

# UC SCIENCE

## Undergraduate Degrees

### 2024

[www.canterbury.ac.nz](http://www.canterbury.ac.nz)



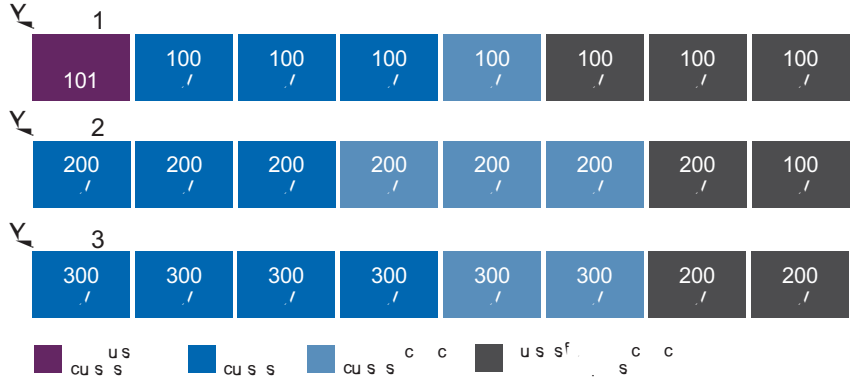


# Bachelor of Science

The Bachelor of Science (BS) is a four-year undergraduate degree program that provides students with a strong foundation in science, technology, and mathematics. The program is designed to prepare students for careers in various scientific fields or for further study in graduate school. The BS degree is awarded to students who complete a minimum of 120 credit hours, including a major in a science discipline and a minor in a related field. The program is highly flexible, allowing students to tailor their studies to their interests and career goals. The BS degree is a highly respected and sought-after qualification that opens up a wide range of opportunities for graduates.

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## Bachelor of Science – example degree structure



US courses, CS courses, CS courses with concentration, US science courses

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4. SCIE101 S i , S i M
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ASTR112	PHYS101	PHYS102	MATH102	MATH103	SCIE101	COSC131	100
ASTR211/212	PHYS285	PHYS203	PHYS205	PHYS206	MATH201	Recommended MATH202 and/or 203	100/200
ASTR 323/325	PHYS310	ASTR381	PHYS 311/313	300	300	200/300	200/300

BCHM111	BCHM112	SCIE101	CHEM114*	Recommended BIOL112, 113 and CHEM111	100	100	100
BCHM202	BCHM2124*						





STAT101	MATH102	ACCT102	SCIE101	Recommended ECON104, MATH103, FINC101	100	100	100
FINC201	FINC203	Recommended ECON207 or 200 level STAT	Recommended ECON213 or 200-level STAT	200	200	200	100/200
30 points (2 courses) from FINC301/ FINC311/FINC312		300 FINC	300 FINC	300	300	200/300	200/300

STAT101	MATH102	MATH103	COSC 131/121	COSC122	ECON104	SCIE101	ACCT102
FINC201	ECON207/ FINC 203	ECON213	MATH201	SENG201	STAT 211/221	STAT 213	Recommended INFO213
FINC 311/312	FINC331/ ECON331	STAT317/					

GEOL101	GEOL102	SCIE101	100*	100*	100*	100*	100*
GEOL240	GEOL242	GEOL243	GEOL244	GEOL241	200	200	100/200
GEOL351	GEOL352	300 GEOL	300 GEOL	300 Recommended GEOL	300 Recommended GEOL	200/300	200/300

\*100- r f r ASTR, BIOL, CHEM, COSC, ENVR, GEOG, MATH, PHYS, rSTATi r i f r r .

