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## MEMORANDUM

ATTENTION Senate  
FROM Paul Kingsbury, Vice-Chair  
Senate Committee on Undergraduate Studies  
RE: Program Changes

DATE March 7, 2025  
PAGES 1/3

**For information:**

Acting under delegated authority at its meeting of March 6, 2025 SCUS approved the following curriculum revisions effective Fall 2025.

**a. Faculty of Applied Sciences (SCUS 25-53)****1. School of Engineering Science****(i) Requirement changes to the:**

- Engineering Science, Biomedical Engineering Option Major
- Engineering Science, Biomedical Engineering Option Honours
- Engineering Science, Computer Engineering Option Major
- Engineering Science, Computer Engineering Option Honours
- Engineering Science, Electronics Engineering Option Major
- Engineering Science, Electronics Engineering Option Honours
- Engineering Science, Systems Engineering Option Major
- Engineering Science, Systems Engineering Option Honours
- Engineering Science, Engineering Physics Option Honours

**b. Faculty of Arts and Social Sciences (SCUS 25-54)****1. Departments of Economics, Linguistics, Philosophy, and Political Science****(i) Requirement changes to the Social Data Analytics Minor****2. Department of Global Humanities****(i) Requirement changes to the Global Humanities Major**

### 3. Department of Linguistics

(i) Requirement changes to the:

- Linguistics Major
- Linguistics Honours

### 6. Urban Studies Program

(i) Upper division requirement changes to the Urban Studies Stream in the Urban Worlds Major

### **c. Beedie School of Business (SCUS 25-55)**

(i) Changes to the Business Minor admission requirements

### **d. Faculty of Communication, Art and Technology**

#### 1. School of Communication (SCUS 25-56)

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

- Communication Major
- Communication Honours
- Anthropology and Communication Joint Major
- Business and Communication Joint Major
- Communication and Interactive Arts and Technology Joint Major BA
- Communication and Interactive Arts and Technology Joint Major BSc
- English and Communication Joint Major
- Sociology and Communication Joint Major
- Communication Extended Minor

#### 2. School for the Contemporary Arts (SCUS 25-57)

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

- Dance Major
- Dance Honours
- Dance Extended Minor

### **e. Faculty of Environment**

#### 1. Department of Geography (SCUS 25-58)

(i) Lower division requirement changes to the Urban Change Stream in the Urban Worlds Major

(ii) Lower division requirement changes to the Geographic Information Science Major

2. School of Resource and Environmental Management (SCUS 25-59)

- (i) Description changes to the Resource and Environmental Management Major

**f. Faculty of Science (SCUS 25-60)**

1. Department of Biological Sciences

- (i) Requirement changes to the Biological Sciences Post Baccalaureate Diploma

2. Departments of Chemistry

- (i) Requirement changes to the Nuclear Science Minor

3. Department of Statistics and Actuarial Science

- (i) Requirement changes to the:

- Actuarial Science Major
- Actuarial Science Honours
- Statistics Major

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>.



<b>Name of Program or Name of Faculty</b> School of Engineering Science
<b>Rationale for change:</b> CEAB no longer requires students to complete a course from the Central Issue, Methodology, and Thought Process category. Additionally, students are confused as to how many elective courses they are actually required to take as the numbers in the “Complementary Studies Elective Courses” section and the “WQB Requirement” section were not equal. Since any student who satisfies SFU’s WQB requirements will also automatically satisfy CEAB’s complementary elective course it will be clearer to present this information in only one place.  Finally, since GERO 300 is no longer a required course for the biomedical engineering option the final paragraph should correctly mention the number of required WQB courses to be 3, in line with the other options in the Engineering Degree.
<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b>  Engineering Science, Biomedical Engineering Option Major Engineering Science, Biomedical Engineering Option Honours

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<del>Engineering Science, Biomedical Engineering Option Major</del> <del>Elective Course Requirements</del> <del>Complementary Studies Elective Courses</del> <b>Students in the biomedical engineering option are required to take 3 breadth courses, with at least one course in each category (B-Hum/B-Soc). ECON 103-4 is a B-Soc course and counts towards these breadth requirements. Therefore, in this option, students have to take two more breadth courses, one of which must be a B-Hum category course (at least 3 units) to fulfil the requirement.</b> <del>In addition, students must also complete one complementary studies course chosen from the complementary studies list that is available at <a href="http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html">http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html</a>. Note that students must complete an acceptable Breadth Humanities course and should choose this elective course with that in mind. A pre-approved complementary studies course list is</del>
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(...)

WQB Requirement Modifications for Engineering Science Students

For engineering science students, these university requirements are modified as follows.

- for students in the biomedical engineering option, the total number of Breadth Social Sciences (B-Soc) and Breadth Humanities (B-Hum) courses is reduced to two courses, with at least one course in each category. **ECON 103-4 is a B-Soc course and counts towards these breadth requirements. Therefore, in this option, students have to take two more breadth courses, one of which must be a B-Hum category course (at least 3 units) to fulfil the requirement.**

Engineering Science, Biomedical Engineering Option Honours

~~Elective Course Requirements~~

~~Complementary Studies Elective Courses~~

**Students in the biomedical engineering option are required to take 3 breadth courses, with at least one course in each category (B-Hum/B-Soc). ECON 103-4 is a BSoc course and counts towards these breadth requirements. Therefore, in this option, students have to take two more breadth courses, one of which must be a BHum category course (at least 3 units) to fulfil the requirement.**

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For engineering science students, these university requirements are modified as follows.

