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**MEMORANDUM**

ATTENTION	Senate	DATE	February 4, 2022
FROM	Wade Parkhouse, Chair	PAGES	1/3
RE:	Senate Committee on Undergraduate Studies Program Changes		

**For information:**

Acting under delegated authority at its meeting of February 3, 2022 SCUS approved the following curriculum revision effective Fall 2022.

**a. Faculty of Arts and Social Sciences (SCUS 22-11)****1. Department of Gerontology**

- (i) Description and upper division requirement changes to the Gerontology Post Baccalaureate Diploma program

**b. Beedie School of Business (SCUS 22-12)**

- (i) Description, Upper and lower division requirement changes to the Business Major and Honours programs
- (ii) Requirement changes to the:
- Business Technology Management Certificate
  - Innovation and Entrepreneurship Certificate
  - International Experiential Learning Certificate

(iii) Requirement changes to the:

- Mechatronic Systems Engineering and Business Double Degree Major
- Business and Communication Joint Major
- Business and Economics Joint Major
- Business and Geography Joint Major
- Business and Psychology Joint Major
- Business, Philosophy and the Law Joint Major
- Information Systems in Business Administration and Computing Science Joint Major
- Interactive Arts and Technology and Business Joint Major BA or BBA
- Interactive Arts and Technology and Business Joint Major BSc
- Molecular Biology and Biochemistry and Business Administration Joint Major
- Sustainable Business Joint Major
- Business and Economics Joint Honours
- Molecular Biology and Biochemistry and Business Administration Joint Honours

(iv) Upper and lower division requirement changes to the Business Major and Honours programs (Fall 2023)

### **c. Faculty of Communication, Art and Technology (SCUS 22-13)**

#### **1. School for the Contemporary Arts**

(i) Upper division requirement changes to the:

- Music and Sound Major
- Music and Sound Honours

(ii) Upper and lower division requirement changes to the:

- Dance Honours
- Dance Major
- Dance Extended Minor

### **d. Faculty of Environment (SCUS 22-14)**

#### **1. Department of Geography**

(i) Upper division requirement changes to the:

- Global Environmental Systems Major
- Global Environmental Systems Honours

#### **2. School of Resource and Environmental Management**

(i) Admission requirement changes to the Resource and Environmental Management Major

**e. Faculty of Science (SCUS 22-15)**

1. Department of Statistics and Actuarial Science

- (i) Description, upper and lower division requirement changes to the Actuarial Science Major and Honours

Senators wishing to consult a more detailed report of curriculum revisions may do so on the Senate Docushare repository at <https://docushare.sfu.ca/dsweb/View/Collection-12682>.



<p><b>Name of Program or Name of Faculty</b> Gerontology Post Baccalaureate Diploma Program</p>
<p><b>Rationale for change:</b></p> <ol style="list-style-type: none"> <li>1) The reduction in credit hours to the SFU minimum (30) has been made to enhance faster completion of the program.</li> <li>2) The reduction in required courses has been made to offer students greater flexibility in selecting courses that meet their educational and career goals. In addition, fewer required courses gives the Gerontology department greater flexibility in course scheduling, and in offering courses that have higher FTEs.</li> <li>3) Although most students receive a waiver for the practicum component, the department recognizes that the practicum should have a credit value (3) as an elective in cases where a student completes the practicum.</li> <li>4) These changes are based on tracking of student demand, feedback, and a departmental assessment of the PBD Program over several years.</li> </ol>
<p><b>Effective term and year:</b> Fall 2022</p>
<p><b>The following program(s) will be affected by these changes:</b></p> <p>Gerontology Post Baccalaureate Diploma Program</p>

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

<p>Gerontology Post Baccalaureate Diploma</p> <p>This program, for those with a bachelor’s degree who are working or plan to work with <del>the elderly</del> <b>older adults</b>, provides a <b>comprehensive</b> <del>broadly-based</del>, multidisciplinary perspective on aging <b>with a focus on</b> <del>as well as</del> requisite knowledge and skills for meaningful intervention and application of research findings to practice.</p> <p>Admission Requirements</p>
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completion of a bachelor's degree from a recognized university with a minimum graduation grade point average of 2.5

three reference letters attesting to personal qualities and characteristics, ability to complete a post baccalaureate program, and career potential and dedication to the gerontology field. Obtain an application package from the program office including letter of reference forms, program information and a separate application to the gerontology diploma program.

Consult the department for information on application.  
Program Requirements

Successful completion of ~~30~~ 32 units, as laid out below.

A 2.5 CGPA is required on courses applied toward the diploma. Students entering without experience of working directly with older persons in a job or volunteer setting may be required to complete a practicum. A criminal record check is required prior to starting the practicum.

~~Some most~~ diploma program courses have prerequisites that should be completed before enrolling in the program. Contact the program advisor for information on prerequisites and general program requirements.

Courses other than those listed below may be designated for gerontology diploma credit from term to term. Check with the department for this course list.

Students complete all of  
Required Courses

Students complete a minimum of ~~6~~ 17 units, including ~~all of~~

~~GERO 300 - Introduction to Gerontology (3) \*~~

~~GERO 420 - Sociology of Aging (4) or SA 420 - Sociology of Aging (S) (4)~~

~~GERO 450 - Evaluation of Health Programs for Older Adults (4)~~

~~PSYC 357 - Adulthood and Aging (3)~~

~~and one of~~

~~GERO 301 - Research Methods in Gerontology (3) ^, \*~~

~~PSYC 301 - Intermediate Research Methods and Data Analysis (4) \*~~

~~SA 355 - Quantitative Methods (S) (4) \*~~

or any other approved research methodology course\*

\* should be completed at the beginning of the program

^, \* recommended and should be completed at the beginning of the program.



### Elective Courses

Students complete a minimum of ~~24~~ **15** units from **any Gerontology 300 or 400 level courses listed under the Gerontology Minor. This may include the 3 credit-based PBD practicum, unless a waiver is granted by the department. In special circumstances, students may request to take elective courses outside of the Gerontology department with approval by the Gerontology Undergraduate Chair.**

**Students must also complete a practicum unless a waiver is received**

~~the following list of courses~~

- ~~EDUC 351 Teaching the Older Adult (3)~~
- ~~GERO 302 Health Promotion and Aging (3)~~
- ~~GERO 401 Environment and Aging (3)~~
- ~~GERO 403 Counselling Issues with Older Adults (3)~~
- ~~GERO 404 Health and Illness in Later Life (3)~~
- ~~GERO 406 Death and Dying (3)~~
- ~~GERO 407 Nutrition and Aging (3)~~
- ~~GERO 408 Families over the Life Course (4)~~
- ~~GERO 409 Mental Health and Aging (3)~~
- ~~GERO 410 Special Topics in Gerontology I (3)~~
- ~~GERO 411 Special Topics in Gerontology II (3)~~
- ~~GERO 412 Special Topics in Gerontology III (3)~~
- ~~GERO 413 Sexuality and Aging (3)~~
- ~~SA 319 Transnational Aging (A) (4)~~


**Name of Program or Name of Faculty**

Beedie School of Business – Bachelor of Business Administration

**Rationale for change:**

1. The Beedie School of Business (BsB) has gone through a program review to ensure program alignment with the school's calling. The review process established Program Level Learning Goals that reflected the calling and mapped the current curriculum against those learning goals. The review process identified gaps within the program and the different business areas within BsB modified courses or proposed new courses to better align the BBA to the school's calling.

2. In response to the 2019 to 2021 Beedie School of Business (BsB) Undergraduate Program Review and the growing call for the indigenization of SFU's curricula, the BsB Undergraduate Program Review Project Team is proposing the BsB Non-Business Elective Requirements for the undergraduate Business Major and Business Honours program.

This requirement is an elaboration of the current BBA requirement for students to complete a minimum of 36 units outside of the BsB and will direct students to learning experiences, outside of business that offers an Indigenous perspective.

3. Removing BUS 496 - The Beedie School of Business has undergone a program review to bring the BBA in alignment with the calling. One of the program changes includes the implementation of three Professional Development courses: Launch, Planning, Summit.

To implement, BUS 496 - Selected Topics in Business Administration (5) is being modified to BUS 496 – Professional Development – Summit (1).

As BUS 496 is no longer a selected topics course, this program modification is being put forward to remove BUS 496 - Selected Topics in Business Administration (5) from all program requirements.

**Effective term and year:**

Fall 2022

**The following program(s) will be affected by these changes:**
**Major:** Bachelor of Business Administration

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

### Major: Bachelor of Business Administration

Students admitted to the Beedie School of Business for the Fall 2017 term onwards must complete the Business Foundation Program within their first year.

During the first 60 units of the program, students will complete mainly non-business courses, which fall under three categories of courses. The first category consists of lower division requirements that are mainly foundation courses and prepares students for more advanced upper division business courses. The second category consists of courses completed to meet university requirements in writing, quantitative and breadth areas, **the Beedie School of Business non-business elective requirement**, as well as a minimum of 36 units, outside of the Beedie School of Business\*. These first two categories should be completed during the first 60 units.

In the third category, students choose courses that are based on intellectual interest or to achieve academic goals.

The last 60 units of the degree program consist of the core upper division business courses, at least one area of concentration, and lower and upper division electives. In total, students will complete a minimum of 120 units, which must include at least 45 units of upper division coursework.

Students are also required to complete the Business Career Passport program, which consists of six workshops to prepare them for their careers.

\*Courses not labelled as BUS or BUEC that are completed as part of the lower division requirements may be used toward the 36 units outside business.

(...)

#### Lower Division Requirements

Students must complete all lower division required courses with a minimum C- grade.

Students complete one of

BUS 201 - Introduction to Business (3)<sup>^^</sup>

BUS 202 - Foundations of Business (3)<sup>^^</sup>

and all of

**BUS 100 - Professional Development - Launch (1) ^^**

BUS 217W - Critical Thinking in Business (3)

BUS 237 - Introduction to Business Technology Management (3)

BUS 251 - Financial Accounting I (3)

BUS 254 - Managerial Accounting I (3)

BUS 272 - Behaviour in Organizations (3)

ECON 103 - Principles of Microeconomics (4)

ECON 105 - Principles of Macroeconomics (4)

**^^ to be completed at Simon Fraser University.**

(...)

Upper Division Requirements

(...)

**CORE COURSES**

Students must complete all core courses with a minimum C- grade.

Students complete all of

**BUS 300 - Professional Development - Planning (1)^^**

BUS 303 - Business, Society and Ethics (3)

BUS 312 - Introduction to Finance (4)

~~BUS 336 - Data and Decisions II (4)~~

BUS 343 - Introduction to Marketing (3)

BUS 360W - Business Communication (4) ^

BUS 393 - Commercial Law (3)

BUS 478 - Strategy (3) ^^

**BUS 496 - Professional Development - Summit (1)^^**

(...)

Area of Concentration

Students choose one or more of the following areas of concentration and complete all the requirements as specified below.

Accounting

(...)

at least two\* of

BUS 420 - Advanced Accounting (3)

BUS 424 - Advanced Managerial Accounting (3)  
 BUS 426 - Auditing and Assurance: Concepts and Methods (3)  
 BUS 428 - Forensic Accounting and Data Analytics (3)  
 BUS 490 - Selected Topics in Business Administration (1) \*\*  
 BUS 491 - Selected Topics in Business Administration (2) \*\*  
 BUS 492 - Selected Topics in Business Administration (3) \*\*  
 BUS 493 - Selected Topics in Business Administration (3) \*\*  
 BUS 494 - Selected Topics in Business Administration (3) \*\*  
 BUS 495 - Selected Topics in Business Administration (4) \*\*  
~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

\*Must be completed at SFU.

\*\* When offered as a selected topics course in Accounting.

#### Innovation and Entrepreneurship

(...)

and one of

BUS 339 - Make Change Studio II - Iteration and Prototyping (4)  
 BUS 406 - Startup Accelerator (3)  
 BUS 443 - New Product Development and Design (3)  
 BUS 450 - Managing Emerging Opportunities (3)  
 BUS 453 - Sustainable Innovation (3)  
 BUS 490 - Selected Topics in Business Administration (1) \*\*  
 BUS 491 - Selected Topics in Business Administration (2) \*\*  
 BUS 492 - Selected Topics in Business Administration (3) \*\*  
 BUS 493 - Selected Topics in Business Administration (3) \*\*  
 BUS 494 - Selected Topics in Business Administration (3) \*\*  
 BUS 495 - Selected Topics in Business Administration (4) \*\*  
~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

\*\* When offered as a selected topics course in Innovation and Entrepreneurship.

#### Finance

(...)

and two of

BUS 410 - Financial Institutions (3)  
 BUS 411 - Fixed Income Security Analysis and Valuation (3)  
 BUS 413 - Corporate Finance (3)  
 BUS 414 - Real Estate Investments (3)  
 BUS 415 - Applied Portfolio Management (3)  
 BUS 417 - Security Analysis (3)  
 BUS 418 - International Financial Management (3)  
 BUS 419 - Advanced Derivative Securities (3)

BUS 490 - Selected Topics in Business Administration (1) \*\*  
 BUS 491 - Selected Topics in Business Administration (2) \*\*  
 BUS 492 - Selected Topics in Business Administration (3) \*\*  
 BUS 493 - Selected Topics in Business Administration (3) \*\*  
 BUS 494 - Selected Topics in Business Administration (3) \*\*  
 BUS 495 - Selected Topics in Business Administration (4) \*\*  
~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

\*\* When offered as a selected topics course in Finance.

Human Resource Management

(...)

and three of

BUS 432 - International Human Resource Management (3)  
 BUS 481 - Recruitment and Selection (3)  
 BUS 482 - Performance Management (3)  
 BUS 483 - Introduction to Employment Law For Business (3)  
 BUS 484 - Employment Systems (3)  
 BUS 485 - Negotiations and Conflict Management (3)  
 BUS 486 - Leadership (3)  
 BUS 487 - Organizational Development and Change Management (3)  
 BUS 488 - Group Dynamics and Teamwork (3)  
 BUS 489 - Management Practices for Sustainability (3)  
 BUS 490 - Selected Topics in Business Administration (1) \*\*  
 BUS 491 - Selected Topics in Business Administration (2) \*\*  
 BUS 492 - Selected Topics in Business Administration (3) \*\*  
 BUS 493 - Selected Topics in Business Administration (3) \*\*  
 BUS 494 - Selected Topics in Business Administration (3) \*\*  
 BUS 495 - Selected Topics in Business Administration (4) \*\*  
~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

(...)

International Business

(...)

and three of

BUS 418 - International Financial Management (3)  
 BUS 430 - Cross-Cultural Management (3)  
 BUS 431 - Business with East Asian Countries (3)  
 BUS 432 - International Human Resource Management (3)  
 BUS 434 - Foreign Market Entry (3)  
 BUS 435 - Management of International Firms (3)

BUS 447 - Global Marketing Management (3)  
 BUS 490 - Selected Topics in Business Administration (1) \*\*  
 BUS 491 - Selected Topics in Business Administration (2) \*\*  
 BUS 492 - Selected Topics in Business Administration (3) \*\*  
 BUS 493 - Selected Topics in Business Administration (3) \*\*  
 BUS 494 - Selected Topics in Business Administration (3) \*\*  
 BUS 495 - Selected Topics in Business Administration (4) \*\*  
~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

(...)

Management Information Systems

(...)

and two of

BUS 462 - Business Analytics (3)  
 BUS 464 - Business Data Management (3)  
 BUS 465 - Business Systems Development (3)  
 BUS 466 - Web-Enabled Business (3)  
 BUS 490 - Selected Topics in Business Administration (1) \*\*  
 BUS 491 - Selected Topics in Business Administration (2) \*\*  
 BUS 492 - Selected Topics in Business Administration (3) \*\*  
 BUS 493 - Selected Topics in Business Administration (3) \*\*  
 BUS 494 - Selected Topics in Business Administration (3) \*\*  
 BUS 495 - Selected Topics in Business Administration (4) \*\*  
~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

\*\* When offered as a selected topics course in Management Information Systems.

Operations Management

(...)

and two of

BUS 437 - Decision Analysis in Business (3)  
 BUS 440 - Simulation in Management Decision-making (4)  
 BUS 445 - Customer Analytics (3)  
 BUS 474 - Supply Chain Management (3)  
 BUS 475 - Sustainable Operations (3)  
 BUS 490 - Selected Topics in Business Administration (1) \*\*  
 BUS 491 - Selected Topics in Business Administration (2) \*\*  
 BUS 492 - Selected Topics in Business Administration (3) \*\*  
 BUS 493 - Selected Topics in Business Administration (3) \*\*  
 BUS 494 - Selected Topics in Business Administration (3) \*\*  
 BUS 495 - Selected Topics in Business Administration (4) \*\*

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

\*\* When offered as a selected topics course in Operations Management

Marketing

(...)

and three of

BUS 441 - Web Analytics (3)

BUS 443 - New Product Development and Design (3)

BUS 444 - Business to Business Marketing (3)

BUS 445 - Customer Analytics (3)

BUS 446 - Marketing Strategy in Sports, Entertainment and Other Creative Industries (3)

BUS 447 - Global Marketing Management (3)

BUS 448 - Integrated Marketing Communications (3)

BUS 449 - Ethical Issues in Marketing (3)

BUS 455 - Product & Brand Management (3)

BUS 459 - Services Marketing (3)

BUS 490 - Selected Topics in Business Administration (1) \*\*

BUS 491 - Selected Topics in Business Administration (2) \*\*

BUS 492 - Selected Topics in Business Administration (3) \*\*

BUS 493 - Selected Topics in Business Administration (3) \*\*

BUS 494 - Selected Topics in Business Administration (3) \*\*

BUS 495 - Selected Topics in Business Administration (4) \*\*

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

\*\* When offered as a selected topics course in Marketing.

