinal Chemistry
- Philosophy
- Physics
- Psychology
- Statistics

Bachelor of Science major: Astronomy

Bachelor of Science major: Biochemistry

Bachelor of Science major: Biological Sciences

BIOL309 is required for entry into postgraduate level study in Biological Sciences

*CHEM114 and MATH101 are strongly advised if you don't have 14 credits of NCEA L3 Chemistry or Mathematics

Bachelor of Science major: Chemistry

Bachelor of Science major: Computer Science

¹Choose 60 points from: 300-level COSC (excluding COSC366), DATA301, ENCE360, ENCE361, SENG301, SENG302, SENG303, SENG365

Bachelor of Science major: Economics

Bachelor of Science major: Finance

Bachelor of Science major: Financial Engineering

Bachelor of Science major: Geology

* 100-level courses from ASTR, BIOL, CHEM, COSC, ENVR, GEOG, MATH, PHYS, or STAT is required for postgraduate study.

Bachelor of Science major: Linguistics

For postgraduate study, Linguistics majors must include at least one 15-point course in a language other than English (or have equivalent language ability). This can be chosen from CHIN, FREN, GRMN, JAPA, SPAN, RUSS, and TREO.

Bachelor of Science major: Mathematics

Bachelor of Science major: Statistics

Ec

i.   ECON104 and ECON105; and
ii.   ECON207 or ECON208; and
iii. A further 15 points of Economics at 200-level
      or above; and

io;

Non-Science

As part of a science degree, you may take a non-science minor.

Note that a maximum of 105 non-science points will be counted towards the 360 points needed for a BSc.

If you are not sure if you have enough science points, check with the student advisors in the Faculty of Science.

Arts

Anthropology

At least 75 points in Anthropology (ANTH), which must include at least 45 points at 200-level or above.

Art History and Theory

At least 75 points in Art History and Theory (ARTH), which must include at least 45 points at 200-level or above.

Chinese

At least 75 points in Chinese (CHIN), which must include at least 45 points at 200-level or above, and which must include at least 15 points in Chinese language course(s) as approved by the Kairuruku Hōtaka | Programme Coordinator.

Cinema Studies

At least 75 points in Cinema Studies (CINE), which must include at least 45 points at 200-level or above.

Classics

At least 75 points in Classics (CLAS), which must include at least 45 points at 200-level or above.

Composition and Musicology

75 points from the MUSA schedule, which must include MUSA100, MUSA132, MUSA250, MUSA252, and MUSA253.

Cultural Studies

At least 75 points in Cultural Studies (CULT) courses, or courses approved by the Cultural Studies Kairuruku Hōtaka | Programme Coordinator, which must include at least 45 points at 200-level or above.

Digital Humanities

At least 75 points, including at least 45 points at 200-level or above from the Digital Humanities (DIGI) schedule. DIGI101 is a required course.

Note: A student may include only one PACE internship course in their minor. Internship courses that are to be credited to the Digital Humanities minor must be approved in advance by the Kairuruku Hōtaka | Programme Coordinator.

Education

At least 75 points in Education (EDUC), which must include EDUC103 and at least 45 points at 200-level or above.

English

At least 75 points in English (ENGL), which must include at least 45 points at 200-level or above.

European and European Union Studies

At least 75 points in European and European Union Studies (EURA), which must include:

i.   EURA101,
ii. at least 45 points at 200-level or above.

Note: A student may include up to 30 points of a European language (French, German, Russian, or Spanish) in this minor.

French

At least 75 points in French (FREN), which must include at least 45 points at 200-level or above.

German

At least 75 points in German (GRMN), which must include at least 45 points at 200-level or above, and must include at least GRMN152.

Note: EURA courses with German content may be included in the major or minor with the approval of the Kairuruku Hōtaka | Language Programme Coordinator.

History

At least 75 points in History (HIST) coded courses which must include at least 45 points at 200-level or above.

Human Services

At least 75 points in Human Services (HSRV), which must include at least 45 points at 200-level or above.

Japanese

At least 75 points in Japanese (JAPA), which must include at least 45 points at 200-level or above, and must include at least one Japanese language course as approved by the Kairuruku Hōtaka | Programme Coordinator.

Māori and Indigenous Studies

At least 75 points in Māori and Indigenous Studies (MAOR) (or their co-coded equivalents), which must include at least 45 points at 200-level or above.

Media and Communication

At least 75 points in Media and Communication (COMS), which must include at least 45 points at 200-level or above.