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~~In addition, the Canadian Engineering Accreditation Board (CEAB) requires that one complementary studies elective in the ENSC curriculum must be in the Central Issue, Methodology, and Thought Process category.~~



<p><b>Name of Program or Name of Faculty</b> School of Engineering Science</p>
<p><b>Rationale for change:</b> CEAB no longer requires students to complete a course from the Central Issue, Methodology, and Thought Process category. To prevent confusion to students it will be better to remove this information from the calendar completely.</p>
<p><b>Effective term and year:</b> Fall 2025</p>
<p><b>The following program(s) will be affected by these changes:</b>  Engineering Science, Computer Engineering Option Major</p>

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<p>Complementary Studies Elective Courses</p> <p><del>For</del> Students in the computer engineering option <b>are required to take 3 breadth courses</b>, the university has agreed to reduce the total units required in B-Soc and B-Hum courses to nine (or three courses), with at least one course (three units) in each category (<b>B-Hum/B-Soc</b>). <b>ECON 103-4 is a B-Soc course and counts towards these breadth requirements. Therefore, in this option, students have to take two more breadth courses, one of which must be a B-Hum category course (at least 3 units) to fulfil the requirement.</b> Since ECON 103-4 is a B-Soc course, for these students at least one complementary elective should be from the B-Hum category and at least one should be from the Central Issue, Methodology, and Thought Process category as required by CEAB. Please note that the same course can satisfy both of these requirements and the other complementary elective course can be any other course from either of the two categories listed below. A list of complementary studies electives can be found at <a href="http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html">http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html</a>. Other courses may be acceptable with undergraduate curriculum committee chair approval.</p> <p>...</p> <p>WQB Requirement modifications for Engineering Science Students</p> <p>For engineering science students, these university requirements are modified as follows.</p> <ul style="list-style-type: none"> <li>for students in the computer engineering option, the total number of Breadth-Social Sciences (B-Soc) and Breadth-Humanities (B-Hum) courses is reduced to three courses, with at least one course in each category. <b>ECON 103-4 is a B-Soc course and counts towards these breadth requirements. Therefore, in this option,</b></li> </ul>
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<p><b>Effective term and year:</b> Fall 2025</p>
<p><b>The following program(s) will be affected by these changes:</b>  Engineering Science, Computer Engineering Option Honours</p>

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<p><del>Elective Course Requirements</del> Complementary Studies Elective Courses <del>For</del> Students in the computer engineering option <b>are required to take 3 breadth courses</b>, the university has agreed to reduce the total units required in B-Soc and B-Hum courses to nine (or three courses), with at least one course (three units) in each category (<b>B-Hum/B-Soc</b>). <b>ECON 103-4 is a B-Soc course and counts towards these breadth requirements. Therefore, in this option, students have to take two more breadth courses, one of which must be a B-Hum category course (at least 3 units) to fulfil the requirement.</b> Since ECON 103-4 is a B-Soc course, for these students at least one complementary elective should be from the B-Hum category and at least one should be from the Central Issue, Methodology, and Thought Process category as required by CEAB. Please note that the same course can satisfy both of these requirements and the other complementary elective course can be any other course from either of the two categories listed below. A list of complementary studies electives can be found at <a href="http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html">http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html</a>. Other courses may be acceptable with undergraduate curriculum committee chair approval. ...</p> <p>WQB Requirement Modifications for Engineering Science Students</p> <p>For engineering science students, these university requirements are modified as follows.</p> <ul style="list-style-type: none"> <li>• for students in the computer engineering option, the total number of Breadth-Social Sciences (B-Soc) and Breadth-Humanities (B-Hum) courses is reduced to three courses, with at least one course in each category. <b>ECON 103-4 is a B-Soc course</b></li> </ul>
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<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b>  Engineering Science, Electronics Engineering Option Major

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<p>Complementary Studies Elective Courses</p> <p><del>For</del> Students in the electronics engineering option <b>are required to take 3 breadth courses</b>, the university has agreed to reduce the total units required in B-Soc and B-Hum courses to nine (or three courses), with at least one course (three units) in each category (B-Hum/B-Soc). <b>ECON 103-4 is a B-Soc course and counts towards these breadth requirements. Therefore, in this option, students have to take two more breadth courses, one of which must be a B-Hum category course (at least 3 units) to fulfil the requirement.</b> Since ECON 103-4 is a B-Soc course, for these students at least one complementary elective should be from the B-Hum category and at least one should be from the Central Issue, Methodology, and Thought Process category as required by CEAB. Please note that the same course can satisfy both of these requirements and the other complementary elective course can be any other course from either of the two categories listed below. A list of complementary studies electives can be found at <a href="http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html">http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html</a>. Other courses may be acceptable with undergraduate curriculum committee chair approval.</p> <p>...</p> <p>WQB Requirement Modifications for Engineering Science Students</p> <p>For engineering science students, these university requirements are modified as follows.</p> <ul style="list-style-type: none"> <li>• for students in the electronics engineering option, the total number of Breadth-Social Sciences (B-Soc) and Breadth-Humanities (B-Hum) courses is reduced to three courses, with at least one course in each category. <b>ECON 103-4 is a B-Soc</b></li> </ul>
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<b>Name of Program or Name of Faculty</b> School of Engineering Science
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<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b>  Engineering Science, Electronics Engineering Option Honours

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<p>Elective Course Requirements</p> <p>Complementary Studies Elective Courses</p> <p><del>For</del> Students in the electronics engineering option <b>are required to take 3 breadth courses</b>, the university has agreed to reduce the total units required in B-Soc and B-Hum courses to nine (or three courses), with at least one course (three units) in each category (B-Hum/B-Soc). <b>ECON 103-4 is a B-Soc course and counts towards these breadth requirements. Therefore, in this option, students have to take two more breadth courses, one of which must be a B-Hum category course (at least 3 units) to fulfil the requirement.</b> Since ECON 103-4 is a B-Soc course, for these students at least one complementary elective should be from the B-Hum category and at least one should be from the Central Issue, Methodology, and Thought Process category as required by CEAB. Please note that the same course can satisfy both of these requirements and the other complementary elective course can be any other course from either of the two categories listed below. A list of complementary studies electives can be found at <a href="http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html">http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html</a>. Other courses may be acceptable with undergraduate curriculum committee chair approval.</p> <p>...</p> <p>WQB Requirement Modifications for Engineering Science Students</p> <p>For engineering science students, these university requirements are modified as follows.</p> <ul style="list-style-type: none"> <li>for students in the electronics engineering option, the total number of Breadth-Social Sciences (B-Soc) and Breadth-Humanities (B-Hum) courses is reduced to three courses, with at least one course in each category. <b>ECON 103-4 is a B-Soc</b></li> </ul>
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<b>Rationale for change:</b> CEAB no longer requires students to complete a course from the Central Issue, Methodology, and Thought Process category. To prevent confusion to students it will be better to remove this information from the calendar completely.
<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b> Engineering Science, Systems Engineering Option Major