Strategic Analysis

(...)

and three of

BUS 307 - Business Applications of Game Theory (3)

BUS 371 - Critical Thinking Through Business Case Analysis (3)

BUS 471 - Strategic Decision Making (3)

BUS 479 - Strategy Analysis Practicum (3)

BUS 490 - Selected Topics in Business Administration (1) \*\*

BUS 491 - Selected Topics in Business Administration (2) \*\*

BUS 492 - Selected Topics in Business Administration (3) \*\*

BUS 493 - Selected Topics in Business Administration (3) \*\*

BUS 494 - Selected Topics in Business Administration (3) \*\*

BUS 495 - Selected Topics in Business Administration (4) \*\*

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

Students concentrating in Strategic Analysis are strongly advised to consider combining it with another business concentration.

\*\* When offered as a selected topics course in Strategic Analysis.

Writing, Quantitative, and Breadth Requirements  
(...)

### **Beedie School of Business Non-Business Elective Requirements**

**Students admitted to the BBA program for the Fall 2022 term onwards are required to complete a minimum of 3 units, outside of the Beedie School of Business that offers Indigenous perspective.**

**Students must complete a minimum of 3 units from the following list of courses\*:**

- INDG 101 - Introduction to Indigenous Studies (3)**
- INDG 102 - Indigenous Academic Research (4)**
- INDG 110W - International Indigenous Lifewriting (4)**
- INDG 201(W) - Indigenous People's Perspectives on History (3)**
- ENGL 360 - Popular Writing by Indigenous Authors (4)**
- REM 207 Indigenous Peoples and Resource Management (3)**

**\*Students may satisfy this requirement by transferring 3 unspecified units in INDG at any level.**

Business Career Passport Requirements  
(...)



**Name of Program or Name of Faculty**

Beedie School of Business – Bachelor of Business Administration

**Rationale for change:**

1. The Beedie School of Business (BsB) has gone through a program review to ensure program alignment with the school’s calling. The review process established Program Level Learning Goals that reflected the calling and mapped the current curriculum against those learning goals. The review process identified gaps within the program and the different business areas within BsB modified courses or proposed new courses to better align the BBA to the school’s calling.

2. In response to the 2019 to 2021 Beedie School of Business (BsB) Undergraduate Program Review and the growing call for the indigenization of SFU’s curricula, the BsB Undergraduate Program Review Project Team is proposing the BsB Non-Business Elective Requirements for the undergraduate Business Major and Business Honours program.

This requirement is an elaboration of the current BBA requirement for students to complete a minimum of 36 units outside of the BsB and will direct students to learning experiences, outside of business that offers an Indigenous perspective.

3. Removing BUS 496 - The Beedie School of Business has undergone a program review to bring the BBA in alignment with the calling. One of the program changes includes the implementation of three Professional Development courses: Launch, Planning, Summit.

To implement, BUS 496 - Selected Topics in Business Administration (5) is being modified to BUS 496 – Professional Development – Summit (1).

As BUS 496 is no longer a selected topics course, this program modification is being put forward to remove BUS 496 - Selected Topics in Business Administration (5) from all program requirements.

**Effective term and year:**

Fall 2022

**The following program(s) will be affected by these changes:**

**Honours:**

Bachelor of Business Administration

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

**Honours: Bachelor of Business Administration**

Students admitted to the Beedie School of Business for the Fall 2017 term onwards must complete the Business Foundation Program within their first year.

Students will complete mainly non-business courses during the first 60 units of the program, completing three categories of courses. The first category consists of lower division requirements that are mainly foundation courses, which prepares students for more advanced upper division business courses. The second category consists of courses completed to meet university requirements in writing, quantitative and breadth, **the Beedie School of Business non-business elective requirement**, as well as a minimum of 36 units, outside of the Beedie School of Business\*. The first two categories should be completed during the first 60 units.

In the third category, students choose courses that are based on intellectual interest or to achieve academic goals. The last 72 units of the degree program consists of the completion of the core upper division business courses, at least one area of concentration, lower and upper division electives, and an additional 12 units of 400 division BUS courses. In total, students will complete a minimum of 132 units, which must include at least 60 units of upper division coursework.

Students are also required to complete the Business Career Passport program, which consists of six workshops to prepare them for their careers.

\*Courses not labelled as BUS or BUEC that are completed as part of the lower division requirements may be used toward the 36 units outside business.

(...)

## Lower Division Requirements

Students complete one of\*

BUS 201 - Introduction to Business (3) ††

BUS 202 - Foundations of Business (3) ††

and all of

**BUS 100 – Professional Development – Launch (1) ††**

BUS 217W - Critical Thinking in Business (3)

BUS 237 - Introduction to Business Technology Management (3)

BUS 251 - Financial Accounting I (3)

BUS 254 - Managerial Accounting I (3)

BUS 272 - Behaviour in Organizations (3)

ECON 103 - Principles of Microeconomics (4)

ECON 105 - Principles of Macroeconomics (4)

†† **To be completed at Simon Fraser University**

(...)

Upper Division Requirements

(...)

Core Courses

Students complete all of

**BUS 300 - Professional Development - Planning (1)††**

BUS 303 - Business, Society and Ethics (3)

BUS 312 - Introduction to Finance (4)

~~BUS 336 - Data and Decisions II (4)~~

BUS 343 - Introduction to Marketing (3)

BUS 360W - Business Communication (4) †

BUS 393 - Commercial Law (3)

BUS 478 - Strategy (3) ††

**BUS 496 - Professional Development - Summit (1)††**

(...)

Areas of Concentration

Students choose one or more of the following areas of concentration and complete all the requirements as specified below.

Accounting

(...)

At least two\* of

BUS 420 - Advanced Accounting (3)

BUS 424 - Advanced Managerial Accounting (3)

BUS 426 - Auditing and Assurance: Concepts and Methods (3)

BUS 428 - Forensic Accounting and Data Analytics (3)

BUS 490 - Selected Topics in Business Administration (1) \*\*

BUS 491 - Selected Topics in Business Administration (2) \*\*

BUS 492 - Selected Topics in Business Administration (3) \*\*

BUS 493 - Selected Topics in Business Administration (3) \*\*

BUS 494 - Selected Topics in Business Administration (3) \*\*

BUS 495 - Selected Topics in Business Administration (4) \*\*

~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

\*Must be completed at SFU.

\*\* When offered as a selected topics course in Accounting.

Innovation and Entrepreneurship

(...)

and one of

BUS 339 - Make Change Studio II - Iteration and Prototyping (4)

BUS 406 - Startup Accelerator (3)

BUS 443 - New Product Development and Design (3)

BUS 450 - Managing Emerging Opportunities (3)

BUS 453 - Sustainable Innovation (3)

BUS 490 - Selected Topics in Business Administration (1) \*\*

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BUS 494 - Selected Topics in Business Administration (3) \*\*

BUS 495 - Selected Topics in Business Administration (4) \*\*

~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

\*\* When offered as a selected topics course in Innovation and Entrepreneurship.

Finance

(...)

and two of

BUS 410 - Financial Institutions (3)

BUS 413 - Corporate Finance (3)

BUS 414 - Real Estate Investments (3)

BUS 415 - Applied Portfolio Management (3)

BUS 417 - Security Analysis (3)

BUS 418 - International Financial Management (3)

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BUS 490 - Selected Topics in Business Administration (1) \*\*

BUS 491 - Selected Topics in Business Administration (2) \*\*

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BUS 493 - Selected Topics in Business Administration (3) \*\*

BUS 494 - Selected Topics in Business Administration (3) \*\*

BUS 495 - Selected Topics in Business Administration (4) \*\*

~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

\*\* When offered as a selected topics course in Finance.

Human Resource Management

(...)

and three of

BUS 432 - International Human Resource Management (3)

BUS 481 - Recruitment and Selection (3)

BUS 482 - Performance Management (3)

BUS 483 - Introduction to Employment Law For Business (3)

BUS 484 - Employment Systems (3)

BUS 485 - Negotiations and Conflict Management (3)

BUS 486 - Leadership (3)

BUS 487 - Organizational Development and Change Management (3)

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BUS 489 - Management Practices for Sustainability (3)

BUS 490 - Selected Topics in Business Administration (1) \*\*

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BUS 494 - Selected Topics in Business Administration (3) \*\*

BUS 495 - Selected Topics in Business Administration (4) \*\*

~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

(...)

International Business

(...)

and three of

BUS 418 - International Financial Management (3)

BUS 430 - Cross-Cultural Management (3)

BUS 431 - Business with East Asian Countries (3)

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BUS 493 - Selected Topics in Business Administration (3) \*\*

BUS 494 - Selected Topics in Business Administration (3) \*\*

BUS 495 - Selected Topics in Business Administration (4) \*\*

~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

(...)

Management Information Systems

(...)

and two of

- BUS 462 - Business Analytics (3)
- BUS 464 - Business Data Management (3)
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- BUS 495 - Selected Topics in Business Administration (4) \*\*
- ~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

\*\* When offered as a selected topics course in Management Information.

Operations Management

(...)

and two of

- BUS 437 - Decision Analysis in Business (3)
- BUS 440 - Simulation in Management Decision-making (4)
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- BUS 494 - Selected Topics in Business Administration (3) \*\*
- BUS 495 - Selected Topics in Business Administration (4) \*\*
- ~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

\*\* When offered as a selected topics course in Operations Management.

Marketing

(...)

and three of

- BUS 441 - Web Analytics (3)
- BUS 443 - New Product Development and Design (3)

BUS 444 - Business to Business Marketing (3)  
 BUS 445 - Customer Analytics (3)  
 BUS 446 - Marketing Strategy in Sports, Entertainment and Other Creative Industries (3)  
 BUS 447 - Global Marketing Management (3)  
 BUS 448 - Integrated Marketing Communications (3)  
 BUS 449 - Ethical Issues in Marketing (3)  
 BUS 455 - Product & Brand Management (3)  
 BUS 459 - Services Marketing (3)  
 BUS 490 - Selected Topics in Business Administration (1) \*\*  
 BUS 491 - Selected Topics in Business Administration (2) \*\*  
 BUS 492 - Selected Topics in Business Administration (3) \*\*  
 BUS 493 - Selected Topics in Business Administration (3) \*\*  
 BUS 494 - Selected Topics in Business Administration (3) \*\*  
 BUS 495 - Selected Topics in Business Administration (4) \*\*  
~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

\*\* When offered as a selected topics course in Marketing.

Strategic Analysis

(...)

and three of

BUS 307 - Business Applications of Game Theory (3)  
 BUS 371 - Critical Thinking Through Business Case Analysis (3)  
 BUS 471 - Strategic Decision Making (3)  
 BUS 479 - Strategy Analysis Practicum (3)  
 BUS 490 - Selected Topics in Business Administration (1) \*\*  
 BUS 491 - Selected Topics in Business Administration (2) \*\*  
 BUS 492 - Selected Topics in Business Administration (3) \*\*  
 BUS 493 - Selected Topics in Business Administration (3) \*\*  
 BUS 494 - Selected Topics in Business Administration (3) \*\*  
 BUS 495 - Selected Topics in Business Administration (4) \*\*  
~~BUS 496 - Selected Topics in Business Administration (5) \*\*~~

Students concentrating in Strategic Analysis are strongly advised to consider combining it with another business concentration.

\*\* When offered as a selected topics course in Strategic Analysis.

Writing, Quantitative, and Breadth Requirements

(...)

**Beedie School of Business Non-Business Elective Requirements**

**Students admitted to the BBA program for the Fall 2022 term onwards are required to complete a minimum of 3 units, outside of the Beedie School of Business that offers Indigenous perspective.**

**Students must complete a minimum of 3 units from the following list of courses\*:**

**INDG 101 - Introduction to Indigenous Studies (3)**

**INDG 102 - Indigenous Academic Research (4)**

**INDG 110W - International Indigenous Lifewriting (4)**

**INDG 201(W) - Indigenous People's Perspectives on History (3)**

**ENGL 360 - Popular Writing by Indigenous Authors (4)**

**REM 207 Indigenous Peoples and Resource Management (3)**

**\*Students may satisfy this requirement by transferring 3 unspecified units in INDG at any level.**

Business Career Passport Requirements

(...)



<b>Name of Program or Name of Faculty</b> Beedie School of Business – Bachelor of Business Administration
<b>Rationale for change:</b>  Removing BUS 496 The Beedie School of Business has undergone a program review to bring the BBA in alignment with the calling. One of the program changes includes the implementation of three Professional Development courses: Launch, Planning, Summit.  To implement, BUS 496 - Selected Topics in Business Administration (5) is being modified to BUS 496 – Professional Development – Summit (1).  As BUS 496 is no longer a selected topics course, this program modification is being put forward to remove BUS 496 - Selected Topics in Business Administration (5) from all program requirements.
<b>Effective term and year:</b> Fall 2022
<b>The following program(s) will be affected by these changes:</b> <ul style="list-style-type: none"><li>• Business Technology Management Certificate</li><li>• Innovation and Entrepreneurship Certificate</li><li>• International Experiential Learning Certificate</li></ul>

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

<u>Business Technology Management Certificate</u> (...) Management Information Systems Specialization  BUS 465 - Business Systems Development (3)  and any two of  BUS 440 - Simulation in Management Decision-making (4) BUS 466 - Web-Enabled Business (3) BUS 486 - Leadership (3) BUS 490 - Selected Topics in Business Administration (1) *
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BUS 491 - Selected Topics in Business Administration (2) \*  
 BUS 492 - Selected Topics in Business Administration (3) \*  
 BUS 493 - Selected Topics in Business Administration (3) \*  
 BUS 494 - Selected Topics in Business Administration (3) \*  
 BUS 495 - Selected Topics in Business Administration (4) \*  
~~BUS 496 - Selected Topics in Business Administration (5) \*~~

(...)

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Innovation and Entrepreneurship Certificate

(...)

Elective Coursework

Students# will complete two of\*

BISC 373 - Brewing Science (3) or BISC 374 - Brewing Science with Lab (3)  
 BUS 291 - Selected Topics in Business Administration (3) \*\*\*  
 BUS 292 - Selected Topics in Business Administration (3) \*\*\*  
 BUS 339 - Make Change Studio II - Iteration and Prototyping (4)  
 BUS 406 - Startup Accelerator (3)  
 BUS 443 - New Product Development and Design (3)  
 BUS 450 - Managing Emerging Opportunities (3)  
 BUS 453 - Sustainable Innovation (3)  
 BUS 490 - Selected Topics in Business Administration (1) \*\*\*  
 BUS 491 - Selected Topics in Business Administration (2) \*\*\*  
 BUS 492 - Selected Topics in Business Administration (3) \*\*\*  
 BUS 493 - Selected Topics in Business Administration (3) \*\*\*  
 BUS 494 - Selected Topics in Business Administration (3) \*\*\*  
 BUS 495 - Selected Topics in Business Administration (4) \*\*\*  
~~BUS 496 - Selected Topics in Business Administration (5) \*\*\*~~  
 CA 381 - Thriving as a Cultural Entrepreneur (3)  
 CMNS 425 - Applied Communication for Social Issues (4)  
 CMPT 120 - Introduction to Computing Science and Programming I (3)  
 CMPT 320 - Social Implications - Computerized Society (3)  
 HSCI 130 - Foundations of Health Science (4)  
 HSCI 305 - The Canadian Health System (3)  
 HSCI 312 - Health Promotion: Individuals and Communities (3)  
 IAT 330 - Make Change Studio I: Introduction (3)  
 IAT 333 - Interaction Design Methods (3)  
 IAT 431 - Speculative Design (3)  
 IAT 481 - Special Topics in Interactive Arts and Technology (Science) (3)  
 MSE 110 - Mechatronics Design I (3) or MSE 111 - Mechatronics for non-Engineers (3)  
 POL 150 - Science, Policy, and Innovation (3)

POL 457W - Technology and Innovation Policy (4)  
 PUB 101 - Publication of Self in Everyday Life (3)  
 PUB 201 - The Publication of Professional Self (3)  
 PUB 212 - Public Relations and Public Engagement (3)  
 PUB 456 - Institutional and International Event Planning and Management (4)  
 (...)

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International Experiential Learning Certificate

(...)

Program Requirements

(...)

Plus one of

- BUS 418 - International Financial Management (3)
  - BUS 430 - Cross-Cultural Management (3)
  - BUS 431 - Business with East Asian Countries (3)
  - BUS 432 - International Human Resource Management (3)
  - BUS 434 - Foreign Market Entry (3)
  - BUS 435 - Management of International Firms (3)
  - BUS 447 - Global Marketing Management (3)
  - BUS 490 - Selected Topics in Business Administration (1) \*
  - BUS 491 - Selected Topics in Business Administration (2) \*
  - BUS 492 - Selected Topics in Business Administration (3) \*
  - BUS 493 - Selected Topics in Business Administration (3) \*
  - BUS 494 - Selected Topics in Business Administration (3) \*
  - BUS 495 - Selected Topics in Business Administration (4) \*
  - ~~BUS 496 - Selected Topics in Business Administration (5) \*~~
- \* When offered as a selected topics course in International Business



**Name of Program or Name of Faculty**

Beedie School of Business

**Rationale for change:**

1. The Beedie School of Business (BsB) has gone through a program review to ensure program alignment with the school's calling. The review process established Program Level Learning Goals that reflected the calling and mapped the current curriculum against those learning goals. The review process identified gaps within the program and the different business areas within BsB modified courses or proposed new courses to better align the BBA to the school's calling.

2. Removing BUS 496 - The Beedie School of Business has undergone a program review to bring the BBA in alignment with the calling. One of the program changes includes the implementation of three Professional Development courses: Launch, Planning, Summit.

To implement, BUS 496 - Selected Topics in Business Administration (5) is being modified to BUS 496 – Professional Development – Summit (1).

As BUS 496 is no longer a selected topics course, this program modification is being put forward to remove BUS 496 - Selected Topics in Business Administration (5) from all program requirements.