Music

At least 75 points in Music (MUSA), which must include at least 45 points at 200-level or above as approved by the Kairuruku Hōtaka | Programme Coordinator.

Pacific Studies

At least 75 points in Pacific Studies (PACS), which must include at least 45 points at 200-level or above, and must include PACS201.

Political Science and International Relations

At least 75 points in Political Science and

**I a S **
i. INFO123; and
ii. INFO223 or INFO243 or INFO253 or INFO260 or INFO261; and
iii. A further 15 points of Information Systems at 200-level or above; and
iv. A further 15 points of Information Systems, Computer Science, or Software Engineering at 200-levelvor above; and
v. A further 15 points of Information Systems at 300-level.

**I a **
i. INOV200
ii. INOV201
iii. INOV202 or MGMT223
iv. INOV300 or MGMT342
v. A further 15 points in INOV at 200 or 300-level.

**I a a B **
i. MGMT100, ECON104, MKTG100; and
ii. ECON222, MGMT221; and
iii. MGMT332.

**Ma **
i. MKTG100; and
ii. MKTG201, MKTG202, MKTG204; and
iii. A further 15 points of Marketing at 300-level.

**O a S C a Ma a **
i. MGMT170; and
ii. MGMT270, MGMT271; and
iii. MGMT370; and
iv. 15 points from MGMT371–379.

**Ta a **
i. ACCT102, ACCT103, ACCT152; and
ii. ACCT254; and
iii. ACCT358, ACCT359.

**T a Ma a Ma a **
i. MKTG100, MGMT100; and
ii. MKTG205, MKTG240; and
iii. MKTG314

Digital Screen

**A a **
PROD142, and 60 points chosen from:
i. ARTH111, COSC121, PROD112, DISC241, PROD241, PROD244, DISC213, DISC240, PROD321, PROD341, PROD342, PROD344
ii. A maximum of 15 points may be chosen from: CINE224, JAPA212, CHIN206, DIGI204, DIGI207

**C a A **
DISC102, and 60 points chosen from:
i. CINE104, DISC211, DISC212, DISC213, DISC210, TITO202, DISC312, TITO301
ii. A maximum of 15 points may be chosen from: other CINE courses at 100 or 200-level, COMS201, JAPA212, COMS204, CHIN206, or PHIL137

Sc

 DISC101, and 60 points chosen from:

i.

Sport

N _▮▮ :

i. SPRT104 and SPRT107
ii. PSYC214 and SPCO242
iii. SPCO343

P   a c Da_a A a ▮

i. SPRT104 and SPRT131
ii. Two from: SPRT229, SPCO204, SPCO209
iii. One from: SPCO304, SPCO331

P ▮a Ac▮▮ a W b ▮

i. SPRT104 and SPRT107
ii. SPRT229
iii. One of: HLED223, HLTH201, and SPCO209
iv. SPRT322

S _C ac ▮

i. MGMT100
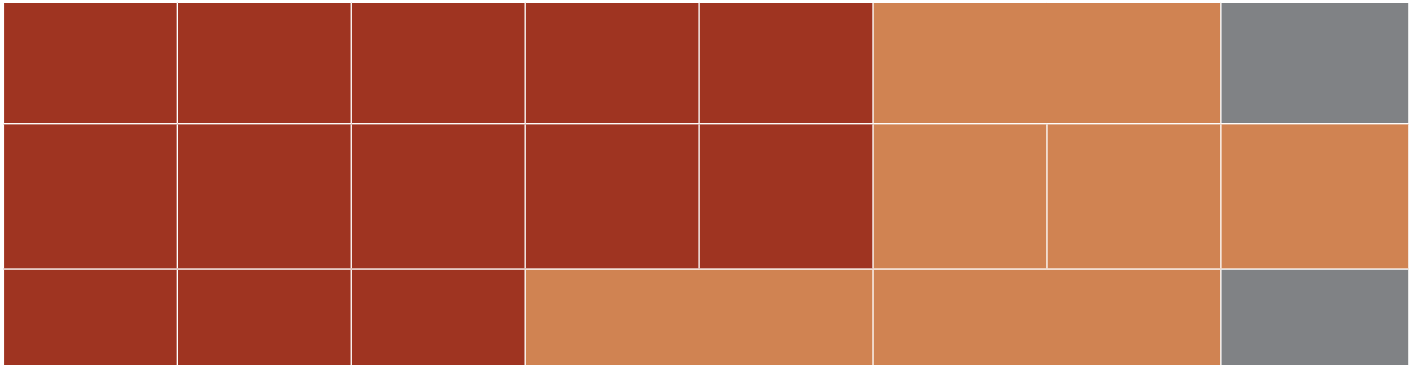ii. One of: SPRT109, SPRT131
iii. SPCO201
iv. SPCO201