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<p><del>Elective Course Requirements</del>  <del>Complementary Studies Elective Courses</del>  <b>Students in the systems engineering option are required to take 3 breadth courses, with at least one course in each category (B-Hum/B-Soc). ECON 103-4 is a B-Soc course and counts towards these breadth requirements. Therefore, in this option, students have to take two more breadth courses, one of which must be a B-Hum category course (at least 3 units) to fulfil the requirement.</b>  <del>In addition, students must also complete two complementary studies course chosen from the complementary studies list that is available at <a href="http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html">http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html</a>.</del>  <del>Note that students must complete an acceptable Breadth-Humanities course and should choose this elective course with that in mind. A pre-approved complementary studies course list is available at <a href="http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html">http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html</a>. Other courses may be acceptable with undergraduate curriculum committee chair approval.</del>  ...  WQB Requirement Modifications for Engineering Science Students</p> <p>For engineering science students, these university requirements are modified as follows.</p> <ul style="list-style-type: none"> <li>for students in the systems engineering option, the total number of Breadth-Social Sciences (B-Soc) and Breadth-Humanities (B-Hum) courses is reduced to three courses, with at least one course in each category. <b>ECON 103-4 is a B-Soc course and counts towards these breadth requirements. Therefore, in this option,</b></li> </ul>
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<p><b>Effective term and year:</b> Fall 2025</p>
<p><b>The following program(s) will be affected by these changes:</b>  Engineering Science, Systems Engineering Option Honours</p>

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<p>Elective Course Requirements Complementary Studies Elective Courses <del>For</del> Students in the systems engineering option <b>are required to take 3 breadth courses</b>, the university has agreed to reduce the total units required in B-Soc and B-Hum courses to nine (or three courses), with at least one course (three units) in each category (<b>B-Hum/B-Soc</b>). <b>ECON 103-4 is a B-Soc course and counts towards these breadth requirements. Therefore, in this option, students have to take two more breadth courses, one of which must be a B-Hum category course (at least 3 units) to fulfil the requirement.</b> Since ECON 103-4 is a B-Soc course, for these students at least one complementary elective should be from the B-Hum category and at least one should be from the Central Issue, Methodology, and Thought Process category as required by CEAB. Please note that the same course can satisfy both of these requirements and the other complementary elective course can be any other course from either of the two categories listed below. A list of complementary studies electives can be found at <a href="http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html">http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html</a>. Other courses may be acceptable with undergraduate curriculum committee chair approval. ...</p> <p>WQB Requirement Modifications for Engineering Science Students</p> <p>For engineering science students, these university requirements are modified as follows.</p> <ul style="list-style-type: none"> <li>• for students in the systems engineering option, the total number of Breadth-Social Sciences (B-Soc) and Breadth-Humanities (B-Hum) courses is reduced to three courses, with at least one course in each category. <b>ECON 103-4 is a B-Soc course</b></li> </ul>
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<b>Rationale for change:</b> CEAB no longer requires students to complete a course from the Central Issue, Methodology, and Thought Process category. To prevent confusion to students it will be better to remove this information from the calendar completely.
<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b>  Engineering Science, Engineering Physics Option Honours

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<p><del>Elective Course Requirements</del> <del>Complementary Studies Elective Courses</del> <del>For Students in the engineering physics option <b>are required to take 3 breadth courses</b>, the university has agreed to reduce the total units required in B-Soc and B-Hum courses to nine (or three courses), with at least one course (three units) in each category (B-Hum/B-Soc). <b>ECON 103-4 is a B-Soc course and counts towards these breadth requirements. Therefore, in this option, students have to take two more breadth courses, one of which must be a B-Hum category course (at least 3 units) to fulfil the requirement.</b> Since ECON 103-4 is a B-Soc course, for these students at least one complementary elective should be from the B-Hum category and at least one should be from the Central Issue, Methodology, and Thought Process category as required by CEAB. Please note that the same course can satisfy both of these requirements and the other complementary elective course can be any other course from either of the two categories listed below. A list of complementary studies electives can be found at <a href="http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html">http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html</a>. Other courses may be acceptable with undergraduate curriculum committee chair approval.</del> ...</p> <p>WQB Requirement Modifications for Engineering Science Students</p> <p>For engineering science students, these university requirements are modified as follows.</p> <ul style="list-style-type: none"><li>• for students in the engineering physics option, the total number of Breadth-Social Sciences (B-Soc) and Breadth-Humanities (B-Hum) courses is reduced to three courses, with at least one course in each category. <b>ECON 103-4 is a B-Soc course</b></li></ul>
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~~In addition, the Canadian Engineering Accreditation Board (CEAB) requires that one complementary studies elective in the ENSC curriculum must be in the Central Issue, Methodology, and Thought Process category.~~



<b>Name of Program or Name of Faculty</b> School of Engineering Science
<b>Rationale for change:</b> Based on discussions with PHYSICS UCC, ENSC would like to remove PHYS233 from the Core course requirement for Engineering Physics Students as this course does not serve as pre-requisite for any other Physics courses that our Eng-Phys take for their program. Also, most of the learning outcome of PHYS233 is received by ENSC students from other mandatory courses such as ENSC280, ENSC320 and ENSC380. We also would like to introduce Quantum-I in the core and move PHYS385 Quantum-II into Electives. We also would like to add PHYS416 as an additional Elective to our Engineering Physics students in the event the student would like to gain expertise in Quantum Physics for further graduate studies.
<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b>  Engineering Science, Engineering Physics Option Honours

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<h3>Core Course Requirements</h3> <p>The following core courses are required for the engineering science honours program in engineering physics and cannot be substituted for "equivalent" courses in other areas without prior approval by the school. "Equivalent" courses taken without prior approval will not be applied to graduation requirements. Students should consult an academic advisor within their program for details on obtaining permission.</p> <p>---</p> <p>PHYS 120 - Mechanics and Modern Physics (3) PHYS 121 - Optics, Electricity and Magnetism (3) PHYS 211 - Intermediate Mechanics (3) <del>PHYS 233 - Physics Laboratory III (3)</del> <b>PHYS 285 - Quantum I (3)</b> PHYS 321 - Intermediate Electricity and Magnetism (3) PHYS 344 - Thermal Physics (3) PHYS 384 - Methods of Theoretical Physics I (3)</p>
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~~PHYS 385 – Quantum II (3)~~

PHYS 421 - Electromagnetic Waves (3)

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#### Physics Electives

In addition to the required physics courses and engineering science and design electives, students must also complete 3 physics electives selected from the list below, at least one of which must be a 400-level physics course.