LING101	LING102	SCIE101	100	100	100	100	100
LING212	LING217	200 LING	200	200	200	200	100/200
LING310		300 LING		300	300	200/300	200/300

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MATH102 <sup>1</sup>	MATH103 <sup>1</sup>	SCIE101	MATH101 <sup>2</sup>	Recommended MATH120	100	100	100
45 points (3 courses) selected from MATH201/202/203/220/240			200	200	200	200	100/200
300 MATH	300 MATH	300 MATH	300 MATH	300 <sup>3</sup>	300	200/300	200/300

4.5.81

<sup>1</sup>3



MATH102*	MATH103*	SCIE101	Recommended STAT101	100	100	100	100
STAT213	200 STAT	200 STAT	200	200	200	200	100/200
300 STAT	300 STAT	300 STAT	300 STAT	300	300	200/300	200/300

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### Anthropology

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### Art History and Theory

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### Chinese

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### History

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### Human Services

A 75 i i H S r i (HSRV),  
i i 45 i  
200- r .

### Japanese

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### Entrepreneurship

- 1 ACCT102, MGMT100, MKTG100;
- 2 MGMT223;
- 3 MGMT342, MGMT343

### Human Resource Management

- 1 MGMT100;
- 2 MGMT206, MGMT207;
- 3 MGMT303, MGMT308.

### Information Systems

- 1 INFO123;
- 2 INFO223 r INFO253;
- 3 Af r r 30 1 f l f r 1 S  
200- r ;
- 4. Af r r 15 1 f l f r 1 S  
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### Innovation

- 1 INOV200
- 2 INOV201
- 3 INOV202 r MGMT223
- 4. INOV300 r MGMT342  
. Af r r 15 1 1 INOV 200 r  
300- .

### International Business

- 1 MGMT100, ECON104, MKTG100;
- 2 ECON222, MGMT221;
- 3 MGMT332.

### Marketing

- 1 MKTG100;
- 2 MKTG201, MKTG202, MKTG204;
- 3 Af r r 15 1 f M r 1 300- .

### Operations and Supply Chain Management

- 1 MGMT170;
- 2 MGMT270, MGMT271;
- 3 MGMT370;
- 4. 15 1 fr MGMT371 379.

### Taxation

- 1 ACCT102, ACCT103, ACCT152;
- 2 ACCT254;
- 3 ACCT358, ACCT359.

### Tourism and Marketing Management

- 1 MKTG100, MGMT100, STAT101;
- 2 MKTG205, MKTG240;
- 3 MKTG314

### Animation

- A 75 1 ,fr f 1 r :
- PROD142, DISC251, PROD241, PROD243, DISC213,  
DISC240, PROD341, PROD342, PROD343

### Cinematic Arts

- A 75 1 ,fr f 1 r :
- DISC102, DISC211, DISC212, DISC213, DISC210,  
TITO202, DISC311, CINE302.

### Game Arts

- A 75 1 ,fr f 1 r :
- PROD142, PROD121, PROD221, PROD241, PROD243,  
PROD222, PROD341, PROD342, PROD343.

### Game Development

- A 75 1 ,fr f 1 r :
- PROD121, PROD221, PROD224, PROD223,  
PROD222, PROD225, PROD321, PROD323.

### Indigenous Narrative

- A 75 1 , f 1 45 1
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### Youth and Community Leadership

A 75 credit, interdisciplinary minor consisting of 30 credits from: EDUC206, YAQL201, CULT202, EDUC204, INOV290, YAQL301, YAQL302, EDUC302, EDUC399.

A 45 credit minor consisting of: CHCH101, COMS101, YAQL101, YAQL201.

### Health Education

A 75 credit interdisciplinary minor (HLED), consisting of 45 credits from 200-level courses.

### Physical Activity

A 75 credit, interdisciplinary minor consisting of 45 credits from 200-level courses from: HLED223, SPCO101, SPCO104, SPCO107, SPCO126, SPCO204, SPCO208, SPCO209, SPCO221, SPCO223, SPCO305, SPCO308, SPCO335, SPCO336.

Non-credit minor consisting of 10 credits from: SPCO104, SPCO204, SPCO209, SPCO335, SPCO336.

### Public Health

A 75 credit, interdisciplinary minor consisting of 45 credits from 200-level courses from: HLTH111, HLTH213, HLTH214, GEOG325, HLED321, HLTH312, MKTG315.

A 45 credit interdisciplinary minor consisting of 45 credits from: ECON338, GEOG205, GEOG217, SOWK303.