**Effective term and year:**

Fall 2022

**The following program(s) will be affected by these changes:**

**Major**

- Mechatronic Systems Engineering and Business Double Degree Program Bachelor of Applied Science and Bachelor of Business Administration

**Joint Major**

- Business and Communication Bachelor of Arts or Bachelor of Business Administration
- Business and Economics Bachelor of Arts or Bachelor of Business Administration
- Business and Geography Bachelor of Arts or Bachelor of Business Administration
- Business and Psychology Bachelor of Arts or Bachelor of Business Administration
- Business, Philosophy and the Law Bachelor of Arts or Bachelor of Business Administration
- Information Systems in Business Administration and Computing Science Bachelor of Business Administration or Bachelor of Science
- Interactive Arts and Technology and Business Bachelor of Arts or Bachelor of Business Administration
- Interactive Arts and Technology and Business Bachelor of Science
- Molecular Biology and Biochemistry and Business Administration Bachelor of Science
- Sustainable Business Bachelor of Business Administration or Bachelor of Environment

**Joint Honours**

- Business and Economics Bachelor of Arts or Bachelor of Business Administration
- Molecular Biology and Biochemistry and Business Administration Bachelor of Science

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

Mechatronic Systems Engineering and Business Double Degree Program  
Bachelor of Applied Science and Bachelor of Business Administration

(...)

Program Requirements

Students complete all of

- BUS 251 - Financial Accounting I (3)
- BUS 254 - Managerial Accounting I (3) \*\*
- BUS 272 - Behaviour in Organizations (3)
- BUS 312 - Introduction to Finance (4)
- ~~BUS 336 - Data and Decisions II (4)~~
- BUS 343 - Introduction to Marketing (3)
- BUS 360W - Business Communication (4) †
- BUS 381 - Introduction to Human Resource Management (3)
- BUS 393 - Commercial Law (3)
- BUS 478 - Strategy (3) \*\*
- BUS 232 - Business Statistics (3)
- CHEM 120 - General Chemistry I (3)
- CMPT 130 - Introduction to Computer Programming I (3)
- ECON 103 - Principles of Microeconomics (4)
- ECON 105 - Principles of Macroeconomics (4)
- MATH 151 - Calculus I (3)
- MATH 152 - Calculus II (3)
- MATH 232 - Applied Linear Algebra (3)
- MATH 251 - Calculus III (3)
- MATH 260 - Introduction to Ordinary Differential Equations (3)
- MSE 100 - Engineering Graphics and Design (3)
- MSE 101W - Process, Form, and Convention in Professional Genres (3)
- MSE 102 - Applied Science, Technology and Society (3)
- MSE 110 - Mechatronics Design I (3)
- MSE 210 - Engineering Measurement and Data Analysis (3)
- MSE 211 - Computational Methods for Engineers (3)
- MSE 220 - Engineering Materials (3)
- MSE 221 - Statics and Strength of Materials (4)
- MSE 222 - Kinematics and Dynamics of Rigid Bodies and Mechanisms (4)

MSE 223 - Introduction to Fluid Mechanics (4)  
 MSE 250 - Electric Circuits (4)  
 MSE 251 - Electronic Circuits (4)  
 MSE 280 - Linear Systems (3)  
 MSE 310 - Sensors and Actuators (4)  
 MSE 311 - Introduction to Microelectromechanical Systems (3)  
 MSE 312 - Mechatronics Design II (4) \*  
 MSE 320 - Machine Design (4)  
 MSE 321 - Engineering Thermodynamics and Heat Transfer (4)  
 MSE 352 - Digital Logic and Microcontrollers (4)  
 MSE 353 - Power Electronics and Electric Machinery (4)  
 MSE 380 - Systems Modeling and Simulation (3)  
 MSE 381 - Feedback Control Systems (4) \*  
 MSE 402 - Engineering Ethics, Law, and Professional Practice (2)  
 MSE 410 - Capstone Design Technical Project I (3)  
 MSE 411 - Capstone Design Technical Project II (3)  
 PHYS 140 - Studio Physics - Mechanics and Modern Physics (4)  
 PHYS 141 - Studio Physics - Optics, Electricity and Magnetism (4)

(...)

### Business Concentration Elective Courses

Students ~~also~~ **must** complete **at least** four upper division courses in a business concentration including at least three 400 division BUS courses, each worth a minimum of three units (~~not including~~ **excluding** BUS 425 ~~or~~ 478 **and practicum courses**). At least one of these 400 division BUS courses must be completed at Simon Fraser University. ~~Students may choose to complete one or more business concentrations by meeting the requirements listed.~~

### **BUSINESS CONCENTRATION REQUIREMENT**

**Students may choose to complete one or more business concentrations by meeting the concentration requirements listed on the Business Major page of the calendar.**

#### Accounting

~~Admission to this concentration requires a cumulative grade point average of 2.70 or higher. Students may apply once they have completed their lower division requirements and have either completed or enrolled in BUS 320. Students must have a minimum grade of C+ in BUS 320 before they are admitted to the concentration and BUS 320 may be repeated once for admission. Only students admitted to this concentration will be permitted to enroll in upper division (300- and 400-level) accounting courses required for this concentration (with the exception of BUS 320).~~

Students must complete all\* of

~~BUS 320 – Financial Accounting: Assets (3)~~  
~~BUS 321 – Financial Accounting: Equities (3)~~  
~~BUS 322 – Intermediate Managerial Accounting (3)~~  
~~BUS 421 – Accounting Theory (3)~~  
 At least two\* of

~~BUS 420 – Advanced Accounting (3)~~  
~~BUS 424 – Advanced Managerial Accounting (3)~~  
~~BUS 426 – Auditing and Assurance: Concepts and Methods (3)~~  
~~BUS 428 – Forensic Accounting and Data Analytics (3)~~  
~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~  
~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~  
~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~  
~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~  
 \*Must be completed at SFU.

\*\* When offered as a selected topics course in Accounting.

~~Innovation and Entrepreneurship~~  
 Students complete all of

~~BUS 314 – Resourcing New Ventures (3)~~  
~~BUS 338 – Foundations of Innovation (3)~~  
~~BUS 361 – Project Management (3)~~  
~~BUS 477 – Startup Experience (4)~~  
 and one of

~~BUS 339 – Make Change Studio II – Iteration and Prototyping (4)~~  
~~BUS 406 – Startup Accelerator (3)~~  
~~BUS 443 – New Product Development and Design (3)~~  
~~BUS 450 – Managing Emerging Opportunities (3)~~  
~~BUS 453 – Sustainable Innovation (3)~~  
~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~  
~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~  
~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~  
~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~\*\* When offered as a selected topics course in Innovation and Entrepreneurship.~~

~~Finance~~

~~Students complete all of the following required courses for this concentration~~

~~BUS 312 – Introduction to Finance (4)~~

~~BUS 315 – Investments (4)~~

~~BUS 316 – Derivative Securities (3)~~

~~and two of~~

~~BUS 410 – Financial Institutions (3)~~

~~BUS 411 – Fixed Income Security Analysis and Valuation (3)~~

~~BUS 413 – Corporate Finance (3)~~

~~BUS 414 – Real Estate Investments (3)~~

~~BUS 415 – Applied Portfolio Management (3)~~

~~BUS 417 – Security Analysis (3)~~

~~BUS 418 – International Financial Management (3)~~

~~BUS 419 – Advanced Derivative Securities (3)~~

~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~

~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~

~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~\*\* When offered as a selected topics course in Finance.~~

~~Human Resource Management~~

~~Students complete both of~~

~~BUS 374 – Organization Theory (3)~~

~~BUS 381 – Introduction to Human Resource Management (3)~~

~~and three of~~

~~BUS 432 – International Human Resource Management (3)~~

~~BUS 481 – Recruitment and Selection (3)~~

~~BUS 482 – Performance Management (3)~~

~~BUS 483 – Introduction to Employment Law For Business (3)~~

~~BUS 484 – Employment Systems (3)~~

~~BUS 485 – Negotiations and Conflict Management (3)~~

~~BUS 486 – Leadership (3)~~

~~BUS 487 – Organizational Development and Change Management (3)~~

~~BUS 488 – Group Dynamics and Teamwork (3)~~

~~BUS 489 – Management Practices for Sustainability (3)~~

~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~



~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~  
~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~  
~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

**OPTION A**

It is recommended that students who wish to become a personnel specialist in a human resource function complete three of

~~BUS 432 – International Human Resource Management (3)~~  
~~BUS 481 – Recruitment and Selection (3)~~  
~~BUS 482 – Performance Management (3)~~  
~~BUS 483 – Introduction to Employment Law For Business (3)~~  
~~BUS 484 – Employment Systems (3)~~

**OPTION B**

It is recommended that students who wish to develop skills in managing people, including employment systems design, change and organizational leadership, complete three of

~~BUS 485 – Negotiations and Conflict Management (3)~~  
~~BUS 486 – Leadership (3)~~  
~~BUS 487 – Organizational Development and Change Management (3)~~  
~~BUS 488 – Group Dynamics and Teamwork (3)~~  
~~BUS 489 – Management Practices for Sustainability (3)~~

~~\*\* When offered as a selected topics course in Human Resource Management.~~

**International Business**

Students complete the following required courses for this concentration including

~~BUS 346 – Global Business Environment (3)~~  
and three of

~~BUS 418 – International Financial Management (3)~~  
~~BUS 430 – Cross-Cultural Management (3)~~  
~~BUS 431 – Business with East Asian Countries (3)~~  
~~BUS 432 – International Human Resource Management (3)~~  
~~BUS 434 – Foreign Market Entry (3)~~  
~~BUS 435 – Management of International Firms (3)~~  
~~BUS 447 – Global Marketing Management (3)~~  
~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~  
~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~  
~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~



~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~Other upper division courses deemed to have significant international business relevance may, with prior faculty permission, be substituted for the above courses. These may be offered in another faculty. Students concentrating in international business are strongly advised to consider combining it with another business concentration.~~

~~\*\* When offered as a selected topics course in International Business.~~

#### ~~Management Information Systems~~

~~Students complete all of~~

~~BUS 361 – Project Management (3)~~

~~BUS 362 – Business Process Analysis (4)~~

~~BUS 468 – Managing Information Technology for Business Value (3)  
and two of~~

~~BUS 462 – Business Analytics (3)~~

~~BUS 464 – Business Data Management (3)~~

~~BUS 465 – Business Systems Development (3)~~

~~BUS 466 – Web-Enabled Business (3)~~

~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~

~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~

~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~\*\* When offered as a selected topics course in Management Information Systems.~~

#### ~~Operations Management~~

~~Students complete both of~~

~~BUS 336 – Data and Decisions II (4)~~

~~BUS 473 – Operations Management (4)~~

~~and two of~~

~~BUS 437 – Decision Analysis in Business (3)~~

~~BUS 440 – Simulation in Management Decision-making (4)~~

~~BUS 445 – Customer Analytics (3)~~

~~BUS 474 – Supply Chain Management (3)~~

~~BUS 475 – Sustainable Operations (3)~~

~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~

~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~

~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~\*\* When offered as a selected topics course in Operations Management.~~

**Marketing**

Students complete all of

~~BUS 343 – Introduction to Marketing (3)~~

~~BUS 345 – Marketing Research (3)~~

~~BUS 347 – Consumer Behaviour (3)~~

and three of

~~BUS 441 – Web Analytics (3)~~

~~BUS 443 – New Product Development and Design (3)~~

~~BUS 444 – Business to Business Marketing (3)~~

~~BUS 445 – Customer Analytics (3)~~

~~BUS 446 – Marketing Strategy in Sports, Entertainment and Other Creative Industries (3)~~

~~BUS 447 – Global Marketing Management (3)~~

~~BUS 448 – Integrated Marketing Communications (3)~~

~~BUS 449 – Ethical Issues in Marketing (3)~~

~~BUS 455 – Product & Brand Management (3)~~

~~BUS 459 – Services Marketing (3)~~

~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~

~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~

~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~\*\* When offered as a selected topics course in Marketing.~~

**Strategic Analysis**

For this concentration, students complete

~~BUS 478 – Strategy (3)~~

and three of

~~BUS 307 – Business Applications of Game Theory (3)~~

~~BUS 371 – Critical Thinking Through Business Case Analysis (3)~~

~~BUS 471 – Strategic Decision Making (3)~~

~~BUS 479 – Strategy Analysis Practicum (3)~~



~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~

~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~

~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~Students concentrating in Strategic Analysis are strongly advised to consider combining it with another business concentration.~~

~~\*\* When offered as a selected topics course in Strategic Analysis~~

~~(...)~~

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## Business and Communication Joint Major Bachelor of Arts or Bachelor of Business Administration

(...)

### Lower Division Requirements

#### Business Lower Division Requirements

(...)

~~It is recommended that students complete BUS 202 – Foundations for Collaborative Work Environments(3) in order to ensure they possess the foundational skills in communication and collaboration necessary for successful completion of upper division business coursework. Students wishing to enroll in BUS 202 should consult with an Undergraduate Academic Advisor in the Beedie School of Business.~~

(...)

### Upper Division Requirements

#### Business Upper Division Requirements

~~Students complete at least 32 upper division units in BUS courses including the business core courses, and the marketing courses specified below. Students may choose to complete one or more business concentrations by meeting the concentration requirements listed on the business major page of the calendar.~~

#### Business Core Courses

~~The Beedie School of Business core courses must be completed as listed below. Students complete all of~~

~~BUS 303 - Business, Society and Ethics (3)  
BUS 312 - Introduction to Finance (4)  
BUS 336 - Data and Decisions II (4)  
BUS 393 - Commercial Law (3)  
BUS 478 - Strategy (3) ^~~

~~(...)~~

~~^ To **Must** be completed at Simon Fraser University.~~

### ~~Marketing Required Courses~~

~~(...)~~

~~and one of~~

~~BUS 441 - Web Analytics (3)  
BUS 443 - New Product Development and Design (3)  
BUS 444 - Business to Business Marketing (3)  
BUS 445 - Customer Analytics (3)  
BUS 446 - Marketing Strategy in Sports, Entertainment and Other Creative Industries (3)  
BUS 447 - Global Marketing Management (3)  
BUS 448 - Integrated Marketing Communications (3)  
BUS 449 - Ethical Issues in Marketing (3)  
BUS 455 - Product & Brand Management (3)  
BUS 459 - Services Marketing (3)  
BUS 490 - Selected Topics in Business Administration (1) \*\*  
BUS 491 - Selected Topics in Business Administration (2) \*\*  
BUS 492 - Selected Topics in Business Administration (3) \*  
BUS 493 - Selected Topics in Business Administration (3) \*\*  
BUS 494 - Selected Topics in Business Administration (3) \*\*  
BUS 495 - Selected Topics in Business Administration (4) \*\*  
BUS 496 - Selected Topics in Business Administration (5) \*\*~~

~~\*\* When offered as a selected topics course in Marketing.~~

### **BUSINESS 400 DIVISION REQUIREMENT**

**Students must complete at least one 400 division BUS course worth a minimum of three units, chosen from the marketing concentration listed under the Business Major program.**

## BUSINESS CONCENTRATION REQUIREMENT

**Students may choose to complete one or more business concentrations by meeting the concentration requirements listed on the Business Major page of the calendar.**

(...)

### Business and Economics Joint Major Bachelor of Arts or Bachelor of Business Administration

(...)

#### Program Requirements

Students complete 120 units, as specified below.

#### Lower Division Requirements

(...)

~~It is recommended that students complete BUS 202 – Foundations for Collaborative Work Environments (3) in order to ensure they possess the foundational skills in communication and collaboration necessary for successful completion of upper division business coursework. Students wishing to register in BUS 202 should consult with an Undergraduate Academic Advisor in the Beedie School of Business.~~

(...)

### Business Upper Division Requirements

#### CORE COURSES

~~Students complete at least 29 upper division units in BUS courses, including all of~~

~~BUS 312 - Introduction to Finance (4)~~

~~BUS 336 – Data and Decisions II (4)~~

~~BUS 343 - Introduction to Marketing (3)~~

~~BUS 393 - Commercial Law (3)~~

~~BUS 478 - Strategy (3) ^~~

(...)

**^ Must be completed at Simon Fraser University.**

#### BUSINESS 400 DIVISION REQUIREMENT

Students complete two 400 division BUS courses, each worth a minimum of three units (excluding ~~practicum courses and BUS 478 and practicum courses~~).