PHYS 347 - Introduction to Biological Physics (3)

**PHYS 385 – Quantum II (3)**

PHYS 390 - Introduction to Cosmology and Astrophysics (3)

PHYS 395 - Computational Physics (3)

PHYS 413 - Advanced Mechanics (3)

PHYS 415 - Quantum III (3)

**PHYS 416 – Introduction to Quantum Information Science (3)**

PHYS 445 - Statistical Physics (3)

PHYS 465 - Solid State Physics (3)

PHYS 485 - Particle Physics (3)

PHYS 490 - General Relativity and Gravitation (3)

Alternative PHYS courses not on this list (such as 400-level special topics PHYS courses) may be used with prior approval from the ENSC UCC by filing an on-line appeal form (<https://courses.cs.sfu.ca/forms/>).



<p><b>Name of Program or Name of Faculty</b> Social Data Analytics / FASS</p>
<p><b>Rationale for change:</b></p> <p>Updating calendar language to include new course requirements and changes to elective offerings.</p>
<p><b>Effective term and year:</b> Fall 2025</p>
<p><b>The following program(s) will be affected by these changes:</b></p> <p>Social Data Analytics Minor</p>

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<p><b>Program Requirements</b> Students must complete at least 27 units as follows:</p> <p>Complete all of:  <b>SDA 100 - Data Visualization (3)</b>            SDA 250 - Computational Text Analysis (4) or LING 250 - Computational Text Analysis (4)            SDA 270 - Data, Ethics and Society (3) or PHIL 270 - Data, Ethics and Society (3)            SDA 490 - Capstone Project Seminar (5)</p> <p>Complete one of:            ECON 233 - Introduction to Economic Data and Statistics (3)            POL 201 - Introductory Quantitative Methods in Political Science (4)  <b>PSYC 210 - Introduction to Data Analysis in Psychology (4)</b>            STAT 203 - Introduction to Statistics for the Social Sciences (3)</p> <p><del>Complete one of:            ECON 334 - Data Visualization and Economic Analysis (3)            POL 390 - Data Visualization and Political Analysis (3)            STAT 240 - Introduction to Data Science (3)            STAT 310 - Introduction to Data Science for the Social Sciences (4)</del></p> <p>Elective Requirements Students complete a total of at least nine elective units, as follows:</p>
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No more than ~~four units of which may come from one of:~~  
 CMNS 353 - Topics in Science, Technology and Society (4)  
 ENGL 363 - Studies in Media Cultures (4)  
 GSWS 399 - Gender, Sex and Numbers (4)  
 POL 318 - Fake News and Alt-Facts: Navigating Post-Truths Politics (4)  
 POL 426W - Political Behavior (4)

**No more than one of:**

**ECON 334 - Data Visualization and Economic Analysis (3)**  
**POL 390 - Data Visualization and Political Analysis (3)**  
**STAT 240 - Introduction to Data Science (3)**  
**STAT 310 - Introduction to Data Science for the Social Sciences (4)**

Any of:

ECON 329 - Experimental Economics (3)  
 ECON 335 - Cause and Effect in Economic Data (3)  
 ECON 435 - Econometric Methods (5)  
 GEOG 255 - Geographical Information Science I (3)  
 GEOG 355 - Geographical Information Science II (4)  
 LING 450 - Computational Linguistics (3)  
 PHIL 315 - Formal Methods (3)  
 POL 315 - Intermediate Quantitative Methods (4)  
 POL 488 - Topics in Empirical Research Design and Analysis (4)  
 STAT 302 - Analysis of Experimental and Observational Data (3)  
 STAT 360 - Advanced R for Data Science (3)  
 STAT 452 - Statistical Learning and Prediction (3)

With approval of the program director, up to six units of relevant courses from other departments may be counted for the minor.



<b>Name of Program or Name of Faculty</b> Department of Global Humanities
<b>Rationale for change:</b> Updating Calendar listing to indicate participation in Accelerated Master's Program
<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b>  Global Humanities Major

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use "to" and "from" sections.

Global Humanities Major  [...]  Concentration in Public Engagement and Intellectual Culture  [...]  HUM 382 - Selected Topics in Asian Art and Cultures (4)  <b>Accelerated Master's</b> <b>SFU students accepted in the accelerated master's within the Department of Global Humanities may apply a maximum of 10 graduate course units, taken while completing the bachelor's degree, towards the upper division electives of the bachelor's program and the requirements of the master's degree. For more information go to: <a href="https://www.sfu.ca/gradstudies/apply/programs/accelerated-masters.html">https://www.sfu.ca/gradstudies/apply/programs/accelerated-masters.html</a>.</b>
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<b>Name of Program or Name of Faculty</b> Department of Linguistics
<b>Rationale for change:</b> To enhance flexibility in student progress through the program and to better reflect current trends in linguistics.
<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b> Linguistics Major

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

Upper Division Requirements
<del>Students complete both of</del>
<del>LING 321 - Phonology (3)</del>
<del>LING 322 - Syntax (3)</del>
<del>and one of</del>
<del>LING 301W - Linguistic Argumentation (3)</del>
<del>LING 309W - Sociolinguistics (3)</del>
<del>LING 482W - Topics in Linguistics III (3)</del>
<del>and any two of</del>
<del>LING 323 - Morphology (3)</del>
<del>LING 324 - Semantics (3)</del>
<del>LING 330 - Phonetics (3)</del>
<del>and 15 additional upper division units in LING and/or INLG courses.</del>
<b>Students complete one of</b>
<b>LING 301W - Linguistic Argumentation (3)</b>
<b>LING 309W - Sociolinguistics (3)</b>
<b>and 27 additional upper division units in LING and/or INLG courses.</b>
<b>(...)</b>



**Name of Program or Name of Faculty**

Department of Linguistics

**Rationale for change:**

To enhance flexibility in student progress through the program and to better reflect current trends in linguistics.