### Society and Policy

A 75 credit, interdisciplinary minor consisting of 45 credits from 200-level courses from: PHIL240, POLS206, POLS307, SOCI243, SOCI363, SPCO368, SOWK101.

### Professional and Community Engagement

A 10 credit minor consisting of 10 credits from: PACE225, PACE295, PACE395.

A 15 credit minor consisting of 15 credits from: PACE225, PACE295, PACE395.





### Performance Data Analysis

- i□ SPCO104 SPRT131
- i▣ T f r : SPCO201, SPCO204, SPCO209
- i▣▣ O f r : SPCO304, SPCO331

### Physical Activity and Wellbeing

- i□ SPCO104 SPCO107
- i▣ SPRT229
- i▣▣ O f : HLED223, HLTH201, SPCO209
- i□. SPRT322

### Sport Coaching

- i□ SPCO101
- i▣ O f : SPRT109, SPRT131
- i▣▣ SPCO201
- i□. O f : SPCO204, SPCO209, SPRT229
- . O f : SPCO301, SPCO302

### Sport Management

- i□ MGMT100 SPRT108
- i▣ SPCO224
- i▣▣ O f : MGMT206, MGMT207
- i□. SPCO301

### Te Ao Hākinakina

- i□ O f : TREO110 r SPCO126
- i▣ O f : HLTH106, MAOR107, MAOR108, SPCO126
- i▣▣ MAOR219
- i□. O f : MAOR282, SPCO208, SPRT203
- . SPCO310

### Sport Studies

- i□ T f r : SPCO101, PSOC104, SPCO105, SPCO110, SPCO208, SPCO320.
- i▣▣ T r f r : HLTH201, MKG201, SPCO201, YACL201, MKTG204, SPCO204, MGMT206, MGMT207, SPCO208, SPCO209, SPCO210, MAOR214, PSYC214, MAOR219, SPCO221, HLED223, SPCO224, SPCO226, MKTG240, SPCO241, SPCO242, MAOR270, MAOR282, SPCO301, SPCO302, SPCO304, SPCO305, SPCO310, MAOR317, SPCO320, GEOG325, SPCO331, SPCO332, SPCO336, SPCO341, SPCO343.

# Bachelor of Data Science and Business Data Analytics

SCIE101	MATH102	DATA101	COSC121	COSC122	100 MAJOR	100 MAJOR	100
DATA201	DATA205	STAT201	COSC201	200 MAJOR	200 MAJOR	200 MAJOR	
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SCIE101	MATH102	DATA101	COSC121	COSC122	100	100	100
DATA201	DATA203	STAT201/202	COSC262	PHIL240	COSC265	One from STAT211-299	100/200
DATA301	DATA303	STAT315	COSC367	STAT318	DATA309		200/300

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SCIE101	MATH102	DATA101	COSC121	COSC122	GISC101	Schedule for major	100*
DATA201	DATA203	STAT201/202	COSC262	PHIL240	HLTH213	HLTH214	200 HLTH/ GEOG
DATA301	DATA303	STAT315/318	HLTH312	GEOG325	DATA309		Schedule for major

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# Base functions in a sequence



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ENVR101	STAT101	CHEM114/ CHEM111	BIOL112	GEOG106	SCIE101	100	100
ENVR209	ENVR210	BIOL209	BIOL274	BIOL275	SOIL203/WATR201/ GEOG201/BIOL213	BIOS201	100/200
ENVR302	ENVR303		PSYC341	BIOL309	30 points from: BIOL 332/336/371/375/377/378/383/384		200/300
ENVR415	ENVR411	ENVR480 Research project		30 points from: BIOL 420/423/424/425/ 426/427/428/ FORE447		400	400

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ENVR101	STAT101	CHEM114/111	BIOL112	GEOG106	SCIE101	ANTA102	100
ENVR209	ENVR210	BIOL209/ GEOG205/208	BIOL274	ANTA201	GEOG 201/215	BIOL275	100/200
ENVR302	ENVR303		PSYC341	45 points from: GEOG312/311/ BIOL377 / PHYS 330			200/300
ENVR415	ENVR411	ENVR480 Research project		GEOG412		BIOL427	400