~~^ To be completed at Simon Fraser University.~~

~~Areas of Concentration~~

### **BUSINESS CONCENTRATION REQUIREMENT**

Beyond the core course requirements listed above, students **must** complete **at least** three courses within a single area of concentration, ~~as shown below.~~

Students may choose to complete one or more business concentrations by meeting the requirements listed **under the Business Major program.**

~~Accounting~~

~~Admission to this concentration requires a cumulative grade point average of 2.70 or higher. Students may apply once they have completed their lower division requirements and have either completed or enrolled in BUS 320. Students must have a minimum grade of C+ in BUS 320 before they are admitted to the concentration and BUS 320 may be repeated once for admission. Only students admitted to this concentration will be permitted to enroll in upper division (300- and 400-level) accounting courses required for this concentration (with the exception of BUS 320).~~

~~Students must complete all\* of~~

~~BUS 320 – Financial Accounting: Assets (3)  
BUS 321 – Financial Accounting: Equities (3)  
BUS 322 – Intermediate Managerial Accounting (3)  
BUS 421 – Accounting Theory (3)~~

~~At least two\* of~~

~~BUS 420 – Advanced Accounting (3)  
BUS 424 – Advanced Managerial Accounting (3)  
BUS 426 – Auditing and Assurance: Concepts and Methods (3)  
BUS 428 – Forensic Accounting and Data Analytics (3)  
BUS 490 – Selected Topics in Business Administration (1) \*\*  
BUS 491 – Selected Topics in Business Administration (2) \*\*  
BUS 492 – Selected Topics in Business Administration (3) \*\*  
BUS 493 – Selected Topics in Business Administration (3) \*\*  
BUS 494 – Selected Topics in Business Administration (3) \*\*  
BUS 495 – Selected Topics in Business Administration (4) \*\*  
BUS 496 – Selected Topics in Business Administration (5) \*\*~~



~~\* Must be completed at SFU.~~

~~\*\* When offered as a selected topics course in Accounting.~~

~~Innovation and Entrepreneurship~~

~~For this concentration, students complete all of~~

~~BUS 314 – Resourcing New Ventures (3)~~

~~BUS 338 – Foundations of Innovation (3)~~

~~BUS 361 – Project Management (3)~~

~~BUS 477 – Startup Experience (4)~~

~~and one of~~

~~BUS 339 – Make Change Studio II – Iteration and Prototyping (4)~~

~~BUS 406 – Startup Accelerator (3)~~

~~BUS 443 – New Product Development and Design (3)~~

~~BUS 450 – Managing Emerging Opportunities (3)~~

~~BUS 453 – Sustainable Innovation (3)~~

~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~

~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~

~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~\*\* When offered as a selected topics course in Innovation and Entrepreneurship.~~

~~Finance~~

~~For this concentration, students complete all of~~

~~BUS 312 – Introduction to Finance (4)~~

~~BUS 315 – Investments (4)~~

~~BUS 316 – Derivative Securities (3)~~

~~and two of~~

~~BUS 410 – Financial Institutions (3)~~

~~BUS 411 – Fixed Income Security Analysis and Valuation (3)~~

~~BUS 413 – Corporate Finance (3)~~

~~BUS 414 – Real Estate Investments (3)~~

~~BUS 415 – Applied Portfolio Management (3)~~

~~BUS 417 – Security Analysis (3)~~

~~BUS 418 – International Financial Management (3)~~

~~BUS 419 – Advanced Derivative Securities (3)~~

~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~

~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~



~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~  
~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~  
~~\*\* When offered as a selected topics course in Finance.~~

#### Human Resource Management

For this concentration, students complete both of

~~BUS 374 – Organization Theory (3)~~  
~~BUS 381 – Introduction to Human Resource Management (3)~~  
and three of

~~BUS 432 – International Human Resource Management (3)~~  
~~BUS 481 – Recruitment and Selection (3)~~  
~~BUS 482 – Performance Management (3)~~  
~~BUS 483 – Introduction to Employment Law For Business (3)~~  
~~BUS 484 – Employment Systems (3)~~  
~~BUS 485 – Negotiations and Conflict Management (3)~~  
~~BUS 486 – Leadership (3)~~  
~~BUS 487 – Organizational Development and Change Management (3)~~  
~~BUS 488 – Group Dynamics and Teamwork (3)~~  
~~BUS 489 – Management Practices for Sustainability (3)~~  
~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~  
~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~  
~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~  
~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

#### OPTION A

It is recommended that students who wish to become a personnel specialist in a human resource function complete three of

~~BUS 432 – International Human Resource Management (3)~~  
~~BUS 481 – Recruitment and Selection (3)~~  
~~BUS 482 – Performance Management (3)~~  
~~BUS 484 – Employment Systems (3)~~

#### OPTION B

It is recommended that students who wish to develop skills in managing people, including employment systems design, change and organizational leadership, complete three of

~~BUS 485 – Negotiations and Conflict Management (3)~~



~~BUS 486 – Leadership (3)~~

~~BUS 487 – Organizational Development and Change Management (3)~~

~~BUS 488 – Group Dynamics and Teamwork (3)~~

~~BUS 489 – Management Practices for Sustainability (3)~~

~~\*\* When offered as a selected topics course in Human Resource Management.~~

#### ~~International Business~~

~~For this concentration, students complete~~

~~BUS 346 – Global Business Environment (3)  
and three of~~

~~BUS 418 – International Financial Management (3)~~

~~BUS 430 – Cross-Cultural Management (3)~~

~~BUS 431 – Business with East Asian Countries (3)~~

~~BUS 432 – International Human Resource Management (3)~~

~~BUS 434 – Foreign Market Entry (3)~~

~~BUS 435 – Management of International Firms (3)~~

~~BUS 447 – Global Marketing Management (3)~~

~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~

~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~

~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~Other 400 division courses deemed to have significant international business relevance may, with prior faculty permission, be substituted for the above 400 division courses. These may be offered in another faculty. A course substitution for International Business cannot be used for any other concentration.~~

~~Students concentrating in international business are strongly advised to consider combining it with another business concentration.~~

#### ~~Management Information Systems~~

~~For this concentration, students complete all of~~

~~BUS 361 – Project Management (3)~~

~~BUS 362 – Business Process Analysis (4)~~

~~BUS 468 – Managing Information Technology for Business Value (3)  
and two of~~

~~BUS 462 – Business Analytics (3)~~

~~BUS 464 – Business Data Management (3)~~

~~BUS 465 – Business Systems Development (3)~~  
~~BUS 466 – Web Enabled Business (3)~~  
~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~  
~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~  
~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~  
~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~  
 \*\* When offered as a selected topics course in Management Information Systems.

~~Operations Management~~

~~For this concentration, students complete both of~~

~~BUS 336 – Data and Decisions II (4)~~  
~~BUS 473 – Operations Management (4)~~  
 and two of

~~BUS 437 – Decision Analysis in Business (3)~~  
~~BUS 440 – Simulation in Management Decision-making (4)~~  
~~BUS 445 – Customer Analytics (3)~~  
~~BUS 474 – Supply Chain Management (3)~~  
~~BUS 475 – Sustainable Operations (3)~~  
~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~  
~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~  
~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~  
~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~  
 \*\* When offered as a selected topics course in Operations Management.

~~Marketing~~

~~For this concentration, students complete all of~~

~~BUS 343 – Introduction to Marketing (3)~~  
~~BUS 345 – Marketing Research (3)~~  
~~BUS 347 – Consumer Behaviour (3)~~  
 and three of

~~BUS 441 – Web Analytics (3)~~  
~~BUS 443 – New Product Development and Design (3)~~  
~~BUS 444 – Business to Business Marketing (3)~~  
~~BUS 445 – Customer Analytics (3)~~

~~BUS 446 – Marketing Strategy in Sports, Entertainment and Other Creative Industries (3)~~  
~~BUS 447 – Global Marketing Management (3)~~  
~~BUS 448 – Integrated Marketing Communications (3)~~  
~~BUS 449 – Ethical Issues in Marketing (3)~~  
~~BUS 455 – Product & Brand Management (3)~~  
~~BUS 459 – Services Marketing (3)~~  
~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~  
~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~  
~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~  
~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~  
 \*\* When offered as a selected topics course in Marketing.

**Strategic Analysis**

For this concentration, students complete

~~BUS 478 – Strategy (3)~~  
 and three of

~~BUS 307 – Business Applications of Game Theory (3)~~  
~~BUS 371 – Critical Thinking Through Business Case Analysis (3)~~  
~~BUS 471 – Strategic Decision Making (3)~~  
~~BUS 479 – Strategy Analysis Practicum (3)~~  
~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~  
~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~  
~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~  
~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

Students concentrating in Strategic Analysis are strongly advised to consider combining it with another business concentration.

\*\* When offered as a selected topics course in Strategic Analysis

(...)

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Business and Geography Joint Major Bachelor of Arts or Bachelor of Business Administration

(...)

ADMISSION REQUIREMENTS - BEEDIE SCHOOL OF BUSINESS

**Joint Major applicants should apply to Beedie through the internal transfer process, which is outlined [here](#), after completing 30 units, including the eight lower division courses required for admission, and must either already be accepted to the Geography portion of the Joint Major or be eligible for admission that term. Students not accepted upon initial application may reapply. Unsuccessful applicants are permitted to appeal.**

~~Internal transfer (Category 3 or 4) applicants should apply to Beedie by submitting a supplemental application form after completing 30 units (including lower division requirements, except BUS 207, BUS 217W and BUS 254), meeting a minimum 2.30 overall SFU Business course grade point average, and must either already be accepted to the Geography portion of the Joint Major or be eligible for admission that term. The supplemental application can be found on Beedie's website. Students not accepted upon initial application may reapply. Unsuccessful applicants may appeal through the faculty admissions appeals committee.~~

(...)

~~Course Limit~~

~~Students with fewer than 60 units may enrol in a maximum of 16 units per term. Those with 60 or more may enrol in a maximum of 18 units.~~

(...)

Program Requirements

(...)

BUSINESS LOWER DIVISION REQUIREMENTS

(...)

and one of\*

- ENGL 111W - Literary Classics in English (3)
- ENGL 112W - Literature Now (3)
- ENGL 113W - Literature and Performance (3)
- ENGL 114W - Language and Purpose (3)
- ENGL 115W - Literature and Culture (3)
- ENGL 199W - Writing to Persuade (3)
- PHIL 100W - Knowledge and Reality (3)
- PHIL 105 - Critical Thinking (3)
- PHIL 110 - Introduction to Logic and Reasoning (3)
- PHIL 120W - Moral and Legal Problems (3)
- PHIL 150 - Great Works in the History of Philosophy (3)

WL 101W - Writing in World Literature (3)  
 WL 103W - Early World Literatures (3)  
 WL 104W - Modern World Literatures (3)  
 WL 105W - World Literature Lab (3)

~~It is recommended that students complete BUS 202—Foundations for Collaborative Work Environments (3) in order to ensure they possess the foundational skills in communication and collaboration necessary for successful completion of upper division business coursework. Students wishing to register in BUS 202 should consult with an Undergraduate Academic Advisor in the Beedie School of Business.~~

**\* Any one of these courses may be replaced by any three unspecified transfer units in English or in ENGL-Writing at the 100- or 200-level.**

GEOGRAPHY LOWER DIVISION REQUIREMENTS  
 (...)

~~\* Any one of these courses may be replaced by any three unspecified transfer units in English or in ENGL-Writing at the 100- or 200-level.~~

### Upper Division Requirements

#### BUSINESS CORE COURSES

~~The Beedie School of Business core courses must be completed, as listed below. Students complete all of~~

BUS 303 - Business, Society and Ethics (3)  
 BUS 312 - Introduction to Finance (4)  
~~BUS 336—Data and Decisions II (4)~~  
 BUS 343 - Introduction to Marketing (3)  
 BUS 393 - Commercial Law (3)  
 BUS 478 - Strategy (3) ^

and one of

BUS 374 - Organization Theory (3)  
 BUS 381 - Introduction to Human Resource Management (3)

**BUS 360W is recommended but not required. BUS 360W will be waived as a prerequisite for 400 division business courses for those in approved Business joint programs, provided that an alternative approved upper division W course is in progress, or has been completed. Students should consult with a Beedie School of Business Academic Advisor for further information on obtaining a waiver.**

**BUS 360W must be completed at Simon Fraser University in accordance with the WQB requirements.**

**^ must be completed at Simon Fraser University.**

**BUSINESS 400 DIVISION REQUIREMENT**

**Students must complete at least one additional 400 division BUS course, worth a minimum of three units (excluding BUS 478 and practicum courses).**

~~BUS 360W is recommended but not required. BUS 360W will be waived as a prerequisite for 400 division BUS courses for those in approved BUS joint programs. BUS 360W must be completed at Simon Fraser University in accordance with the WQB requirements.~~

**BUSINESS CONCENTRATION REQUIREMENT**

Students may choose to complete one or more business concentrations by meeting the concentration requirements listed on the Business Major page of the calendar.

(...)

Business and Psychology Joint Major Bachelor of Arts or Bachelor of Business Administration

(...)

Admission Requirements - Beedie School of Business

Joint major applicants should apply to Beedie through the internal transfer process, which is outlined [here](#), ~~in the term in which their 45th unit will be completed~~ **after completing 30 units**, including the eight lower division courses required for admission, **and must either already be accepted to the Psychology portion of the Joint Major or be eligible for admission that term.** ~~Students will need to complete BUS 336 (min C-) in their first term in Beedie in order to obtain a waiver for PSYC 210, which is required for admission to the psychology portion of the joint major.~~ Students not accepted upon initial application may reapply. Unsuccessful candidates are permitted to appeal.

(...)

Program Requirements

(...)

Business Requirements

**LOWER DIVISION REQUIREMENTS**

(...)

~~It is recommended that students complete BUS 202 – Foundations for Collaborative Work Environments (3) in order to ensure they possess the foundational skills in communication and collaborating necessary for successful completion of upper division business coursework. Students wishing to register in BUS 202 should consult with an Undergraduate Academic Advisor in the Beedie School of Business.~~

(...)

## CORE COURSES

~~The Beedie School of Business core courses must be completed, as listed below. Students complete all of~~

BUS 303 - Business, Society and Ethics (3)

BUS 312 - Introduction to Finance (4)

~~BUS 336 - Data and Decisions II (4)~~

BUS 343 - Introduction to Marketing (3)

BUS 393 - Commercial Law (3)

BUS 478 - Strategy (3) ^

and one of

BUS 374 - Organization Theory (3)

BUS 381 - Introduction to Human Resource Management (3)

**BUS 360W is recommended but not required. BUS 360W will be waived as a prerequisite for 400 division business courses for those in approved in Business joint programs, provided that an alternative approved upper division W course is in progress, or has been completed. Students should consult with a Beedie School of Business Academic Advisor for further information on obtaining a waiver.**

**BUS 360W must be completed at Simon Fraser University in accordance with the WQB requirements.**

**^ Must be completed at Simon Fraser University.**

## BUSINESS 400 DIVISION REQUIREMENT

~~Students must and successful completion of~~ **complete** at least one 400 division BUS course worth a minimum of three units (**excluding BUS 478 and practicum courses**), chosen from the human resource management concentration listed under the Business Major program.

## BUSINESS CONCENTRATION REQUIREMENT

Students may choose to complete one or more business concentrations by meeting the concentration requirements listed on the Business Major page of the calendar.

~~BUS 360W is recommended but not required. BUS 360W will be waived as a prerequisite for 400 division BUS courses for those in approved BUS joint programs. BUS 360W must be completed at Simon Fraser University in accordance with the WQB requirements.~~

~~^ To be completed at Simon Fraser University.~~

~~(...)~~

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Business, Philosophy and the Law Joint Major Bachelor of Arts or Bachelor of Business Administration

~~(...)~~

**Beedie School of Business Admission Requirements**

~~Internal transfer (Category 3 or 4) applicants should apply to Beedie by submitting a supplemental application form after completing 30 units (including lower division requirements, except BUS 217W and BUS 254), meeting a minimum 2.30 overall SFU Business course grade point average, and must either already be accepted to the Philosophy portion of the Joint Major or be eligible for admission that term. The supplemental application can be found on Beedie's website. Students not accepted upon initial application may reapply. Unsuccessful applicants may appeal through the faculty admissions appeals committee.~~

**Joint Major applicants should apply to Beedie through the internal transfer process, which is outlined [here](#), after completing 30 units, including the lower division courses (except BUS 217W and BUS 254) and must either already be accepted to the Philosophy portion of the Joint Major or be eligible for admission that term.**

**Students not accepted upon initial application may reapply. Unsuccessful applicants are permitted to appeal.**

~~(...)~~

**Program Requirements**

**Business Lower Division Requirements**

~~(...)~~

~~It is recommended that students complete BUS 202 – Foundations for Collaborative Work Environments (3) in order to ensure they possess the foundational skills in communication and collaborating necessary for successful completion of upper division business coursework. Students wishing to register in BUS 202 should consult with an Undergraduate Academic Advisor in the Beedie School of Business.~~

~~(...)~~

## Business Upper Division Requirements

### CORE COURSES

Students complete at least ~~29~~ upper division units in BUS or BUEC courses, including all of

BUS 303 - Business, Society and Ethics (3)

BUS 312 - Introduction to Finance (4)

~~BUS 336 - Data and Decisions II (4)~~

BUS 343 - Introduction to Marketing (3)

BUS 393 - Commercial Law (3)

BUS 478 - Strategy (3) ^

and one of

BUS 374 - Organization Theory (3)

BUS 381 - Introduction to Human Resource Management (3)

and both † of

BUS 371 - Critical Thinking Through Business Case Analysis (3)

BUS 483 - Introduction to Employment Law For Business (3)

~~^To be completed at Simon Fraser University.~~

~~†Any 400-level business course worth at least three units and deemed to have significant relevance may, with prior faculty permission, be substituted for one of the above courses.~~

BUS 360W is recommended but not required. BUS 360W will be waived as a prerequisite for 400 division BUS courses for those in approved BUS joint programs. BUS 360W must be completed at Simon Fraser University in accordance with the WQB requirements.

**^Must be completed at Simon Fraser University.**

**†Any 400-level business course worth at least three units and deemed to have significant relevance may, with prior faculty permission, be substituted for one of the above courses.**

### BUSINESS 400 DIVISION REQUIREMENT

Students must complete two\* 400 division BUS or BUEC courses, each worth a minimum of 3 units (excluding BUS 478 and practicum courses).

\*Note that BUEC courses may count only once as business units or as economic units.

## BUSINESS CONCENTRATION REQUIREMENT

~~Students have the option to complete a concentration in one of several areas by taking courses in an area: Accounting, Innovation and Entrepreneurship, Finance, Human Resources Management, International Business, Management Information Systems, Operations Management, Marketing, Strategic Analysis. Students may choose to complete one or more business concentrations by meeting the concentration requirements listed on the Business Major page of the calendar.~~

(...)

### Information Systems in Business Administration and Computing Science Joint Major Bachelor of Business Administration or Bachelor of Science

(...)

#### ADMISSION REQUIREMENTS - BEEDIE SCHOOL OF BUSINESS

~~Internal Transfer (Category 3 or 4) applicants should apply to Beedie by submitting a supplemental application form after completing 30 units (including lower division requirements, except BUS 217W and BUS 254), meeting a minimum 2.30 overall SFU Business course grade point average, and must either already be accepted to the Computing Science portion of the Joint Major or be eligible for admission that term. The supplemental application can be found on Beedie's website. Students not accepted upon initial application may reapply. Unsuccessful applicants may appeal through the faculty admissions appeals committee.~~

**Joint Major applicants should apply to Beedie through the internal transfer process, which is outlined [here](#), after completing 30 units, including the lower division courses (except BUS 217W and BUS 254) and must either already be accepted to the Computing Science portion of the Joint Major or be eligible for admission that term.**

**Students not accepted upon initial application may reapply. Unsuccessful applicants are permitted to appeal.**

(...)