**Effective term and year:** Fall 2025

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

Linguistics Honours

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

Upper Division Requirements

~~Students complete all of~~

~~LING 321 – Phonology (3)~~

~~LING 322 – Syntax (3)~~

~~LING 490 – Honours Essay (3)~~

~~and one of~~

~~LING 301W – Linguistic Argumentation (3)~~

~~LING 309W – Sociolinguistics (3)~~

~~LING 482W – Topics in Linguistics III (3)~~

~~and any two of~~

~~LING 323 – Morphology (3)~~

~~LING 324 – Semantics (3)~~

~~LING 330 – Phonetics (3)~~

~~and 30 additional upper division units in LING and/or INLG courses.~~

**Students complete**

**LING 490 - Honours Essay (3)**



**and one of**

**LING 301W - Linguistic Argumentation (3)**

**LING 309W - Sociolinguistics (3)**

**and 42 additional upper division units in LING and/or INLG courses.**

**With prior approval of the department, students may complete a maximum of 6 upper division units of relevant courses from outside the Department of Linguistics (courses offered at Simon Fraser University or exchanges).**

**(...)**



<b>Name of Program or Name of Faculty: Urban Studies</b>
<p><b>Rationale for change:</b></p> <p>(1) We are requesting a modification to the calendar entry for the Urban Studies stream under the BA in Urban Worlds program to address a discrepancy in the upper division unit requirements. Rationale for this modification request is to ensure alignment with SFU’s university-wide standards for upper division unit requirements of 28 units; ensure consistency and transparency in program requirements and prevent potential issues with degree audits or graduation eligibility.</p> <p>(2) We propose adding URB 467 – Housing Studies to the calendar as an option within the three key Upper Division Requirements. This course broadens upper-division offerings with a focus on housing studies, enriching the curriculum with specialized topics and advanced learning opportunities.</p> <p>(3) We propose adding IS 385 – Divided Cities: Urban Segregation Through a Global Lens under the <i>Bridging Interdisciplinary Understandings of the City</i> category. This course enhances the program’s interdisciplinary scope, offering students a global perspective on urban segregation and critical urban challenges.</p> <p><b>Note:</b> All proposed modifications requested here has been discussed with, and approved by, the Department of Geography, Faculty of Environment.</p>
<b>Effective term and year:</b> Fall 2025
<p><b>The following program(s) will be affected by these changes:</b> Urban Worlds Major</p>

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<p>Urban Studies Stream (...) Upper Division Requirements</p> <p><b>Students must complete a minimum of 28 upper division units from courses within the major (including the capstone course and the requirements specified below).</b></p> <p>Students complete three of:</p> <p>HIST 372 - City Life (4) HUM 340 - Great Cities in Their Time (4) SA 364 - Urban Communities and Cultures (A) (4)</p>
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URB 413 - Storyscapes: Decolonizing the City Through Arts and Culture (4)  
 URB 423 - Women in Cities: A Critical Intersectional Perspective (4)  
 URB 463 - Diversity and Equity in Cities (4)  
**URB 467 – Housing Studies (4)**

(...)

Bridging Interdisciplinary: Understandings of the City

GEOG 364 - Cities and Crisis (4)  
 GEOG 365 - Race, Resistance and Urban Space (4)  
 GSWS 305 - Gendering Economy: Paid and Unpaid Labour (4)  
 GSWS 312 - Gendering Borders and Belonging in Migration (4)  
 GSWS 350 - Public Policy for Women (4)  
 HSCI 403 - Health and the Built Environment (3)  
 INDG 353W - Indigenous Heritage Stewardship (3)  
 INDG 403 - Indigenous Knowledge in the Modern World (3)  
 INDG 433 - Indigenous Environmental Justice and Activism (4)  
 IS 325 - Social Movements in a Changing Africa (4)  
 IS 333 - Chinese Development and Its Discontents (4)  
 IS 373 - Global Environmental Politics (4)  
**IS 385 – Divided Cities: Urban Segregation Through a Global**  
 LBST 308 - The Labour Process: Technological Change and the Future of Work (3)  
 LBST 312 - Migration, Migrants, and Work: A Global Perspective (3)  
 LBST 328 - Labour Geographies (4)  
 REM 350 - Energy Management for a Sustainable Climate and Society (4)  
 (...)

**Name of Program or Name of Faculty**

Beedie School of Business

**Rationale for change:**

Lower Division Business Minor requirements were reviewed with goals to support the student completion of the business minor, improve students' experience and deepen their business journey. The changes became effective Fall 2025 and the change proposed now is to ensure Business Minor admission requirements align with Business Minor program requirements. Reducing the number of courses required for admission encourages earlier admission to the program, and facilitates earlier engagement in the program and access to upper division courses.

**Effective term and year:**

Fall 2025

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

Beedie School of Business Minor Admission Requirements - <https://www.sfu.ca/students/calendar/faculties-research/faculty-business/admission-requirements.html>

**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**.

**Minor Admission Requirements**

To be considered for admission to the minor, students must have completed the five lower division required courses with a minimum C- grade. Cumulative grade point average will be used to determine admission to the minor program within the Beedie School of Business. Students should review course equivalencies as stated in the SFU Calendar.

A minimum overall cumulative grade point average of 2.30 is required for admission to the business minor program.

Students complete both

- BUS 200 - Business Fundamentals (3)
- BUS 251 - Financial Accounting I (3)

and one of

- ECON 103 - Principles of Microeconomics (4)
- ECON 113 - Introduction to Microeconomics (3)

and ~~two~~ **one** of\*

- BUS 221 - Personal Finance (3)
- BUS 233 - Introduction to Business Law and Ethics (3)
- BUS 237 - Introduction to Business Technology Management (3)
- ~~BUS 240 - Introduction to Innovation (3)~~
- ~~BUS 272 - Behaviour in Organizations (3)~~
- BUS 275 - Business in a Sustainable Society (3)

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

- BUS 216 - Introduction to Essentials of Business Communications (3)
- ECON 105 - Principles of Macroeconomics (4)
- ECON 115 - Introduction to Macroeconomics (3)
- 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)

**APPLICATION PROCEDURES**

Applicants should apply to the faculty after they have completed the five required lower division courses. Students not accepted upon initial application may reapply. Unsuccessful applicants are permitted to appeal.

**Name of Program or Name of Faculty**

School of Communication, FCAT

**Rationale for change:** Increasing 2<sup>nd</sup> year course requirement from 5 to 7 and increase Upper-Level course requirements (by 1 or 2 courses, depending on the program) for Major, Honours, Joint Majors, and Extended Minor programs in Communication.