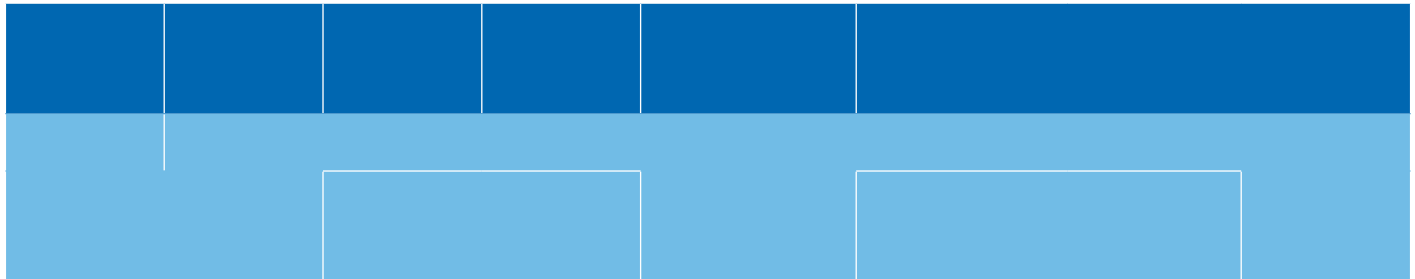




# Basic fee and a fee

STAT101	At least 1 of: HLTH106 MAOR165/172 TREO110/111	100 *	100 *	100 *	100 *	100 *	100 *
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\* : SPSC 133, SPSC 114, EDUC 102, LING 101, PSYC 105, PSYC 106 r i f A i r.  
 BSLP(H ), IO r f r.



# Base for Area Degree B

This is a list of courses that are required for the Area Degree B. The courses are listed in a grid format. The first column contains the course numbers, and the second column contains the course titles. The courses are:

PSYC105	PSYC106	PSYC107	SPSC114	HLTH106/ MAOR108 /TREQ110
PSYC206	PSYC207	PSYC208	PSYC213	PSYC215
PSYC375	PSYC377	PSYC379	300 Minor	300 Minor

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- N r i C i
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PSYC105	PSYC106	PSYC107	SPSC114	HLTH106/ MAOR108 /TREQ110	100 2nd minor or elective	100 Elective from any degree	100 Elective from any degree
PSYC206	PSYC207	PSYC208	PSYC213	PSYC215	200 Minor	200 2nd minor or elective	100/200 2nd minor or elective
PSYC375	PSYC377	PSYC379	300 Minor	300 Minor	300 Minor*	200/300 2nd minor or elective	200/300 2nd minor or elective

\*N f r i r, i r i 200-, i 300- i /2 i r r i i

PSYC105	PSYC106	PSYC107	SPSC114	HLTH106/ MAOR108 /TREQ110	100	100	100
PSYC206	PSYC207	PSYC208	PSYC213	PSYC215	PSYC216	SOCI222	100/200
PSYC375	PSYC377	PSYC379	PSYC330	PSYC376*	300	200/300	200/300

\*S    r PSYC376   r,   PSYC376  PSYC349.

PSYC105	PSYC106						

PSYC105	PSYC106	PSYC107	SPSC114	HLTH106/ MAOR108 /TREQ110	100	100	100
PSYC206	PSYC207	PSYC208	PSYC213	PSYC215	PSYC214	200	100/200
PSYC375	PSYC377	PSYC379	PSYC374	PSYC376*	PSYC380	200/300	200/300

\*S PSYC376 PSYC349.