#### Course Limit

~~Students with fewer than 60 units may enrol in a maximum of 16 units per term. Those with 60 or more may enrol in a maximum of 18 units.~~

(...)

#### Program Requirements

## Lower Division Requirements

(...)

~~It is recommended that students complete BUS 202—Foundations for Collaborative Work Environments (3) in order to ensure they possess the foundational skills in communication and collaboration necessary for successful completion of upper division business coursework. Students wishing to register in BUS 202 should consult with an Undergraduate Academic Advisor in the Beedie School of Business.~~

(...)

## Upper Division Requirements

Students complete all of

BUS 312 - Introduction to Finance (4)

~~BUS 336—Data and Decisions II (4)~~

BUS 343 - Introduction to Marketing (3)

BUS 361 - Project Management (3)

BUS 468 - Managing Information Technology for Business Value (3)

BUS 478 - Strategy (3) ^

CMPT 300 - Operating Systems I (3)

CMPT 307 - Data Structures and Algorithms (3)

CMPT 354 - Database Systems I (3) ^^

(...)

**BUS 360W is recommended but not required. BUS 360W will be waived as a prerequisite for 400 division business courses for those approved in Business joint programs, provided that an alternate approved upper division W course is in-progress, or has been completed. Students should consult with a Beedie School of Business Academic advisor for further information on obtaining a waiver.**

**BUS 360W must be completed at Simon Fraser University in accordance with the WQB requirements.**

~~Students may choose to complete one or more business concentrations by meeting the concentration requirements listed on the Business Major page of the calendar.~~

^ ~~to~~ **Must** be completed at Simon Fraser University

**^^ BUS 362 will be waived as a prerequisite for BUS 466 and BUS 468, provided that CMPT 354 is in-progress or has been completed for Information Systems in Business**

**Administration and Computing Science Joint Major students. Students should consult with a Beedie School of Business Academic advisor for further information on obtaining a waiver.**

**BUSINESS CONCENTRATION REQUIREMENT**

**Students may choose to complete one or more business concentrations by meeting the concentration requirements listed on the Business Major page of the calendar.**

(...)

Interactive Arts and Technology and Business Joint Major Bachelor of Arts or Bachelor of Business Administration

(...)

Beedie School of Business Admission Criteria

~~Internal transfer (Category 3 or 4) applicants should apply to Beedie by submitting a supplemental application form after completing 30 units, (including lower division requirements, except BUS 201/202, 207, 217W and 254), meeting a minimum 2.30 overall SFU Business course grade point average, and must either already be accepted to the School of Interactive Arts and Technology portion of the Joint Major or be eligible for admission that term. The supplemental application can be found on Beedie's website. Students not accepted upon initial application may reapply. Unsuccessful applicants may appeal through the faculty admissions appeals committee.~~

**Joint Major applicants should apply to Beedie through the internal transfer process, which is outlined [here](#), after completing 30 units, including the lower division courses (except BUS 207, BUS 217W and BUS 254) and must either already be accepted to the Interactive Arts and Technology portion of the Joint Major or be eligible for admission that term.**

**Students not accepted upon initial application may reapply. Unsuccessful applicants are permitted to appeal.**

(...)

Program Requirements

(...)

Lower Division Requirements Business

(...)

It is recommended that students complete BUS 202 – Foundations for Collaborative Work Environments (3) in order to ensure they possess the foundational skills in communication and collaboration necessary for successful completion of upper division business coursework. Students wishing to register in BUS 202 should consult with an Undergraduate Academic Advisor in the Beedie School of Business.

(...)

### Upper Division Business Requirements

(...)

and one of

BUS 374 - Organization Theory (3)

BUS 381 - Introduction to Human Resource Management (3)

**BUS 360W is recommended but not required. BUS 360W will be waived as a prerequisite for 400 division business courses for those in approved Business joint programs, provided that an alternative approved upper division W course is in progress, or has been completed. Students should consult with a Beedie School of Business Academic Advisor for further information on obtaining a waiver.**

**BUS 360W must be completed at Simon Fraser University in accordance with the WQB requirements.**

**^ Must be completed at Simon Fraser University.**

### **BUSINESS 400 DIVISION REQUIREMENT**

**Students must complete at least one and an additional 400 division BUS course, worth a minimum of three units (excluding BUS 478 and practicum courses).**

### **BUSINESS CONCENTRATION REQUIREMENT**

Students may choose to complete one or more business concentrations by meeting the concentration requirements listed on the Business Major page of the calendar.

~~BUS 360W is recommended but not required. BUS 360W will be waived as a prerequisite for 400 division BUS courses for those in approved BUS joint programs.~~

~~BUS 360W must be completed at Simon Fraser University in accordance with the WQB requirements.~~

~~^ to be completed at Simon Fraser University.~~

~~(...)~~

Interactive Arts and Technology and Business Joint Major Bachelor of Science

(...)

Beedie School of Business Admission Criteria

~~Internal transfer (Category 3 or 4) applicants should apply to Beedie by submitting a supplemental application form after completing 30 units, (including lower division requirements, except BUS 201/202, 207, 217W and 254), meeting a minimum 2.30 overall SFU Business course grade point average, and must either already be accepted to the School of Interactive Arts and Technology portion of the Joint Major or be eligible for admission that term. The supplemental application can be found on Beedie's website. Students not accepted upon initial application may reapply. Unsuccessful applicants may appeal through the faculty admissions appeals committee.~~

**Joint Major applicants should apply to Beedie through the internal transfer process, which is outlined [here](#), after completing 30 units, including the lower division courses (except BUS 207, BUS 217W and BUS 254) and must either already be accepted to the Interactive Arts and Technology portion of the Joint Major or be eligible for admission that term.**

**Students not accepted upon initial application may reapply. Unsuccessful applicants are permitted to appeal.**

(...)

Lower Division Business Requirements

(...)

~~It is recommended that students complete BUS 202 – Foundations for Collaborative Work Environments (3) in order to ensure they possess the foundational skills in communication and collaboration necessary for successful completion of upper division business coursework. Students wishing to register in BUS 202 should consult with an Undergraduate Academic Advisor in the Beedie School of Business.~~

(...)

Upper Division Business Requirements

Students complete all of

BUS 303 - Business, Society and Ethics (3)  
 BUS 312 - Introduction to Finance (4)  
 BUS 343 - Introduction to Marketing (3)  
 BUS 393 - Commercial Law (3)  
 BUS 478 - Strategy (3) ^

and one of

BUS 374 - Organization Theory (3)  
 BUS 381 - Introduction to Human Resource Management (3)

**BUS 360W is recommended but not required. BUS 360W will be waived as a prerequisite for 400 division business courses for those in approved Business joint programs, provided that an alternative approved upper division W course is in progress, or has been completed. Students should consult with a Beedie School of Business Academic Advisor for further information on obtaining a waiver.**

**BUS 360W must be completed at Simon Fraser University in accordance with the WQB requirements.**

**^ Must be completed at Simon Fraser University.**

**BUSINESS 400 DIVISION REQUIREMENT**

**Students must complete at least one and an additional 400 division BUS course, worth a minimum of three units (excluding BUS 478 and practicum courses).**

**BUSINESS CONCENTRATION REQUIREMENT**

Students may choose to complete one or more business concentrations by meeting the concentration requirements listed on the Business Major page of the calendar.

~~BUS 360W is recommended but not required. BUS 360W will be waived as a prerequisite for 400 division BUS courses for those in approved BUS joint programs. BUS 360W must be completed at Simon Fraser University in accordance with the WQB requirements.~~

~~^ to be completed at Simon Fraser University.~~

(...)

Molecular Biology and Biochemistry and Business Administration Joint Major Bachelor of Science

(...)

ADMISSION REQUIREMENTS - BEEDIE SCHOOL OF BUSINESS

~~Internal transfer (Category 3 or 4) applicants should apply to Beedie by submitting a supplemental application form after completing 30 units (including MATH 150/151/154, and the lower division requirements for the Business portion of the joint major, except BUS 217W and BUS 254), meeting a minimum 2.30 overall SFU Business course grade point average, and must either already be accepted to the Molecular Biology and Biochemistry portion of the Joint Major or be eligible for admission that term. The supplemental application can be found on Beedie's website. Students not accepted upon initial application may reapply. Unsuccessful applicants may appeal through the faculty admissions appeals committee.~~

**Joint Major applicants should apply to Beedie through the internal transfer process, which is outlined [here](#), after completing 30 units, (including MATH 150/151/154, and the lower division requirements for the Business portion of the joint major, except BUS 217W and BUS 254) and must either already be accepted to Molecular Biology and Biochemistry portion of the Joint Major or be eligible for admission that term.**

**Students not accepted upon initial application may reapply. Unsuccessful applicants are permitted to appeal.**

(...)

Program Requirements

Students complete a minimum of 120 units, as specified below.

~~The program requires 64 units in MBB-related courses and 54 in BUS-related courses, with little curriculum scheduling flexibility.~~

~~Students may follow the requirements in effect when they were accepted into the program or students may take advantage of a new curriculum by changing requirement term at any time.~~

(...)

## Lower Division Business Requirements

~~Students complete a total of 23-24 units. All lower division required courses must be completed with a minimum C- grade.~~

(...)

~~It is recommended that students complete BUS 202 – Foundations for Collaborative Work Environments (3) in order to ensure they possess the foundational skills in communication and collaboration necessary for successful completion of upper division business coursework. Students wishing to register in BUS 202 should consult with an Undergraduate Academic Advisor in the Beedie School of Business.~~

(...)

## Upper Division Business Requirements

~~Students complete a total of 30 units.~~

### Core Courses

Students complete all of

BUS 303 - Business, Society and Ethics (3)  
 BUS 312 - Introduction to Finance (4)  
~~BUS 336 – Data and Decisions II (4)~~  
 BUS 343 - Introduction to Marketing (3)  
 BUS 360W - Business Communication (4) †  
 BUS 393 - Commercial Law (3)  
 BUS 477 - Startup Experience (4)

and one of

BUS 374 - Organization Theory (3)  
 BUS 381 - Introduction to Human Resource Management (3)

### Marketing Courses

Students must also complete

~~BUS 347 – Consumer Behaviour (3)~~

~~or another one~~ upper division BUS course from the marketing concentration listed under the Business Major program.

### **BUSINESS CONCENTRATION REQUIREMENT**

Students may choose to complete one or more business concentrations by meeting the concentration requirements listed on the Business Major page of the calendar.

(...)

### Sustainable Business Joint Major Bachelor of Business Administration or Bachelor of Environment

(...)

#### Admission Requirements - Beedie School of Business

Joint Major applicants should apply to Beedie through the internal transfer process, which is outlined [here](#), ~~in the term in which their 45th unit will be completed~~ **after completing 30 units**, including the seven lower division courses required for admission, and must either already be accepted to the Environment portion of the Joint Major or be eligible for admission that term. Students not accepted upon initial application may reapply. Unsuccessful applicants are permitted to appeal.

(...)

#### Lower Division Requirements

Students complete all of

##### Business Lower Division Requirements

~~Students must complete all lower division required courses with a minimum C- grade.~~

(...)

and one of \*

(...)

##### Environment Lower Division Requirements

(...)

One of \*

(...)

~~It is recommended that students complete BUS 202 - Foundations for Collaborative Work Environments(3) in order to ensure they possess the foundational skills in communication and collaboration necessary for successful completion of upper division business coursework. Students wishing to register in BUS 202 should consult with an Undergraduate Academic Advisor in the Beedie School of Business.~~



~~\* Students wishing to take BUS 336 must take BUS 232, ECON 233, or STAT 270. GEOG 251 does not satisfy the prerequisite requirements of BUS 336.~~

## Upper Division Requirements

### Business Upper Division Requirements

#### Core Courses

~~The Beedie School of Business core courses must be completed, except as specifically modified below. Students must complete all core courses with a minimum C- grade.~~

Students complete all of:

BUS 312 - Introduction to Finance (4)  
BUS 343 - Introduction to Marketing (3)  
BUS 360W - Business Communication (4) \*\*\*  
(...)

and one of

~~BUS 336 - Data and Decisions II (4) \*\*~~  
GEOG 352 - Spatial Analysis (4)  
REM 412 - Environmental Modeling (4)

(...)

and one of

BUS 453 - Sustainable Innovation (3)  
BUS 489 - Management Practices for Sustainability (3)

#### **BUSINESS CONCENTRATION REQUIREMENT**

Students may choose to complete one or more business concentrations by meeting the concentration requirements listed on the Business Major page of the calendar.

(...)

and one of\*\*\*\*

EVSC 491 - Directed Study in Environmental Science (3)  
ENV 495 - Environmental Capstone (4)  
SD 494 - Project in Sustainable Development (4)

~~\*\* Students wishing to take BUS 336-4 must take BUS 232-4, ECON 233-4, or STAT 270-3. GEOG 251-3 does not satisfy the prerequisite requirements of BUS 336-4.~~

\*\*\* To be completed before the student's 75th unit and at Simon Fraser University in accordance with the WQB requirements.

\*\*\*\* Students must meet with the Faculty of Environment advisor before selecting a capstone course.

Business and Economics Joint Honours Bachelor of Arts or Bachelor of Business Administration

(...)

Program Requirements

Students complete a minimum of 132 units, including a minimum of 60 upper division units.

Lower Division Requirements

(...)

~~It is recommended that students complete BUS 202 – Foundations for Collaborative Work Environments (3) in order to ensure they possess the foundational skills in communication and collaboration necessary for successful completion of upper division business coursework. Students wishing to register in BUS 202 should consult with an Undergraduate Academic Advisor in the Beedie School of Business.~~

(...)

Business Upper Division Requirements

CORE COURSES

~~Students complete at least 35 upper division units in BUS courses, including all of~~

- BUS 303 - Business, Society and Ethics (3)
- BUS 312 - Introduction to Finance (4)
- ~~BUS 336 – Data and Decisions II (4)~~
- BUS 343 - Introduction to Marketing (3)
- BUS 393 - Commercial Law (3)
- BUS 478 - Strategy (3) \*

and one of

BUS 374 - Organization Theory (3)

BUS 381 - Introduction to Human Resource Management (3)

BUS 360W is recommended but not required. BUS 360W will be waived as a prerequisite for 400 division **BUS business** courses for those in approved **BUS Business** joint programs, **provided that an alternative approved upper division W course is in progress, or has been completed. Students should consult with a Beedie School of Business Academic Advisor for further information on obtaining a waiver.**

BUS 360W must be completed at Simon Fraser University in accordance with the WQB requirements.

\* ~~To~~ **Must** be completed at Simon Fraser University.

#### **BUSINESS 400 DIVISION REQUIREMENT**

**Students must complete at least three 400 division BUS courses, each worth a minimum of three units (excluding practicum courses and BUS 478). These courses may be within the area of concentration chosen above. At least one 400 division courses must be completed at Simon Fraser University.**

#### ~~Areas of Concentration~~ **BUSINESS CONCENTRATION REQUIREMENT**

Students also complete the requirements for **at least one of the following** areas of concentration **listed under the Business Major program**. ~~Students may choose to complete more than one business concentration.~~

##### ~~Accounting~~

~~Admission to this concentration requires a cumulative grade point average of 2.70 or higher. Students may apply once they have completed their lower division requirements and have either completed or enrolled in BUS 320. Students must have a minimum grade of C+ in BUS 320 before they are admitted to the concentration and BUS 320 may be repeated once for admission. Only students admitted to this concentration will be permitted to enroll in upper division (300- and 400-level) accounting courses required for this concentration (with the exception of BUS 320).~~

~~Students must complete all\* of~~

~~BUS 320 - Financial Accounting: Assets (3)~~

~~BUS 321 - Financial Accounting: Equities (3)~~

~~BUS 322 - Intermediate Managerial Accounting (3)~~

~~BUS 421 - Accounting Theory (3)~~



At least two\* of

- ~~BUS 420 – Advanced Accounting (3)~~
- ~~BUS 424 – Advanced Managerial Accounting (3)~~
- ~~BUS 426 – Auditing and Assurance: Concepts and Methods (3)~~
- ~~BUS 428 – Forensic Accounting and Data Analytics (3)~~
- ~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~
- ~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~
- ~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~
- ~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~
- ~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~
- ~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~
- ~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

\* Must be completed at SFU.

\*\* When offered as a selected topics course in Accounting.

~~Innovation and Entrepreneurship~~

~~For this concentration, students complete all of~~

- ~~BUS 314 – Resourcing New Ventures (3)~~
  - ~~BUS 338 – Foundations of Innovation (3)~~
  - ~~BUS 361 – Project Management (3)~~
  - ~~BUS 477 – Startup Experience (4)~~
- ~~and one of~~

- ~~BUS 339 – Make Change Studio II – Iteration and Prototyping (4)~~
- ~~BUS 406 – Startup Accelerator (3)~~
- ~~BUS 443 – New Product Development and Design (3)~~
- ~~BUS 450 – Managing Emerging Opportunities (3)~~
- ~~BUS 453 – Sustainable Innovation (3)~~
- ~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~
- ~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~
- ~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~
- ~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~
- ~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~
- ~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~
- ~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

\*\* When offered as a selected topics course in Innovation and Entrepreneurship.