Our Communication program has traditionally required fewer courses than comparable programs, such as SIAT, which may result in graduates with a less extensive theoretical foundation and applied skill set. Increasing second-year course requirements ensures students develop essential research, analytical, and methodological skills before advancing to upper-division coursework, where they engage more deeply in capstone projects, independent studies, and research-intensive courses that strengthen post-graduate competency.

Faculty and teaching assistants have expressed concerns about gaps in student knowledge as they progress through the program. Expanding course requirements helps students master key competencies before moving into advanced coursework. Additional major courses also allow for greater specialization, ensuring graduates leave with stronger expertise and practical experience in Communication.

Raising upper-level course requirements further enhances students' ability to synthesize concepts, conduct independent research, and apply theoretical frameworks to real-world communication challenges. These courses demand advanced analytical, writing, and methodological skills, equipping students with the critical thinking and specialized competencies needed for graduate studies and professional careers.

A smaller number of advanced courses can limit students' ability to develop deep expertise in their field or engage in complex inquiry and problem-solving. Expanding upper-division requirements ensures students gain the analytical, communication, and project management skills necessary for success in research, graduate studies, and professional careers.

We hope that by better aligning with industry and academic standards, we strengthen the program's rigor and equip graduates to succeed in their post-graduation life.

**Effective term and year:**

Fall 2025

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

- Communication Major




**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

## Program Requirements

Students complete 120 units, as specified below.

### Lower Division Requirements

Students complete all of

CMNS 110 - Introduction to Communication Studies (3)  
CMNS 120W - Creativity and Communication Across Media (3)  
CMNS 130 - Communication and Social Change (3)

and at least ~~five~~ **seven** 200 level CMNS courses, including

CMNS 201W - Empirical Communication Research Methods (4) \* or CMNS 201 - Empirical Communication Research Methods (4) \*  
CMNS 202 - Design and Method in Qualitative Communication Research (4)

\* completion of this quantitative (Q) course satisfies part of the university's Q requirement.

### Upper Division Requirements

A minimum total of 44 upper division units are required, to include the following:

- ~~Seven~~ **Eight** upper division CMNS courses, at least ~~five~~ **six** must be taken at SFU.
- Minimum total of ~~28~~ **32** upper division units in CMNS.
- Including a minimum of ~~two~~ **three** 400 level CMNS courses, at least ~~one~~ **two** must be taken at SFU.
- Including one upper division CMNS "W" course

Directed study and field placement courses may not be used to meet this requirement.

**Name of Program or Name of Faculty**

School of Communication, FCAT

**Rationale for change:** Increasing 2<sup>nd</sup> year course requirement from 5 to 7 and increase Upper-Level course requirements (by 1 or 2 courses, depending on the program) for Major, Honours, Joint Majors, and Extended Minor programs in Communication.

Our Communication program has traditionally required fewer courses than comparable programs, such as SIAT, which may result in graduates with a less extensive theoretical foundation and applied skill set. Increasing second-year course requirements ensures students develop essential research, analytical, and methodological skills before advancing to upper-division coursework, where they engage more deeply in capstone projects, independent studies, and research-intensive courses that strengthen post-graduate competency.

Faculty and teaching assistants have expressed concerns about gaps in student knowledge as they progress through the program. Expanding course requirements helps students master key competencies before moving into advanced coursework. Additional major courses also allow for greater specialization, ensuring graduates leave with stronger expertise and practical experience in Communication.

Raising upper-level course requirements further enhances students' ability to synthesize concepts, conduct independent research, and apply theoretical frameworks to real-world communication challenges. These courses demand advanced analytical, writing, and methodological skills, equipping students with the critical thinking and specialized competencies needed for graduate studies and professional careers.

A smaller number of advanced courses can limit students' ability to develop deep expertise in their field or engage in complex inquiry and problem-solving. Expanding upper-division requirements ensures students gain the analytical, communication, and project management skills necessary for success in research, graduate studies, and professional careers.

We hope that by better aligning with industry and academic standards, we strengthen the program's rigor and equip graduates to succeed in their post-graduation life.

**Note:** For the Honours program specifically, we have introduced new requirements which will be effective Fall 2025. In this form, we are proposing an increase of 2<sup>nd</sup> year course requirements from 5 to 7, plus changing the residency requirement from 7 to 8 UD courses in CMNS that need to be taken at SFU. Please note that the current language in the calendar about Option A and B for our Honours program will be replaced for Fall 2025 with changes that passed senate in fall 2024.



**Effective term and year:**

Fall 2025

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

- Communication Honours

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

### Lower Division Requirements

Students complete all of

CMNS 110 - Introduction to Communication Studies (3)

CMNS 120W - Creativity and Communication Across Media (3)

CMNS 130 - Communication and Social Change (3)

and at least ~~five~~ **seven** 200 level CMNS courses, including

CMNS 201W - Empirical Communication Research Methods (4) \* or CMNS 201 - Empirical Communication Research Methods (4) \*

CMNS 202 - Design and Method in Qualitative Communication Research (4)

\* completion of this quantitative (Q) course satisfies part of the university's Q requirement.

### Upper Division Requirements

A minimum total of 60 upper division units is required of which 48 upper division units must be in CMNS

- Eleven upper division CMNS courses at least ~~seven~~ **eight** must be taken at SFU

(...)



**Name of Program or Name of Faculty**

School of Communication, FCAT

**Rationale for change:** Increasing 2<sup>nd</sup> year course requirement from 5 to 7 and increase Upper-Level course requirements (by 1 or 2 courses, depending on the program) for Major, Honours, Joint Majors, and Extended Minor programs in Communication.

Our Communication program has traditionally required fewer courses than comparable programs, such as SIAT, which may result in graduates with a less extensive theoretical foundation and applied skill set. Increasing second-year course requirements ensures students develop essential research, analytical, and methodological skills before advancing to upper-division coursework, where they engage more deeply in capstone projects, independent studies, and research-intensive courses that strengthen post-graduate competency.

Faculty and teaching assistants have expressed concerns about gaps in student knowledge as they progress through the program. Expanding course requirements helps students master key competencies before moving into advanced coursework. Additional major courses also allow for greater specialization, ensuring graduates leave with stronger expertise and practical experience in Communication.