iv.: T/Sprt27Actu a7ext5752O0/Sp a042 1.69 (n) 1.44970.91-2Tw 0 -042 41.5752TJ/SpRT 04 annd SPCO209iv ▮p▮s▮)B6w5ix)HfiNG▮64ff▮SP▮ G▮64f▮   G▮64ff▮

iv.2

8) M (▮ -   5 7 5 . 1 - -   f T   1   o ▮ 1 T /   J T ▮) . M (6 . 2 . 4 - 2 3) m (
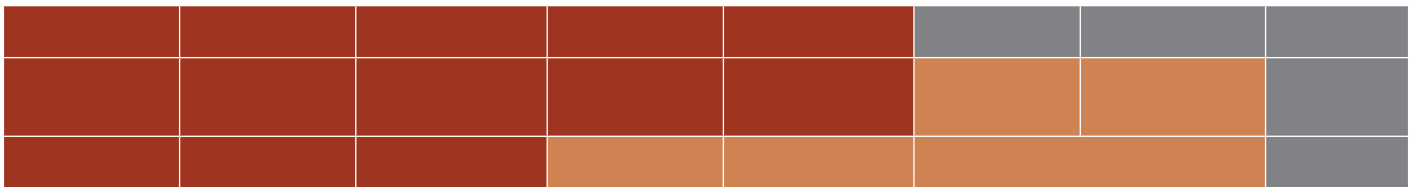
B   , D   BD

Bachelor of Data Science degree plan

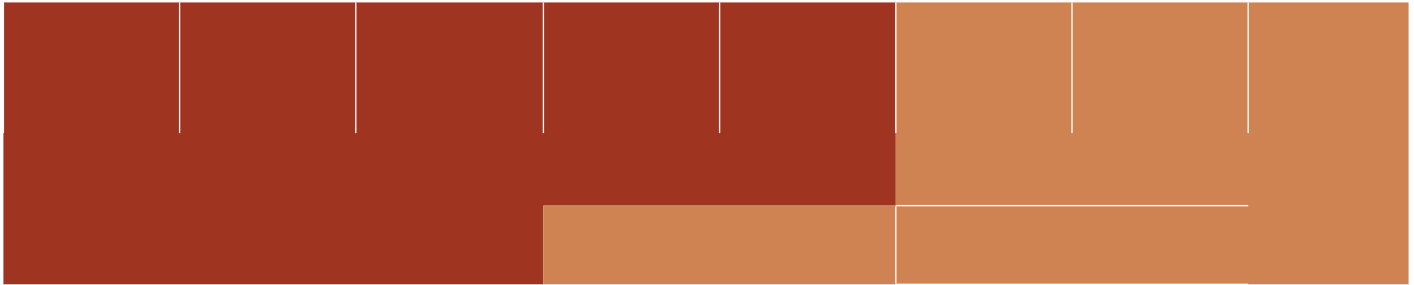# Bachelor of Data Science major: Business Analytics

Bachelor of Data Science major: Data Science

Analyse past and current data to provide predictions and valuable insights into everything from social behaviours to the natural environment.

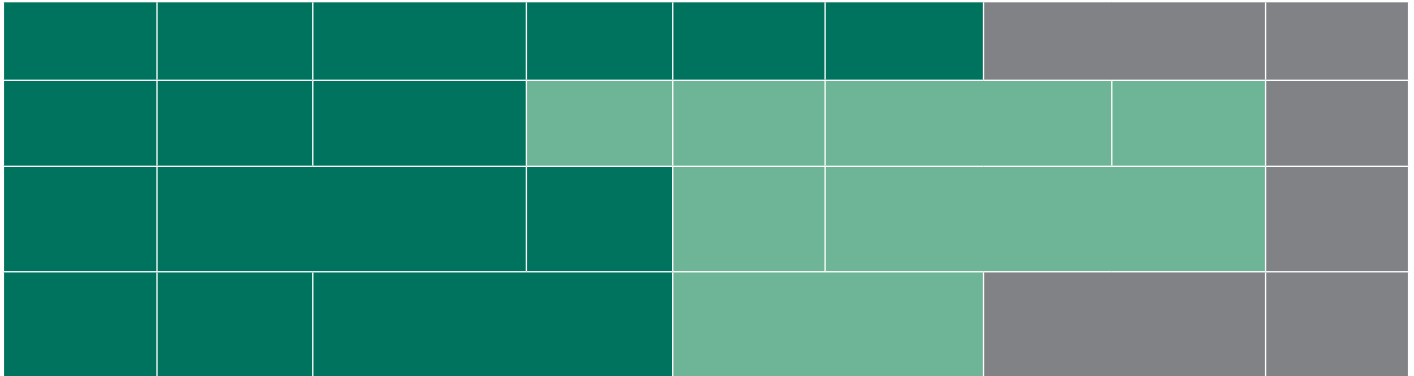# Bachelor of Data Science major: Population Health Data Science