~~Finance~~

~~For this concentration, students complete all of~~

- ~~BUS 312 – Introduction to Finance (4)~~



~~BUS 315 – Investments (4)~~  
~~BUS 316 – Derivative Securities (3)~~  
~~and two of~~  
~~BUS 410 – Financial Institutions (3)~~  
~~BUS 411 – Fixed Income Security Analysis and Valuation (3)~~  
~~BUS 413 – Corporate Finance (3)~~  
~~BUS 414 – Real Estate Investments (3)~~  
~~BUS 415 – Applied Portfolio Management (3)~~  
~~BUS 417 – Security Analysis (3)~~  
~~BUS 418 – International Financial Management (3)~~  
~~BUS 419 – Advanced Derivative Securities (3)~~  
~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~  
~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~  
~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~  
~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~\*\* When offered as a selected topics course in Finance.~~

#### Human Resource Management

For this concentration, students complete both of

~~BUS 374 – Organization Theory (3)~~  
~~BUS 381 – Introduction to Human Resource Management (3)~~  
~~and three of~~

~~BUS 432 – International Human Resource Management (3)~~  
~~BUS 481 – Recruitment and Selection (3)~~  
~~BUS 482 – Performance Management (3)~~  
~~BUS 483 – Introduction to Employment Law For Business (3)~~  
~~BUS 484 – Employment Systems (3)~~  
~~BUS 485 – Negotiations and Conflict Management (3)~~  
~~BUS 486 – Leadership (3)~~  
~~BUS 487 – Organizational Development and Change Management —~~  
~~(3) BUS 488 – Group Dynamics and Teamwork (3)~~  
~~BUS 489 – Management Practices for Sustainability (3)~~  
~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~  
~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~  
~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~  
~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~  
~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

**OPTION A**

It is recommended that students who wish to become a personnel specialist in a human resource function complete three of

~~BUS 432 – International Human Resource Management (3)~~

~~BUS 481 – Recruitment and Selection (3)~~

~~BUS 482 – Performance Management (3)~~

~~BUS 484 – Employment Systems (3)~~

**OPTION B**

It is recommended that students who wish to develop skills in managing people, including employment systems design, change and organizational leadership, complete three of

~~BUS 485 – Negotiations and Conflict Management (3)~~

~~BUS 486 – Leadership (3)~~

~~BUS 487 – Organizational Development and Change Management (3)~~

~~BUS 488 – Group Dynamics and Teamwork (3)~~

~~BUS 489 – Management Practices for Sustainability (3)~~

~~\*\* When offered as a selected topics course in Human Resource Management.~~

**Management Information Systems**

For this concentration, students complete all of

~~BUS 361 – Project Management (3)~~

~~BUS 362 – Business Process Analysis (4)~~

~~BUS 468 – Managing Information Technology for Business Value (3)~~

and two of

~~BUS 462 – Business Analytics (3)~~

~~BUS 464 – Business Data Management (3)~~

~~BUS 465 – Business Systems Development (3)~~

~~BUS 466 – Web-Enabled Business (3)~~

~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~

~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~

~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~\*\* When offered as a selected topics course in Management Information Systems.~~

**International Business**

For this concentration, students complete

~~BUS 346 – Global Business Environment (3)~~

and three of

- ~~BUS 418 – International Financial Management (3)~~
- ~~BUS 430 – Cross-Cultural Management (3)~~
- ~~BUS 431 – Business with East Asian Countries (3)~~
- ~~BUS 432 – International Human Resource Management (3)~~
- ~~BUS 434 – Foreign Market Entry (3)~~
- ~~BUS 435 – Management of International Firms (3)~~
- ~~BUS 447 – Global Marketing Management (3)~~
- ~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~
- ~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~
- ~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~
- ~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~
- ~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~
- ~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~
- ~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

Other 400 division courses deemed to have significant international business relevance may, with prior faculty permission, be substituted for the above 400 division courses. These may be offered in another faculty. A course substitution for International Business cannot be used for any other concentration.

Students concentrating in international business are strongly advised to consider combining it with another business concentration.

~~\*\* When offered as a selected topics course in International Business.~~

#### ~~Operations Management~~

~~For this concentration, students complete both of~~

- ~~BUS 336 – Data and Decisions II (4)~~
  - ~~BUS 473 – Operations Management (4)~~
- ~~and two of~~

- ~~BUS 437 – Decision Analysis in Business (3)~~
- ~~BUS 440 – Simulation in Management Decision-making (4)~~
- ~~BUS 445 – Customer Analytics (3)~~
- ~~BUS 474 – Supply Chain Management (3)~~
- ~~BUS 475 – Sustainable Operations (3)~~
- ~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~
- ~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~
- ~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~
- ~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~
- ~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~
- ~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~\*\* When offered as a selected topics course in Operations Management.~~

~~Marketing~~

~~For this concentration, students complete all of~~

~~BUS 343 – Introduction to Marketing (3)~~

~~BUS 345 – Marketing Research (3)~~

~~BUS 347 – Consumer Behaviour (3)~~

~~and three of~~

~~BUS 441 – Web Analytics (3)~~

~~BUS 443 – New Product Development and Design (3)~~

~~BUS 444 – Business to Business Marketing (3)~~

~~BUS 445 – Customer Analytics (3)~~

~~BUS 446 – Marketing Strategy in Sports, Entertainment and Other Creative Industries (3)~~

~~BUS 447 – Global Marketing Management (3)~~

~~BUS 448 – Integrated Marketing Communications (3)~~

~~BUS 449 – Ethical Issues in Marketing (3)~~

~~BUS 455 – Product & Brand Management (3)~~

~~BUS 459 – Services Marketing (3)~~

~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~

~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~

~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~\*\* When offered as a selected topics course in Marketing.~~

~~Strategic Analysis~~

~~For this concentration, students complete~~

~~BUS 478 – Strategy (3)~~

~~and three of~~

~~BUS 307 – Business Applications of Game Theory (3)~~

~~BUS 371 – Critical Thinking Through Business Case Analysis (3)~~

~~BUS 471 – Strategic Decision Making (3)~~

~~BUS 479 – Strategy Analysis Practicum (3)~~

~~BUS 490 – Selected Topics in Business Administration (1) \*\*~~

~~BUS 491 – Selected Topics in Business Administration (2) \*\*~~

~~BUS 492 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 493 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 494 – Selected Topics in Business Administration (3) \*\*~~

~~BUS 495 – Selected Topics in Business Administration (4) \*\*~~

~~BUS 496 – Selected Topics in Business Administration (5) \*\*~~

~~Students concentrating in Strategic Analysis are strongly advised to consider combining it with another business concentration.~~

~~\*\* When offered as a selected topics course in Strategic Analysis~~

~~Additional Business Requirements~~

~~Students also complete at least three 400-division BUS courses, each worth a minimum of three units (excluding practicum courses and BUS 478). These courses may be within the area of concentration chosen above. At least one of these 400-division courses must be completed at Simon Fraser University.~~

~~(...)~~

Molecular Biology and Biochemistry and Business Administration Joint Honours Bachelor of Science

(...)

Lower Division Business Requirements

~~Students complete a minimum of 23 lower-division units. All lower-division required courses must be completed with a minimum C- grade.~~

(...)

~~It is recommended that students complete BUS 202 – Foundations for Collaborative Work Environments(3) in order to ensure they possess the foundational skills in communication and collaboration necessary for successful completion of upper-division business coursework. Students wishing to register in BUS 202 should consult with an Undergraduate Academic Advisor in the Beedie School of Business.~~

(...)

Upper Division Business Requirements

~~Students complete a minimum of 36 upper-division units.~~

Core Courses

Students complete all of

BUS 303 - Business, Society and Ethics (3)  
 BUS 312 - Introduction to Finance (4)  
~~BUS 336 - Data and Decisions II (4)~~  
 BUS 343 - Introduction to Marketing (3)  
 BUS 360W - Business Communication (4) †  
 BUS 393 - Commercial Law (3)  
 BUS 477 - Startup Experience (4)

and one of

BUS 374 - Organization Theory (3)  
 BUS 381 - Introduction to Human Resource Management (3)

Marketing Courses

Students must ~~also~~ complete **at least one**

~~BUS 347 - Consumer Behaviour (3)~~

~~or another~~ upper division BUS course from the marketing concentration listed under the Business Major program.

~~Additional Business Units~~ **BUSINESS 400 DIVISION REQUIREMENT**

**Students must complete at least two** ~~and an additional six units~~ of 400 division BUS courses, each worth a minimum of three units (excluding **BUS 478** and practicum courses and BUS 478).

**BUSINESS CONCENTRATION REQUIREMENT**

Students may choose to complete one or more business concentrations by meeting the concentration requirements listed on the Business Major page of the calendar.

† To be completed at Simon Fraser University in accordance with the WQB requirements.

(...)



<p><b>Name of Program or Name of Faculty</b> Beedie School of Business – Bachelor of Business Administration</p>
<p><b>Rationale for change:</b></p> <p>1. The Beedie School of Business (BsB) has gone through a program review to ensure program alignment with the school’s calling. The review process established Program Level Learning Goals that reflected the calling and mapped the current curriculum against those learning goals. The review process identified gaps within the program and the different business areas within BsB modified courses or proposed new courses to better align the BBA to the school’s calling.</p> <p><b>2. Beedie School of Business Non-Business Elective Requirements</b> In response to the 2019 to 2021 Beedie School of Business (BsB) Undergraduate Program Review and the growing call for the indigenization of SFU’s curricula, the BsB Undergraduate Program Review Project Team is proposing the BsB Non-Business Elective Requirements for the undergraduate Business Major and Business Honours program.</p> <p>This requirement is an elaboration of the current BBA requirement for students to complete a minimum of 36 units outside of the BsB and will direct students to learning experiences, outside of business, that is centered around the BsB themes of Global Perspective, Innovation and Social Responsibility.</p>
<p><b>Effective term and year:</b> Fall 2023</p>
<p><b>The following program(s) will be affected by these changes:</b></p> <p><b>Major:</b> Bachelor of Business Administration</p>

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

<p><b><u>Major: Bachelor of Business Administration</u></b></p> <p>(...)</p> <p>Lower Division Requirements</p> <p>Students must complete all lower division required courses with a minimum C- grade.</p> <p>Students complete one of</p>
--

BUS 201 - Introduction to Business (3)^<sup>^</sup>

BUS 202 - Foundations of Business (3)^<sup>^</sup>

and all of

BUS 100 – Professional Development – Launch (1) ^<sup>^</sup>

BUS 217W - Critical Thinking in Business (3)

BUS 237 - Introduction to Business Technology Management (3)

**BUS 240 – Introduction to Innovation (3)**

BUS 251 - Financial Accounting I (3)

BUS 254 - Managerial Accounting I (3)

BUS 272 - Behaviour in Organizations (3)

**BUS 275 – Business in a Sustainable Society (3)**

ECON 103 - Principles of Microeconomics (4)

ECON 105 - Principles of Macroeconomics (4)

(...)

Upper Division Requirements

(...)

CORE COURSES

Students must complete all core courses with a minimum C- grade.

Students complete all of

BUS 300 – Professional Development – Planning (1)^<sup>^</sup>

BUS 303 - Business, Society and Ethics (3)

BUS 312 - Introduction to Finance (4)

BUS 343 - Introduction to Marketing (3)

BUS 360W - Business Communication (4) ^

**BUS 373 – Operations and Supply Chain Management (3)**

BUS 393 - Commercial Law (3)

BUS 478 - Strategy (3) ^<sup>^</sup>

BUS 496 - Professional Development - Summit (1)^<sup>^</sup>

(...)

Writing, Quantitative, and Breadth Requirements

(...)

## Beedie School of Business Non-Business Elective Requirements

~~Students admitted to the BBA program for the Fall 2022 term onwards are required to complete a minimum of 3 units, outside of the Beedie School of Business that offers Indigenous perspective.~~

**Students admitted to the BBA program for the Fall 2023 term onwards are required to complete a minimum of 9 units, outside of the Beedie School of Business, that is centered around the School's Calling and offers an Indigenous perspective.**

**Students must complete a minimum of 6 units from Group A and a minimum of 3 units from Group B.**

### Group A

**Students must complete a minimum of 6 units from the following list of courses:**

#### Global Perspective

**GA 101- Introduction to Global Asia**

**HIST 231- History of Africa to the 19th Century: From Ancient Times to the Slave Trade**

**HUM 101W- Introduction to the Humanities**

**IS 101- Global Challenges of the 21st Century: An Introduction to International Studies**

**IS 200- Security and Global Governance: Interdisciplinary Perspectives**

**IS 210- Comparative World Politics: Trajectories, Regimes, Challenges**

**IS 220 - Wealth and Poverty of Nations**

**IS 315- Introduction to Middle East Politics**

**IS 427- Globalization, Poverty and Inequality**

**LBST 312- Global Labour Migration**

**SA 302W- Global Problems and the Culture of Capitalism (SA)lobal Perspective**

#### Innovation

**CA 381- Thriving as a Cultural Entrepreneur**

**CMNS 110- Introduction to Communication Studies**

**HIST 135- Capitalism and the Making of the Modern World**

**IAT 110- Visual Communication Design**

**IAT 210- Introduction to Game Studies: Theory and Design**

**LBST 308-The Labour Process: Technological Change and the Future of Work**

**POL 150- Science, Policy, and Innovation**

**POL 253- Introduction to Public Policy**

**PSYC 106- Psychological Issues in Contemporary Society**

**SA 150- Introduction to Sociology (S)**

**SEE 110- Energy, Environment, & Society**

**TEKX 101- Introduction to 3D Printing and Laser Scanning Technologies**

### **Social Responsibility**

**GSWS 100- Sex Talk: Introduction to Contemporary Issues in Sexuality Studies**

**LBST 100- Equality and Inequality at Work**

**LBST 101- Work and Worker's Rights: Introducing Labour Studies**

**PHIL 121- Global Justice**

**REM 100- Global Change**

**REM 350- Sustainable Energy and Materials Management**

**SA 200W- Power, Conflict and Change in Canadian Society (SA)**

**SD 281- Sustainable Communities, Sustainable World**

### **Multiple Themes (Global Perspective, Innovation, Social Responsibility)**

**ARCH 101 -Reconstructing the Human Past**

**BPK 140 – Contemporary Health Issues**

**EASC 104 - Geohazards - Earth in Turmoil**

**EASC 107- Economic Geological Resources**

**ECON 102 – The World Economy**

**EDUC 100W- Selected Questions and Issues in Education**

**GEOG 104- Climate Change, Water, and Society**

**GEOG 333- Climate Crisis: Understanding a World on Fire**

**GEOG 389W- Nature and Society**

**MBB 302- Energy: From Cells to Society**

**PLAN 100- Introduction to Planning**

**REM 320W- Ethics and the Environment**

**REM 321- Ecological Economics**

**REM 355- Sustainable Transportation Management**

**REM 357- Planning for Sustainable Food Systems**

### **Group B**

Students must complete a minimum of 3 units from the following list of courses\*:

INDG 101 - Introduction to Indigenous Studies (3)

INDG 102 – Indigenous Academic Research (4)

INDG 110W – International Indigenous Lifewriting (4)

INDG 201(W) – Indigenous People’s Perspectives on History (3)

ENGL 360 - Popular Writing by Indigenous Authors (4)

REM 207 Indigenous Peoples and Resource Management (3)



\*Students may satisfy this requirement by transferring 3 unspecified units in INDG at any level.

Business Career Passport Requirements  
(...)



<p><b>Name of Program or Name of Faculty</b> Beedie School of Business – Bachelor of Business Administration</p>
<p><b>Rationale for change:</b></p> <p>1. The Beedie School of Business (BsB) has gone through a program review to ensure program alignment with the school’s calling. The review process established Program Level Learning Goals that reflected the calling and mapped the current curriculum against those learning goals. The review process identified gaps within the program and the different business areas within BsB modified courses or proposed new courses to better align the BBA to the school’s calling.</p> <p><b>2. Beedie School of Business Non-Business Elective Requirements</b> In response to the 2019 to 2021 Beedie School of Business (BsB) Undergraduate Program Review and the growing call for the indigenization of SFU’s curricula, the BsB Undergraduate Program Review Project Team is proposing the BsB Non-Business Elective Requirements for the undergraduate Business Major and Business Honours program.</p> <p>This requirement is an elaboration of the current BBA requirement for students to complete a minimum of 36 units outside of the BsB and will direct students to learning experiences, outside of business, that is centered around the BsB themes of Global Perspective, Innovation and Social Responsibility.</p>
<p><b>Effective term and year:</b> Fall 2023</p>
<p><b>The following program(s) will be affected by these changes:</b></p> <p><b>Honours:</b> Bachelor of Business Administration</p>

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

<p><u><b>Honours: Bachelor of Business Administration</b></u></p> <p>(...)</p> <p>Lower Division Requirements</p> <p>Students complete one of*</p> <p>BUS 201 - Introduction to Business (3) ††</p>
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BUS 202 - Foundations of Business (3) ††

and all of

BUS 100 – Professional Development – Launch (1) ††

BUS 217W - Critical Thinking in Business (3)

BUS 237 - Introduction to Business Technology Management (3)

**BUS 240 – Introduction to Innovation (3)**

BUS 251 - Financial Accounting I (3)

BUS 254 - Managerial Accounting I (3)

BUS 272 - Behaviour in Organizations (3)

**BUS 275 – Business in a Sustainable Society (3)**

ECON 103 - Principles of Microeconomics (4)

ECON 105 - Principles of Macroeconomics (4)

(...)

Upper Division Requirements

(...)

Core Courses

Students complete all of

BUS 300 – Professional Development – Planning (1)††

BUS 303 - Business, Society and Ethics (3)

BUS 312 - Introduction to Finance (4)

BUS 343 - Introduction to Marketing (3)

BUS 360W - Business Communication (4) ^

**BUS 373 – Operations and Supply Chain Management (3)**

BUS 393 - Commercial Law (3)

BUS 478 - Strategy (3) ^^

BUS 496 - Professional Development - Summit (1)††

(...)

Writing, Quantitative, and Breadth Requirements

(...)