Raising upper-level course requirements further enhances students' ability to synthesize concepts, conduct independent research, and apply theoretical frameworks to real-world communication challenges. These courses demand advanced analytical, writing, and methodological skills, equipping students with the critical thinking and specialized competencies needed for graduate studies and professional careers.

A smaller number of advanced courses can limit students' ability to develop deep expertise in their field or engage in complex inquiry and problem-solving. Expanding upper-division requirements ensures students gain the analytical, communication, and project management skills necessary for success in research, graduate studies, and professional careers.

We hope that by better aligning with industry and academic standards, we strengthen the program's rigor and equip graduates to succeed in their post-graduation life.

**Effective term and year:**

Fall 2025

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

Anthropology and Communication Joint Major




**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

### Lower Division Communication Requirements

Students complete all of

- CMNS 110 - Introduction to Communication Studies (3)
- CMNS 120W - Creativity and Communication Across Media (3)
- CMNS 130 - Communication and Social Change (3)

and at least ~~five~~ **seven** 200 level CMNS courses, including

- CMNS 201W - Empirical Communication Research Methods (4) \* or CMNS 201 - Empirical Communication Research Methods (4) \*
- CMNS 202 - Design and Method in Qualitative Communication Research (4)

\* completion of this quantitative (Q) course satisfies part of the University's Q requirement.  
(...)

### Upper Division Communication Requirements

Students complete ~~six~~ **seven** upper division CMNS courses (minimum of ~~24~~ **28** upper division units).

Directed study and field placement courses may not be used to meet this requirement.

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**Name of Program or Name of Faculty**

School of Communication, FCAT

**Rationale for change:** Increasing 2<sup>nd</sup> year course requirement from 5 to 7 and increase Upper-Level course requirements (by 1 or 2 courses, depending on the program) for Major, Honours, Joint Majors, and Extended Minor programs in Communication.

Our Communication program has traditionally required fewer courses than comparable programs, such as SIAT, which may result in graduates with a less extensive theoretical foundation and applied skill set. Increasing second-year course requirements ensures students develop essential research, analytical, and methodological skills before advancing to upper-division coursework, where they engage more deeply in capstone projects, independent studies, and research-intensive courses that strengthen post-graduate competency.

Faculty and teaching assistants have expressed concerns about gaps in student knowledge as they progress through the program. Expanding course requirements helps students master key competencies before moving into advanced coursework. Additional major courses also allow for greater specialization, ensuring graduates leave with stronger expertise and practical experience in Communication.

Raising upper-level course requirements further enhances students' ability to synthesize concepts, conduct independent research, and apply theoretical frameworks to real-world communication challenges. These courses demand advanced analytical, writing, and methodological skills, equipping students with the critical thinking and specialized competencies needed for graduate studies and professional careers.

A smaller number of advanced courses can limit students' ability to develop deep expertise in their field or engage in complex inquiry and problem-solving. Expanding upper-division requirements ensures students gain the analytical, communication, and project management skills necessary for success in research, graduate studies, and professional careers.

We hope that by better aligning with industry and academic standards, we strengthen the program's rigor and equip graduates to succeed in their post-graduation life.

**Effective term and year:**

Fall 2025

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

Business and Communication Joint Major



**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

## Communication Lower Division Requirements

Students complete all of

CMNS 110 - Introduction to Communication Studies (3)  
CMNS 120W - Creativity and Communication Across Media (3)  
CMNS 130 - Communication and Social Change (3)

and at least ~~five~~ **seven** 200 level CMNS courses including

CMNS 201W - Empirical Communication Research Methods (4) \* or CMNS 201 - Empirical Communication Research Methods (4) \*  
CMNS 202 - Design and Method in Qualitative Communication Research (4)  
CMNS 221 - Media and Popular Cultures (3)

and any

~~two~~ **four** 200 level CMNS courses.

(...)

## Communication Upper Division Requirements

Students complete ~~six~~ **seven** upper division CMNS courses (minimum of ~~24~~ **28** upper division units) including

CMNS 425 is recommended but not required.

Directed study and field placement courses may not be used to meet this requirement.



**Name of Program or Name of Faculty**

School of Communication, FCAT

**Rationale for change:** Increasing 2<sup>nd</sup> year course requirement from 5 to 7 and increase Upper-Level course requirements (by 1 or 2 courses, depending on the program) for Major, Honours, Joint Majors, and Extended Minor programs in Communication.

Our Communication program has traditionally required fewer courses than comparable programs, such as SIAT, which may result in graduates with a less extensive theoretical foundation and applied skill set. Increasing second-year course requirements ensures students develop essential research, analytical, and methodological skills before advancing to upper-division coursework, where they engage more deeply in capstone projects, independent studies, and research-intensive courses that strengthen post-graduate competency.

Faculty and teaching assistants have expressed concerns about gaps in student knowledge as they progress through the program. Expanding course requirements helps students master key competencies before moving into advanced coursework. Additional major courses also allow for greater specialization, ensuring graduates leave with stronger expertise and practical experience in Communication.

Raising upper-level course requirements further enhances students' ability to synthesize concepts, conduct independent research, and apply theoretical frameworks to real-world communication challenges. These courses demand advanced analytical, writing, and methodological skills, equipping students with the critical thinking and specialized competencies needed for graduate studies and professional careers.

A smaller number of advanced courses can limit students' ability to develop deep expertise in their field or engage in complex inquiry and problem-solving. Expanding upper-division requirements ensures students gain the analytical, communication, and project management skills necessary for success in research, graduate studies, and professional careers.

We hope that by better aligning with industry and academic standards, we strengthen the program's rigor and equip graduates to succeed in their post-graduation life.

**Effective term and year:**

Fall 2025

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

Communication and Interactive Arts and Technology Joint Major BA




**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

## Lower Division Requirements

### COMMUNICATION

Students complete all of

- CMNS 110 - Introduction to Communication Studies (3)
- CMNS 120W - Creativity and Communication Across Media (3)
- CMNS 130 - Communication and Social Change (3)

and at least ~~five~~ **seven** 200 level CMNS courses including

- CMNS 201W - Empirical Communication Research Methods (4) \* or CMNS 201 - Empirical Communication Research Methods (4) \*
- CMNS 202 - Design and Method in Qualitative Communication Research (4)

and one of

- CMNS 226 - Digital Media Communication Techniques (3)
- CMNS 258 - History of Sound in Media (3)

\*completion of this quantitative (Q) course satisfies part of the University's Q requirement.