Find data-driven solutions to disease prevention and improve public health and wellbeing on a large scale.
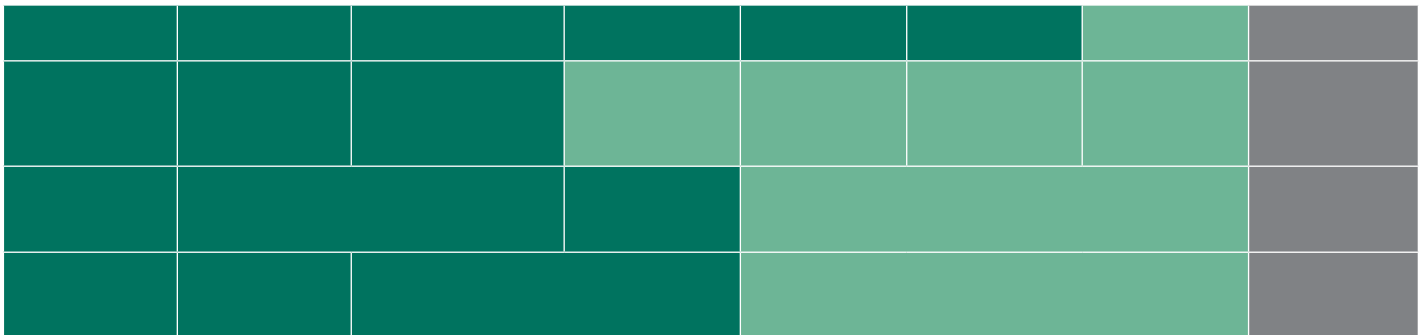
B E

Bachelor of Environmental Science major: Ecosystem Health and Biosecurity

Graduates will develop a deep understanding of ecological principles and a range of lab and field skills that will enable them to contribute to the sustainable use and management of natural resources.

Bachelor of Environmental Science major: Environmental Change

Develop a toolbox to help tackle a range of environmental issues. There is a strong foundation in Earth system science and courses to assist with understanding the importance of human activities on our environment.

Bachelor of Environmental Science major: Environmental Contamination

There is a growing demand for skilled professionals who can work with mana whenua, communities, industry and governments to determine the extent and mitigate the impacts of environmental contamination. This major explores chemical and biological (eg, microbial) contaminants and their impacts on the environment.ENVR480Eh8.

Bachelor of Environmental Science major: Freshwater

Bachelor of Speech and Language Pathology – Intermediate

This degree offers study in all disciplines within psychology: the field of human thought, growth, and capability. You will examine how our brains function, and how and why changes in our environment, culture, relationships, and more can influence our behaviour and overall wellbeing. You will also choose a minor subject to focus your study in a particular area of psychology. This degree will build foundational skills in psychological research and practice to prepare you for a career within scientific, healthcare, legal, or social

Bachelor of Psychological Science example degree structure

*Note that for some minors, this course will be 200-level, and you will choose a 300-level elective / 2nd minor course in its place.

Bachelor of Psychological Science minor: Forensic Psychology

*Students double minoring where PSYC376 is in both minors, will substitute PSYC376 with PSYC384

Bachelor of Psychological Science minor: Psychology for Common Good

Conjoint degrees

We currently offer five conjoint degrees.

F... : Students take 135 points each year for four years to complete the degree (540 points total).