Beedie School of Business Non-Business Elective Requirements

~~Students admitted to the BBA program for the Fall 2022 term onwards are required to complete a minimum of 3 units, outside of the Beedie School of Business that offers Indigenous perspective.~~

**Students admitted to the BBA program for the Fall 2023 term onwards are required to complete a minimum of 9 units, outside of the Beedie School of Business, that is centered around the School's Calling and offers an Indigenous perspective.**

**Students must complete a minimum of 6 units from Group A and a minimum of 3 units from Group B.**

### **Group A**

**Students must complete a minimum of 6 units from the following list of courses:**

#### **Global Perspective**

**GA 101- Introduction to Global Asia**

**HIST 231- History of Africa to the 19th Century: From Ancient Times to the Slave Trade**

**HUM 101W- Introduction to the Humanities**

**IS 101- Global Challenges of the 21st Century: An Introduction to International Studies**

**IS 200- Security and Global Governance: Interdisciplinary Perspectives**

**IS 210- Comparative World Politics: Trajectories, Regimes, Challenges**

**IS 220 - Wealth and Poverty of Nations**

**IS 315- Introduction to Middle East Politics**

**IS 427- Globalization, Poverty and Inequality**

**LBST 312- Global Labour Migration**

**SA 302W- Global Problems and the Culture of Capitalism (SA)lobal Perspective**

#### **Innovation**

**CA 381- Thriving as a Cultural Entrepreneur**

**CMNS 110- Introduction to Communication Studies**

**HIST 135- Capitalism and the Making of the Modern World**

**IAT 110- Visual Communication Design**

**IAT 210- Introduction to Game Studies: Theory and Design**

**LBST 308-The Labour Process: Technological Change and the Future of Work**

**POL 150- Science, Policy, and Innovation**

**POL 253- Introduction to Public Policy**

**PSYC 106- Psychological Issues in Contemporary Society**

**SA 150- Introduction to Sociology (S)**

**SEE 110- Energy, Environment, & Society**

**TEKX 101- Introduction to 3D Printing and Laser Scanning Technologies**

#### **Social Responsibility**

**GSWS 100- Sex Talk: Introduction to Contemporary Issues in Sexuality Studies**  
**LBST 100- Equality and Inequality at Work**  
**LBST 101- Work and Worker's Rights: Introducing Labour Studies**  
**PHIL 121- Global Justice**  
**REM 100- Global Change**  
**REM 350- Sustainable Energy and Materials Management**  
**SA 200W- Power, Conflict and Change in Canadian Society (SA)**  
**SD 281- Sustainable Communities, Sustainable World**

**Multiple Themes (Global Perspective, Innovation, Social Responsibility)**

**ARCH 101 -Reconstructing the Human Past**  
**BPK 140 – Contemporary Health Issues**  
**EASC 104 - Geohazards - Earth in Turmoil**  
**EASC 107- Economic Geological Resources**  
**ECON 102 – The World Economy**  
**EDUC 100W- Selected Questions and Issues in Education**  
**GEOG 104- Climate Change, Water, and Society**  
**GEOG 333- Climate Crisis: Understanding a World on Fire**  
**GEOG 389W- Nature and Society**  
**MBB 302- Energy: From Cells to Society**  
**PLAN 100- Introduction to Planning**  
**REM 320W- Ethics and the Environment**  
**REM 321- Ecological Economics**  
**REM 355- Sustainable Transportation Management**  
**REM 357- Planning for Sustainable Food Systems**

### **Group B**

Students must complete a minimum of 3 units from the following list of courses\*:

INDG 101 - Introduction to Indigenous Studies (3)  
 INDG 102 – Indigenous Academic Research (4)  
 INDG 110W – International Indigenous Lifewriting (4)  
 INDG 201(W) – Indigenous People’s Perspectives on History (3)  
 ENGL 360 - Popular Writing by Indigenous Authors (4)  
 REM 207 Indigenous Peoples and Resource Management (3)

\*Students may satisfy this requirement by transferring 3 unspecified units in INDG at any level.

**Business Career Passport Requirements**  
 (...)



<b>Name of Program or Name of Faculty</b> Music and Sound Program, School for the Contemporary Arts
<b>Rationale for change:</b> Including a formerly optional course (“one of”) as a required course. CA344 is a seminar dealing with scholarly and contextual issues, and we feel this should be required of our graduates, in addition to the studio courses already required.
<b>Effective term and year:</b> Fall 2022
<b>The following program(s) will be affected by these changes:</b>  Music and Sound Major

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

Upper Division Requirements  Students complete a minimum of 39 units, including  all of  <b>CA 344 - Thinking and Writing About Sound (3)</b> CA 345 - Creative Sound Studio V (4) CA 346 - Creative Sound Studio VI (4) CA 445 – Senior Project I (5) CA 446 – Senior Project II (5)  and <del>five</del> <b>four</b> of  CA 315 – Sound Art: History and Concepts (4) CA 340 – Creative Ensemble Lab (3) CA 341 – Music and Culture (3) CA 342 – Ensemble in Residence Lab II (3) CA 343 – Gamelan II (3) <del>CA 344 – Thinking and Writing About Sound (3)</del> CA347 – Live Electronics Lab (3) CA 349 – Selected Topics in Music II (3)
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CA 386 – Film Music: An Overview of the Relationship between Music and Moving Pictures (3)

CA 440 – Soundbox II (3)

CA 448 – Solo Performer and Electronics Lab (3)

CA 449 – Installation/Sound Art Lab (3)

And a minimum of six CA units chosen from outside the major.



<b>Name of Program or Name of Faculty</b> Music and Sound Program, School for the Contemporary Arts
<b>Rationale for change:</b> Including a formerly optional course (“one of”) as a required course. CA344 is a seminar dealing with scholarly and contextual issues, and we feel this should be required of our graduates, in addition to the studio courses already required.
<b>Effective term and year:</b> Fall 2022
<b>The following program(s) will be affected by these changes:</b>  Music and Sound Honours

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

Upper Division Requirements  Students complete a minimum of 48 units, including  all of  <b>CA 344 - Thinking and Writing About Sound (3)</b> CA 345 - Creative Sound Studio V (4) CA 346 - Creative Sound Studio VI (4) CA 445 – Senior Project I (5) CA 446 – Senior Project II (5)  and <del>five</del> <b>four</b> of  CA 315 – Sound Art: History and Concepts (4) CA 340 – Creative Ensemble Lab (3) CA 341 – Music and Culture (3) CA 342 – Ensemble in Residence Lab II (3) CA 343 – Gamelan II (3) <del>CA 344 – Thinking and Writing About Sound (3)</del> CA347 – Live Electronics Lab (3)
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CA 349 – Selected Topics in Music II (3)

CA 386 – Film Music: An Overview of the Relationship between Music and Moving Pictures (3)

CA 440 – Soundbox II (3)

CA 448 – Solo Performer and Electronics Lab (3)

CA 449 – Installation/Sound Art Lab (3)

And a minimum of six CA units chosen from outside the major.



<b>Name of Program or Name of Faculty</b>  Faculty of Communication, Art and Technology School of the Contemporary Arts Dance Area
<b>Rationale for change:</b>  The Dance area of the School for the Contemporary Arts is updating and reformatting the structure of its curriculum. As more diverse faculty join the school, we are making new spaces for this diversity to manifest itself in our BFA programs. This includes increasing the focus on studio labs and research/creation presentations at the upper division. The changes within the Dance Area do not require new courses per se; however, it involves reframing the trajectory of our studio courses to allow this diversity to manifest over the four-year degree.
<b>Effective term and year:</b>  Fall 2022
<b>The following program(s) will be affected by these changes:</b>  1. Dance Major 2. Dance Honours 3. Extended Minor

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

<b><u>Dance Major</u></b>  (...)  Lower Division Requirements  Students complete a minimum of 45 units including:  <del>Three</del> <b>Two</b> core courses below:  <del>CA 149 - Sound (3)</del> CA 186 - Art and the Moving Image (3) CA 285 - Interdisciplinary Studio - Composition/Collaboration (3)
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plus one additional CA history course outside their major\*

and all of

CA 122 - Dance Training and Movement Systems I (5)  
CA 123 - Dance Training and Movement Systems II (5)  
CA 124 - Improvisation Tools and Scores (3)  
CA 127 - History of Dance: From the 20th Century to the Present (3)  
CA 129 - Movement Fundamentals (3)  
CA 220 - Dance Training and Movement Systems III (4)  
CA 221 - Dance Training and Movement Systems IV (4)  
CA 228W - Dance Aesthetics (3)

and ~~three~~ **six** additional units in lower division CA courses outside of dance from below

**CA 149- Sound (3)**

CA 150 - Introduction to Acting (3)  
CA 160 - Introductory Studio in Visual Art I (3)  
CA 170 - Introduction to Production Technology (3)  
CA 171 - Introduction to Stage and Production Management (3)

\* See advisor for course options.

**Upper Division Requirements**

Students complete a minimum of 34 units including all of

CA 320 - Dance Training and Movement Systems V (4)  
CA 321 - Dance Training and Movement Systems VI (4)  
CA 324- Approaches to Composition (3)  
**CA 420 - Dance Training and Movement Systems VII (4) \***  
**CA 424 - Making/Artistic Research (3)**  
**CA 425 - Intensive Studies in Performance: Senior Projects (4) \***

and ~~14~~ **10** units selected from the following\*\*

CA 322 - Intermediate Ballet I (3) \*  
CA 323 - Intermediate Ballet II (3) \*  
~~CA 325 - Special Project in Dance Composition (3) \*~~  
CA 326 - Repertory I (5) \*  
CA 327 - Repertory II (5) \*  
**CA 329 - Selected Topics in Dance II (3)**  
~~CA 420 - Dance Training and Movement Systems VII (4)~~  
CA 421 - Choreographic Lab (4)

~~CA 425 – Intensive Studies in Performance: Senior Projects (4) \*~~

CA 426 - Dance/Movement Analysis (3)

CA 427 - Advanced Ballet I (3)

CA 428 - Advanced Ballet II (3)

**CA 440- Soundbox II (3)**

**CA 485- Interdisciplinary Collaboration in Contemporary Arts (5)**

~~and nine upper division CA units including one upper division history or theory course.~~

**and one upper division CA history or theory course outside major.**

\* May be completed more than once for credit.

\*\* Other dance related courses may be substituted with permission of the school.

## Dance Honours

(...)

### Lower Division Requirements

Students complete a minimum of 45 units including:

~~Three~~ **Two** core courses below:

~~CA 149 – Sound (3)~~

CA 186 - Art and the Moving Image (3)

CA 285 - Interdisciplinary Studio - Composition/Collaboration (3)

plus one additional CA history/theory course outside their major\*

and all of

CA 122 - Dance Training and Movement Systems I (5)

CA 123 - Dance Training and Movement Systems II (5)

CA 124 - Improvisation Tools and Scores (3)

CA 127 - History of Dance: From the 20th Century to the Present (3)

CA 129 - Movement Fundamentals (3)

CA 220 - Dance Training and Movement Systems III (4)

CA 221 - Dance Training and Movement Systems IV (4)

CA 228W - Dance Aesthetics (3)

and ~~three~~ **six** additional units in lower division CA courses outside of dance from below

**CA 149- Sound (3)**

CA 150 - Introduction to Acting (3)

CA 160 - Introductory Studio in Visual Art I (3)

CA 170 - Introduction to Production Technology (3)

CA 171 - Introduction to Stage and Production Management (3)

\* See advisor for course options.

**Upper Division Requirements**

Students complete a minimum of 48 units including all of

CA 320 - Dance Training and Movement Systems V (4)

CA 321 - Dance Training and Movement Systems VI (4)

CA 324- Approaches to Composition (3)

**CA 420 - Dance Training and Movement Systems VII (4) \***

**CA 424 - Making/Artistic Research (3)**

**CA 425 - Intensive Studies in Performance: Senior Projects (4) \***

~~and one of~~

~~CA 420 - Contemporary Dance VII (4)~~

~~CA 421 - Contemporary Dance VIII: Choreography Lab (4)~~

and ~~14-10~~ units selected from the following\*\*

CA 322 - Intermediate Ballet I (3) \*

CA 323 - Intermediate Ballet II (3) \*

~~CA 325 - Special Project in Dance Composition (3) \*~~

CA 326 - Repertory I (5) \*

CA 327 - Repertory II (5) \*

**CA 329 - Selected Topics in Dance II (3)**

~~CA 420 - Dance Training and Movement Systems VII (4)~~

CA 421 - Choreographic Lab (4) +

~~CA 425 - Intensive Studies in Performance: Senior Projects (4) \*~~

CA 426 - Dance/Movement Analysis (3)

CA 427 - Advanced Ballet I (3)

CA 428 - Advanced Ballet II (3)

**CA 440- Soundbox II (3)**

**CA 485- Interdisciplinary Collaboration in Contemporary Arts (5)**

and the remaining required units chosen from CA upper division courses including one upper division history/theory course (placement in courses is based on prerequisites and/or permission of the instructor).



- \* May be completed more than once for credit.
  - \*\* Other dance related courses may be substituted with permission of the school.
  - + May not be completed more than once for credit.
- 

### **Dance Extended Minor**

(...)

#### Lower Division Requirements

Students complete a minimum of 45 units including

~~Three~~ **Two** core courses below:

~~CA 149 - Sound (3)~~

CA 186 - Art and the Moving Image (3)

CA 285 - Interdisciplinary Studio - Composition/Collaboration (3)

plus one additional CA history course outside their extended minor

and all of

CA 122 - Dance Training and Movement Systems I (5)

CA 123 - Dance Training and Movement Systems II (5)

CA 124 - Improvisation Tools and Scores (3)

CA 127 - History of Dance: From the 20th Century to the Present (3)

CA 129 - Movement Fundamentals (3)

CA 220 - Dance Training and Movement Systems III (4)

CA 221 - Dance Training and Movement Systems IV (4)

CA 228W - Dance Aesthetics (3)

and three additional units in lower division CA courses outside of dance from below

#### **CA 149 - Sound (3)**

CA 150 - Introduction to Acting (3)

CA 160 - Introductory Studio in Visual Art I (3)

CA 170 - Introduction to Production Technology (3)

CA 171 - Introduction to Stage and Production Management (3)

#### Upper Division Requirements



Students complete a minimum of 17 units including all of

CA 320 - Dance Training and Movement Systems V (4)  
CA 321 - Dance Training and Movement Systems VI (4)

and a minimum of six units selected from

CA 322 - Intermediate Ballet I (3) \*  
CA 323 - Intermediate Ballet II (3) \*  
CA 324 - New Dance Composition (3)  
~~CA 325 - Special Project in Dance Composition (3) \*~~  
CA 326 - Repertory I (5) \*  
CA 327 - Repertory II (5) \*  
**CA 329 - Selected Topics in Dance II (3)**  
CA 420 - Dance Training and Movement Systems VII (4) \*  
CA 421 - Choreographic Lab (4) \*  
CA 426 - Dance/Movement Analysis (3)  
CA 427 - Advanced Ballet I (3) \*  
CA 428 - Advanced Ballet II (3) \*

and one upper division CA course

\* May be repeated for credit.



<p><b>Name of Program or Name of Faculty</b> Geography</p>
<p><b>Rationale for change:</b>  Addition of new course GEOG 465 to the GES capstone list</p>
<p><b>Effective term and year:</b> FALL 2022</p>
<p><b>The following program(s) will be affected by these changes:</b>  Global Environmental Systems Major Global Environmental Systems Honours</p>

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

<p>...</p> <p>Capstone Experience (choose one)</p> <p>GEOG 411 - Advanced Hydrology (4)  GEOG 412W - Glacial Processes and Environments (4)  GEOG 414 - Climate Change (4)  GEOG 417W - Advanced Soil Science (4)  GEOG 418 - Ecohydrology (4)  GEOG 421 - Geographical Political Economy (4)  GEOG 423 - Capitalist Natures (4)  GEOG 432 - Problems in Environmental History (4)  GEOG 440 - Property, Land, Society (4)  GEOG 442 - A World of Cities (4)  GEOG 449 - City and Environment (4)  GEOG 451 - Spatial Modeling (4)  GEOG 453 - Theoretical and Applied Remote Sensing (4)  GEOG 455 - Theoretical and Applied GIS (4)  GEOG 457 - Geovisualization Interfaces (4)  <b>GEOG 465 - Geographies of Conquest and Liberation (4)</b>  GEOG 497 - International Field Study (5)</p> <p>...</p>
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**Name of Program or Name of Faculty**

Resource and Environmental Management (FENV)

**Rationale for change:**

The proposed changes to the entry requirements aim to make the Planning Stream of the REM Major more accessible to a wider range of students and allow them to declare the stream earlier in their studies.

Allowing students to declare the planning stream earlier was an explicit recommendation of the Professional Standards Board for the Planning Profession in Canada when it granted the program preliminary accreditation on behalf of Canadian Institute of Planners in July of 2020. Hence, the proposed changes aim to fulfill this recommendation and strengthen the programs prospect for full accreditation in the near future.

**Effective term and year:**

Fall 2022

**The following program(s) will be affected by these changes:**

Resource and Environmental Management Major

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

Resource and Environmental Management Major

Bachelor of Environment

The resource and environmental management major prepares students to seek employment or continue in graduate studies in the broadly defined area of resource and environmental management or planning.

Admission Requirements

Admission Requirements to the Resource and Environmental Management Major - Planning Stream

Students must apply to enter the REM planning stream and must meet the following conditions to qualify:

- ~~A minimum of 30 units completed~~

- ~~A minimum CGPA of 3.33~~
- **A minimum of nine units**
- **A minimum of CGPA of 3.0**
- Completion of PLAN 100 with a minimum grade of B+
- Departmental approval

#### Minimum Grades for Management Stream

The minimum cumulative grade point average (CGPA) for continuation and graduation is 2.00.

#### Minimum Grades for Planning Stream

The minimum cumulative grade point average (CGPA) for continuation and graduation in the resource and environmental management major planning stream is 3.00. **Students who fall below this continuance requirement will be placed on academic warning in the School of Resource and Environmental Management and will have two enrolled terms to bring their CGPA to 3.0 or higher. Failure to do so will result in removal from the Planning Stream.**

#### Program Requirements

##### Program Requirements for All Streams

Students complete 120 units, including at least 45 upper division units, as specified below.