PSYC105	PSYC106	PSYC107	SPSC114	HLTH106/ MAOR108 /TREQ110	100	100	100
PSYC206	PSYC207	PSYC208	PSYC213	PSYC215	PSYC209	200	100/200
PSYC375	PSYC377	PSYC379	PSYC373	2 from: BIOL355/PSYC340/ PSYC381/PSYC382		200/300	200/300

\*P F f S i o r i 4.5 T o -1.111 T 47 ((8)15 ( )-10.7 (-)-18.6 ( )-41.1 ( )-17.3 f S)-23.2 ( (3)18.5 (00)28 ( )7.27 ( )-5.6 ( )-20 ( )-141 (0) )--22.9 ( )2.9 ( )2.9 ( )2.9 ( )2.9 6.558(3)( )2.9

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**For 4-year conjoint degrees:** S 135  
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1. **The Conjoint Bachelor of Arts and Science (BA/BSc):** i i i r i i  
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2. **The Conjoint Bachelor of Commerce and Science (BCom/BSc):** i i i  
r i i UCB i S .

3. **The Conjoint Bachelor of Product Design and Science (BProdDesign/BSc):** i i i  
r i i F f E i i .

**For 5-year conjoint degrees:** S 135  
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r (675 i i ).

4. **The Conjoint Bachelor of Engineering with Honours and Data Science (BE(Hons)/BDataSc):** i i i r i i  
F f E i i r .

5. **The Conjoint Bachelor of Engineering with Honours and Science (BE(Hons)/BSc):** i i i  
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## Key points:

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I need help with planning my degree.

Who do I go to?

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Dr i : A i i i

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**Can I pass the year if I drop a paper?**

BS students can drop a paper in the first semester of their first year. If you drop a paper, you will receive a grade of "W" (Withdrawn) on your transcript. This grade does not affect your GPA. However, you must consult with your advisor and the Registrar's Office before dropping a paper. There are some restrictions on how many papers you can drop in a semester. For example, you cannot drop more than two papers in a semester. Also, you cannot drop a paper if you have already failed it. If you are considering dropping a paper, please contact your advisor or the Registrar's Office for more information.

**Can I study by distance?**

Yes, you can study by distance. The University of California offers a variety of distance education programs. These programs allow you to take courses from anywhere in the world. There are several advantages to studying by distance. First, you can avoid the cost of travel and housing. Second, you can study at your own pace. Third, you can continue to work while you study. However, there are also some disadvantages. For example, you may not have access to campus resources like libraries and labs. Also, you may not be able to interact with your classmates. If you are considering studying by distance, please contact the Registrar's Office for more information.

**Can I study part time?**

Yes, you can study part time. The University of California offers a variety of part-time programs. These programs allow you to take courses at a slower pace than a full-time program. There are several advantages to studying part time. First, you can continue to work while you study. Second, you can take a break from school if you need it. Third, you can take courses that are not offered in a full-time program. However, there are also some disadvantages. For example, it may take longer to complete your degree. Also, you may not have access to campus resources. If you are considering studying part time, please contact the Registrar's Office for more information.

Students can also drop a paper in the second semester of their first year. If you drop a paper, you will receive a grade of "W" (Withdrawn) on your transcript. This grade does not affect your GPA. However, you must consult with your advisor and the Registrar's Office before dropping a paper. There are some restrictions on how many papers you can drop in a semester. For example, you cannot drop more than two papers in a semester. Also, you cannot drop a paper if you have already failed it. If you are considering dropping a paper, please contact your advisor or the Registrar's Office for more information.

**Bachelor of Environmental Science with Honors:**

- 8-10 units of science
- Natural Resources 400-499

**Bachelor of Speech and Language Pathology with Honors:**

- 10-12 units of science
- English 100-109

**What other support is available to me?**

There are many resources available to help you succeed. The University of California offers a variety of support services. These services include tutoring, writing centers, and career counseling. There are also many student organizations and clubs. If you are having trouble with a course, please contact your advisor or the Registrar's Office for more information.

**Student Care:** The University of California offers a variety of support services for students. These services include tutoring, writing centers, and career counseling. There are also many student organizations and clubs. If you are having trouble with a course, please contact your advisor or the Registrar's Office for more information.

**Student Accessibility Service:**

The University of California offers a variety of support services for students with disabilities. These services include tutoring, writing centers, and career counseling. There are also many student organizations and clubs. If you are having trouble with a course, please contact your advisor or the Registrar's Office for more information.

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