1. **T C** ... **Bac** ... **A** ... **a Sc** ... **c (BA/BSc)**: advising is done primarily in the Faculty of Arts.
2. **T C** ... **Bac** ... **C** ... **c a Sc** ... **c (BC** ... **/BSc)**: advising is done primarily in the UC Business School.
3. **T C** ... **Bac** ... **P** ... **c** ... **D** ... **a Sc** ... **c (BP** ... **D** ... **/BSc)**: advising is done primarily in the Faculty of Engineering.

F ... **a c** ... : Students take 135 points each year for five years to complete the degree (675 points total).

4. **T C** ... **Bac** ... **E** ... ... **H** ... **a Da** ... **a Sc** ... **c (BE(H** ... **)/ BDa** ... **aSc)**: advising is done primarily in the Faculty of Engineering.
5. **T C** ... **Bac** ... **E** ... ... **H** ... **a Sc** ... **c (BE(H** ... **)/BSc)**: advising is done primarily in the Faculty of Engineering.

K ... :

Admission: students wish (g)-13.6 ((g)-13.8 (l)-13.3t.)m-1.222 os3(o)-1.9 e Fgineery ol9(f-0. (s)0c-5.2 (e)-10e t)-7.3,eeeB

W a a a ?

A major is the main subject area you will be
studying during your bachelor's degree. Very
likely, half or more of the courses you do at UC
will be in your major subject.

H   a   a b   a ? I   a ?

If the degree is planned carefully, in most cases
it takes three years to graduate with a double
major, which is the same time as a single major.

The overall workload is also the same as doing a
single major, but with less room for electives.

W   c   a   a ?

The number of courses required for each major
differs, and you can find information on this in
this booklet and on our website.

The rest of your enrolment needs to be filled
with elective and/or minor courses, which can be
either complementary to your major, or they can
be in completely different subject areas.

W a SCIE101?

All students who enrolled in a BSc, BDataSc and
BEnvSci(Hons) must take SCIE101, including those
from engineering who have completed ENGR101.

In this foundational course, we examine
stimulating questions such as what science is,
who does science, how science is practised, how

Ca I a ⸴ a 🔲 a a ?

BSc is a very flexible degree; in many cases you can take courses at a combination of different levels while you catch up.

If you fail or drop a paper, you may no longer meet the prerequisites for some higher-level papers in the following semester or year. However, you may still meet the prerequisites for other higher-level papers. In this case, you can continue with the higher-level papers you are eligible to take while at the same time taking the lower level papers you previously failed or need.

If you are unsure of the consequences of dropping or failing a paper, get in touch with your Student Advisor.

Ca I ⸴ b 🔲 a c ?

This depends on your subject choices. If the courses for your degree/major have (D) occurrences, then you can study by distance. However, if they only have (C) occurrences, then on campus attendance is required.

Ca I ⸴ a ⸴🔲 ?

Yes, part time study is possible, as long as it adheres to the time limits of your degree. The time limits refers to the length of time between the start of the first course that is being credited to your degree, to the end of the last one being credited.

The time limits are as follows:
- Bachelor of Science: 10 years
- Bachelor of Data Science: 10 years
- Bachelor of Psychological Science: 10 years

Bac E 🔲 a Sc🔲 c 🔲 ⸴ :

- 8-year time limit
- No more than 4 years to complete the 300-level and 400-level requirements.

Bac S c a La ⸴ a Pa⸴ 🔲 H ⸴ :

- The time limit for this qualification is 8 years.
- Enrolment is for full-time study across 48 months.

W a⸴ ⸴ ⸴ ⸴🔲 a a🔲ab ⸴ ?

There are many support services available on campus, whether you are looking to remedy a specific problem, or just see if you can do better in any area of university life. You can see the full list of support services under the "support services" tab in UC Home page. Here are a few examples of various support services:

S⸴ ⸴Ca : can help with a wide range of topics. Some examples are juggling commitments, dealing with financial hardship, or understanding UC policies and processes.

Location: Undercroft (under Puaka James Hight, Central Library)
Phone: 03 369 3388
Email: studentcare@canterbury.ac.nz

S⸴ Acc 🔲🔲🔲 S 🔲 : can help mitigate the effects of physical or mental impairment, whether temporary or permanent.

Location: Room 125 Ground floor Forestry building
Phone: 03 369 3334
Email: sas@canterbury.ac.nz

Aca 🔲 S 🔲 C ⸴ : have a range of workshops related to study skills and exam preparation. You can also book one on one appointments with them.

Location: Level 3, Puaka-James Hight
Phone: 03 369 3900
Email: academicskills@canterbury.ac.nz

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www.canterbury.ac.nz/science