Note: Some of the courses below have prerequisites not included in the REM major requirements. Students are responsible for satisfying the prerequisites for all courses in their program. Students should review the upper division program requirements in advance to determine any lower division prerequisites they should complete.

##### Additional Program Requirements for Planning Stream

In addition to the REM major program requirements, planning stream students are required to complete the Faculty of Environment Co-op program or two terms of Planning Internship. Units from Co-op and Internship courses do not count towards SFU degree requirements. Students planning to take the Co-op program must meet the Faculty of Environment Co-op admission requirements and apply two terms prior to their first work term.

(...)



<p><b>Name of Program or Name of Faculty</b> Actuarial Science</p>
<p><b>Rationale for change:</b> Over the past five years, the actuarial profession changed drastically with the introduction of more data science and predictive analytics. Future actuaries are expected to have better computing skills and be more knowledgeable about statistical methodology. This program modification addresses these concerns by (1) changing the computing requirements, (2) removing an older course, and (3) adding three existing courses discussing novel statistical methods. Also, (4) we are rearranging the selective lists to make sure that our students are asked to take the same number of units as before.</p> <ol style="list-style-type: none"> <li>1. CMPT 110 and 129 are not offered anymore. This forced us to review the lower-division computing requirements of our degree. By scanning the lower-division courses offered at Simon Fraser University, we selected two courses to replace this requirement: we are including explicitly CMPT 120 to the list of lower-division requirements (note that this course was already included implicitly for most of our students before as it was a prerequisite for CMPT 129, the recommended lower-division course for our program) and making STAT 260 and 261 required. This change will allow our students to be better prepared for some professional actuarial exams, which use the programming language taught in STAT 260 and 261. We are also adding STAT 360 to the last list of upper-division requirements to allow our students to further their computing training.</li> <li>2. We are removing ACMA 440. This will create more room to include more relevant topics in our curriculum, especially in light of the recent changes to professional actuarial exams and the move towards more predictive analytics.</li> <li>3. We are making STAT 350 and STAT 452 required. These courses cover parts of newly introduced professional actuarial exams (i.e., SRM and PA). The inclusion of these courses makes sure that our students are getting proper training about novel statistical methodology.</li> <li>4. We are reducing the number of courses—from four to three—in the last list of the upper-division requirements to account for the inclusion of an additional three units in the first list. We are also removing STAT 350 and 452 from the last list as they are now included in the first list of upper-division requirements. ACMA 395 and 490 are moving to the last list to reflect the fact that these courses are special topics and not as important as ACMA 470 and 475 for our students.</li> </ol>
<p><b>Effective term and year:</b> Fall 2022</p>
<p><b>The following program(s) will be affected by these changes:</b> Actuarial Science Major (BSc)</p>

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

## Actuarial Science Major Bachelor of Science

The Department of Statistics and Actuarial Science offers a bachelor of science (BSc) program in actuarial science within the Faculty of Science.

Frequently asked questions about the program and contact information for the Undergraduate Advisor for the department can be found [here](https://www.sfu.ca/stat-actsci/undergraduate/current-students/advising.html): ~~https://www.sfu.ca/stat-actsci/undergraduate/current-students/advising.html~~. Students should seek advice early in their academic careers about program planning from the department's advisors.

### Admission Requirements

For admission, students normally complete each lower division required course in mathematics and statistics, or its equivalent, with a minimum C+ grade. Students are also normally required to have completed ACMA 101 and ACMA 201 with a minimum grade of C+ and have a cumulative grade point average (CGPA) of at least 3.0.

Achieving the minimum grade requirements will not guarantee program admission.

Students normally apply for admission in the term in which they complete ACMA 201.

### Courses for Further Credit

No student may complete, for further credit, any course offered by the Department of Statistics and Actuarial Science which is a prerequisite for a course the student has already completed with a grade of C- or higher without permission of the department.

### Computing Recommendation

Some experience with a high-level programming language is recommended by the beginning of the second year.

### Prerequisite Grade Requirement

Students must have a grade of C- or better in prerequisites for STAT courses. Students must have a grade of C or better in prerequisites for ACMA courses.

### GPA Required for Continuation

To continue in the program, students must maintain at least a 2.25 grade point average in MATH, STAT, MACM, or ACMA courses.



## Graduation Requirement

Students are required to complete a minimum of 44 upper division units including a minimum of 28 units in the major subject or field, and achieve a CGPA of 2.50 or better to graduate.

## Program Requirements

Students complete 120 units, as specified below.

### [Graduation Grade Point Averages](#)

## Lower Division Requirements

Students complete all of

ACMA 101 - Introduction to Insurance (3)

ACMA 201 - Interest Theory and Applications (3)

BUS 251 - Financial Accounting I (3)

BUS 254 - Managerial Accounting I (3)

**CMPT 120 - Introduction to Computing Science and Programming I (3)**

ECON 103 - Principles of Microeconomics (4)

ECON 105 - Principles of Macroeconomics (4)

MATH 152 - Calculus II (3)

MATH 251 - Calculus III (3)

**STAT 260 - Introductory R for Data Science (2)**

**STAT 261 - Laboratory for Introductory R for Data Science (1)**

STAT 270 - Introduction to Probability and Statistics (3)

STAT 285 - Intermediate Probability and Statistics (3)

and one of

MATH 150 - Calculus I with Review (4)

MATH 151 - Calculus I (3) \*

and one of

MATH 232 - Applied Linear Algebra (3)

MATH 240 - Algebra I: Linear Algebra (3) \*

and one of

~~CMPT 110 - Programming in Visual Basic (3)~~

~~CMPT 125 - Introduction to Computing Science and Programming II (3)~~

~~CMPT 128 - Introduction to Computing Science and Programming for Engineers (3)~~

~~CMPT 129 - Introduction to Computing Science and Programming for Mathematics and Statistics (3)~~

\*

~~CMPT 130 - Introduction to Computer Programming I (3)~~

and two ENGL or PHIL courses.

\* Recommended

## Upper Division Requirements

Students complete the following courses:

all of

ACMA 301 - Long-Term Actuarial Mathematics I (3)  
 ACMA 340 - Financial Economics for Actuaries (3)  
 ACMA 355 - Loss Models I (3)  
 ACMA 401 - Long-Term Actuarial Mathematics II (3)  
~~ACMA 440 - Models for Financial Economics (3)~~  
 ACMA 455 - Loss Models II (3)  
 STAT 330 - Introduction to Mathematical Statistics (3)  
**STAT 350 - Linear Models in Applied Statistics (3)**  
**STAT 452 - Statistical Learning and Prediction (3)**

and one of

~~ACMA 395 - Special Topics in Actuarial Science (3)~~  
 ACMA 465 - Demography and Mortality Models (3)  
 ACMA 470 - Property and Casualty Insurance (3)  
 ACMA 475 - Theory of Pension (3)  
~~ACMA 490 - Selected Topics in Actuarial Science (3)~~

and **three** ~~four~~ of

ACMA 360W - Actuarial Communication (3)  
**ACMA 395 - Special Topics in Actuarial Science (3)**  
**ACMA 490 - Selected Topics in Actuarial Science (3)**  
 BUS 312 - Introduction to Finance (4)  
 BUS 315 - Investments (4)  
 ECON 302 - Microeconomic Theory II: Strategic Behavior (4)  
 ECON 305 - Intermediate Macroeconomic Theory (4)  
 MACM 316 - Numerical Analysis I (3)  
 MATH 309 - Continuous Optimization (3)  
 STAT 342 - Introduction to Statistical Computing and Exploratory Data Analysis - SAS (2)  
~~STAT 350 - Linear Models in Applied Statistics (3)~~  
**STAT 360 - Advanced R for Data Science (2)**  
 STAT 380 - Introduction to Stochastic Processes (3)  
 STAT 440 - Learning from Big Data (3)  
 STAT 445 - Applied Multivariate Analysis (3)  
 STAT 450 - Statistical Theory (3)  
~~STAT 452 - Statistical Learning and Prediction (3)~~  
 STAT 460 - Bayesian Statistics (3)  
 STAT 475 - Applied Discrete Data Analysis (3)  
 STAT 485 - Applied Time Series Analysis (3)

Certain elective courses are pre-approved courses for **Validation** ~~Valuation~~ by Educational Experience (VEE) units from the Society of Actuaries. Information is available [here](#), at [www.soa.org](http://www.soa.org).

## University Degree Requirements

Students must also satisfy University degree requirements for degree completion.

## Writing, Quantitative, and Breadth Requirements

Students admitted to Simon Fraser University beginning in the fall 2006 term must meet writing, quantitative and breadth requirements as part of any degree program they may undertake. See Writing, Quantitative, and Breadth Requirements for university-wide information.

### WQB Graduation Requirements

Requirement	Units	Notes
W - Writing	6	Must include at least one upper division course, taken at Simon Fraser University within the student's major subject
Q - Quantitative	6	Q courses may be lower or upper division
B - Breadth	18	Designated Breadth Must be outside the student's major subject, and may be lower or upper division 6 units Social Sciences: B-Soc 6 units Humanities: B-Hum 6 units Sciences: B-Sci
	6	Additional Breadth 6 units outside the student's major subject (may or may not be B-designated courses, and will likely help fulfil individual degree program requirements) Students choosing to complete a joint major, joint honours, double major, two extended minors, an extended minor and a minor, or two minors may satisfy the breadth requirements (designated or not designated) with courses completed in either one or both program areas.

## Residency Requirements and Transfer Credit

At least half of the program's total units must be earned through Simon Fraser University study.

At least two thirds of the program's total upper division units must be earned through Simon Fraser University study.

## Elective Courses

In addition to the courses listed above, students should consult an academic advisor to plan the remaining required elective courses.



<b>Name of Program or Name of Faculty</b> Actuarial Science
<b>Rationale for change:</b> Over the past five years, the actuarial profession changed drastically with the introduction of more data science and predictive analytics. Future actuaries are expected to have better computing skills and be more knowledgeable about statistical methodology. This program modification addresses these concerns by (1) changing the computing requirements, (2) removing an older course, and (3) adding three existing courses discussing novel statistical methods. Also, (4) we are rearranging the selective lists to make sure that our students are asked to take the same number of units as before. <ol style="list-style-type: none"><li>1. CMPT 110 and 129 are not offered anymore. This forced us to review the lower-division computing requirements of our degree. By scanning the lower-division courses offered at Simon Fraser University, we selected two courses to replace this requirement: we are including explicitly CMPT 120 to the list of lower-division requirements (note that this course was already included implicitly for most of our students before as it was a prerequisite for CMPT 129, the recommended lower-division course for our program) and making STAT 260 and 261 required. This change will allow our students to be better prepared for some professional actuarial exams, which use the programming language taught in STAT 260 and 261. We are also adding STAT 360 to the last list of upper-division requirements to allow our students to further their computing training.</li><li>2. We are removing ACMA 440. This will create more room to include more relevant topics in our curriculum, especially in light of the recent changes to professional actuarial exams and the move towards more predictive analytics.</li><li>3. We are making STAT 350 and STAT 452 required. These courses cover parts of newly introduced professional actuarial exams (i.e., SRM and PA). The inclusion of these courses makes sure that our students are getting proper training about novel statistical methodology.</li><li>4. We are reducing the number of courses—from three to two—in the last list of the upper-division requirements to account for the inclusion of an additional three units in the first list. We are also removing STAT 350 and 452 from the last list as they are now included in the first list of upper-division requirements. ACMA 395 and 490 are moving to the last list to reflect the fact that these courses are special topics and not as important as ACMA 470 and 475 for our students.</li></ol>
<b>Effective term and year:</b> Fall 2022
<b>The following program(s) will be affected by these changes:</b> Actuarial Science Honours (BSc)

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

## Actuarial Science Honours Bachelor of Science

The Department of Statistics and Actuarial Science offers a bachelor of science (BSc) honours program in actuarial science within the Faculty of Science.

Frequently asked questions about the program and contact information for the Undergraduate Advisor for the department can be found [here](https://www.sfu.ca/stat-actsci/undergraduate/current-students/advising.html). Students should seek advice early in their academic careers about program planning from the department's advisors.

### Courses for Further Credit

No student may complete, for further credit, any course offered by the Department of Statistics and Actuarial Science which is a prerequisite for a course the student has already completed with a grade of C- or higher without permission of the department.

### Computing Recommendation

Some experience with a high-level programming language is recommended by the beginning of the second year.

### Prerequisite Grade Requirement

Students must have a grade of C- or better in prerequisites for STAT courses. Students must have a grade of C or better in prerequisites for ACMA courses.

### GPA Required for Continuation

To continue in the program, students must maintain at least a 3.0 grade point average in MATH, STAT, MACM, or ACMA courses.

### Graduation Requirement

Students are required to complete a minimum of 60 upper division units including a minimum of 48 units in the honours subject or field, and achieve a CGPA of 3.0 or better to graduate.

### Program Requirements

Students complete 120 units, as specified below.

[Graduation Grade Point Averages](#)



## Lower Division Requirements

Students complete all of

ACMA 101 - Introduction to Insurance (3)

ACMA 201 - Interest Theory and Applications (3)

BUS 251 - Financial Accounting I (3)

BUS 254 - Managerial Accounting I (3)

**CMPT 120 - Introduction to Computing Science and Programming I (3)**

ECON 103 - Principles of Microeconomics (4)

ECON 105 - Principles of Macroeconomics (4)

MATH 152 - Calculus II (3)

MATH 251 - Calculus III (3)

**STAT 260 - Introductory R for Data Science (2)**

**STAT 261 - Laboratory for Introductory R for Data Science (1)**

STAT 270 - Introduction to Probability and Statistics (3)

STAT 285 - Intermediate Probability and Statistics (3)

and one of

MATH 150 - Calculus I with Review (4)

MATH 151 - Calculus I (3) \*

and one of

MATH 232 - Applied Linear Algebra (3)

MATH 240 - Algebra I: Linear Algebra (3) \*

~~and one of~~

~~CMPT 110 - Programming in Visual Basic (3)~~

~~CMPT 125 - Introduction to Computing Science and Programming II (3)~~

~~CMPT 128 - Introduction to Computing Science and Programming for Engineers (3)~~

~~CMPT 129 - Introduction to Computing Science and Programming for Mathematics and Statistics (3)~~

~~\*~~

~~CMPT 130 - Introduction to Computer Programming I (3)~~

and two ENGL or PHIL courses.

\* Recommended

## Upper Division Requirements

Students complete the following courses:

all of

ACMA 301 - Long-Term Actuarial Mathematics I (3)

ACMA 340 - Financial Economics for Actuaries (3)

ACMA 355 - Loss Models I (3)

ACMA 401 - Long-Term Actuarial Mathematics II (3)

~~ACMA 440 - Models for Financial Economics (3)~~

ACMA 455 - Loss Models II (3)

STAT 330 - Introduction to Mathematical Statistics (3)

**STAT 350 - Linear Models in Applied Statistics (3)**

STAT 450 - Statistical Theory (3)

**STAT 452 - Statistical Learning and Prediction (3)**

and two of

~~ACMA 395 - Special Topics in Actuarial Science (3)~~

ACMA 465 - Demography and Mortality Models (3)

ACMA 470 - Property and Casualty Insurance (3)

ACMA 475 - Theory of Pension (3)

~~ACMA 490 - Selected Topics in Actuarial Science (3)~~

And ~~two~~ **three** of

ACMA 360W - Actuarial Communication (3)

**ACMA 395 - Special Topics in Actuarial Science (3)**

**ACMA 490 - Selected Topics in Actuarial Science (3)**

BUS 312 - Introduction to Finance (4)

BUS 315 - Investments (4)

ECON 302 - Microeconomic Theory II: Strategic Behavior (4)

ECON 305 - Intermediate Macroeconomic Theory (4)

MACM 316 - Numerical Analysis I (3)

MATH 309 - Continuous Optimization (3)

STAT 342 - Introduction to Statistical Computing and Exploratory Data Analysis - SAS (2)

~~STAT 350 - Linear Models in Applied Statistics (3)~~

**STAT 360 - Advanced R for Data Science (2)**

STAT 380 - Introduction to Stochastic Processes (3)

STAT 440 - Learning from Big Data (3)

STAT 445 - Applied Multivariate Analysis (3)

~~STAT 452 - Statistical Learning and Prediction (3)~~

STAT 460 - Bayesian Statistics (3)

STAT 475 - Applied Discrete Data Analysis (3)

STAT 485 - Applied Time Series Analysis (3)

Certain elective courses are pre-approved courses for **Validation** ~~Valuation~~ by Educational Experience (VEE) units from the Society of Actuaries. Information is available [here](http://www.soa.org). at [www.soa.org](http://www.soa.org).

(...)

## Writing, Quantitative, and Breadth Requirements

Students admitted to Simon Fraser University beginning in the fall 2006 term must meet writing, quantitative and breadth requirements as part of any degree program they may undertake. See Writing, Quantitative, and Breadth Requirements for university-wide information.

### WQB Graduation Requirements

A grade of C- or better is required to earn W, Q or B credit

Requirement	Units	Notes	
W - Writing	6	Must include at least one upper division course, taken at Simon Fraser University within the student's major subject	
Q - Quantitative	6	Q courses may be lower or upper division	
B - Breadth	18	Designated Breadth	Must be outside the student's major subject, and may be lower or upper division 6 units Social Sciences: B-Soc 6 units Humanities: B-Hum 6 units Sciences: B-Sci
	6	Additional Breadth	6 units outside the student's major subject (may or may not be B-designated courses, and will likely help fulfil individual degree program requirements)  Students choosing to complete a joint major, joint honours, double major, two extended minors, an extended minor and a minor, or two minors may satisfy the breadth requirements (designated or not designated) with courses completed in either one or both program areas.

### Residency Requirements and Transfer Credit

At least half of the program's total units must be earned through Simon Fraser University study.

At least two thirds of the program's total upper division units must be earned through Simon Fraser University study.

### Elective Courses

In addition to the courses listed above, students should consult an academic advisor to plan the remaining required elective courses.