(...)

## Upper Division Requirements

### COMMUNICATION

Students complete ~~five~~ **seven** upper division CMNS courses (minimum of ~~22~~ **28** upper division units) including

- CMNS 362 - Evaluation Methods for Applied Communication Research (4)
- ~~two~~ **three** upper division CMNS courses of the student's choice
- ~~two~~ **three** upper division CMNS courses from ~~one of~~ the following ~~three groups~~ **courses:**

~~GROUP ONE~~

CMNS 426 - Video Design for Social Communication (4)  
 CMNS 428 - Media Analysis Project Group (4)  
 CMNS 437 - Media Democratization: From Critique to Transformation (4)  
**CMNS 458: Advanced Topics in Sound, Media, and Culture (4)**

~~GROUP TWO~~

CMNS 353 - Topics in Science, Technology and Society (4)  
 CMNS 446 - Communication, Science and Technology (4)  
 CMNS 453 - Issues in the Information Society (4)  
~~CMNS 454 - Computer Supported Cooperative Work: Critical Perspectives (4)~~  
 CMNS 455W - Feminist Approaches to Science and Technology (4)

~~GROUP THREE~~

~~CMNS 333 - Digital Policies in a Global Context: Current Issues, Concepts and Analysis (4)~~  
~~CMNS 433 - Issues in Communication and Cultural Policy (4)~~  
~~CMNS 444 - Political Economy of International Communication (4)~~  
~~CMNS 446 - Communication, Science and Technology (4)~~  
~~CMNS 455W - Feminist Approaches to Science and Technology (4)~~

Directed study and field placement courses may not be used to meet this requirement.



**Name of Program or Name of Faculty**

School of Communication, FCAT

**Rationale for change:** Increasing 2<sup>nd</sup> year course requirement from 5 to 7 and increase Upper-Level course requirements (by 1 or 2 courses, depending on the program) for Major, Honours, Joint Majors, and Extended Minor programs in Communication.

Our Communication program has traditionally required fewer courses than comparable programs, such as SIAT, which may result in graduates with a less extensive theoretical foundation and applied skill set. Increasing second-year course requirements ensures students develop essential research, analytical, and methodological skills before advancing to upper-division coursework, where they engage more deeply in capstone projects, independent studies, and research-intensive courses that strengthen post-graduate competency.

Faculty and teaching assistants have expressed concerns about gaps in student knowledge as they progress through the program. Expanding course requirements helps students master key competencies before moving into advanced coursework. Additional major courses also allow for greater specialization, ensuring graduates leave with stronger expertise and practical experience in Communication.

Raising upper-level course requirements further enhances students' ability to synthesize concepts, conduct independent research, and apply theoretical frameworks to real-world communication challenges. These courses demand advanced analytical, writing, and methodological skills, equipping students with the critical thinking and specialized competencies needed for graduate studies and professional careers.

A smaller number of advanced courses can limit students' ability to develop deep expertise in their field or engage in complex inquiry and problem-solving. Expanding upper-division requirements ensures students gain the analytical, communication, and project management skills necessary for success in research, graduate studies, and professional careers.

We hope that by better aligning with industry and academic standards, we strengthen the program's rigor and equip graduates to succeed in their post-graduation life.

**Effective term and year:**

Fall 2025

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

Communication and Interactive Arts and Technology Joint Major BSc



**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

## Lower Division Requirements

### COMMUNICATION

Students complete all of

CMNS 110 - Introduction to Communication Studies (3)  
CMNS 120W - Creativity and Communication Across Media (3)  
CMNS 130 - Communication and Social Change (3)

and at least ~~five~~ **seven** 200 level CMNS courses, including

CMNS 201W - Empirical Communication Research Methods (4) \* or CMNS 201 - Empirical Communication Research Methods (4) \*  
CMNS 202 - Design and Method in Qualitative Communication Research (4)

and one of

CMNS 226 - Digital Media Communication Techniques (3)  
CMNS 258 - History of Sound in Media (3)

\*completion of this quantitative (Q) course satisfies part of the University's Q requirement.

(...)

## Upper Division Requirements

### COMMUNICATION

Students complete ~~five~~ **seven** upper division CMNS courses (minimum of ~~22~~ **28** upper division units) including

- CMNS 362 - Evaluation Methods for Applied Communication Research (4)
- ~~two~~ **three** upper division CMNS courses of the student's choice
- ~~two~~ **three** upper division CMNS courses from ~~one~~ of the following ~~three groups~~ **courses:**

### ~~GROUP ONE~~



CMNS 426 - Video Design for Social Communication (4)  
CMNS 428 - Media Analysis Project Group (4)  
CMNS 437 - Media Democratization: From Critique to Transformation (4)  
**CMNS 458 - Advanced Topics in Sound, Media, and Culture (4)**

~~GROUP TWO~~

CMNS 353 - Topics in Science, Technology and Society (4)  
CMNS 446 - Communication, Science and Technology (4)  
CMNS 453 - Issues in the Information Society (4)  
CMNS 455W - Feminist Approaches to Science and Technology (4)

~~GROUP THREE~~

~~CMNS 333 - Digital Policies in a Global Context: Current Issues, Concepts and Analysis (4)~~  
~~CMNS 433 - Issues in Communication and Cultural Policy (4)~~  
~~CMNS 444 - Political Economy of International Communication (4)~~  
~~CMNS 446 - Communication, Science and Technology (4)~~  
~~CMNS 455W - Feminist Approaches to Science and Technology (4)~~

Directed study and field placement courses may not be used to meet this requirement.



**Name of Program or Name of Faculty**

School of Communication, FCAT

**Rationale for change:** Increasing 2<sup>nd</sup> year course requirement from 5 to 7 and increase Upper-Level course requirements (by 1 or 2 courses, depending on the program) for Major, Honours, Joint Majors, and Extended Minor programs in Communication.

Our Communication program has traditionally required fewer courses than comparable programs, such as SIAT, which may result in graduates with a less extensive theoretical foundation and applied skill set. Increasing second-year course requirements ensures students develop essential research, analytical, and methodological skills before advancing to upper-division coursework, where they engage more deeply in capstone projects, independent studies, and research-intensive courses that strengthen post-graduate competency.

Faculty and teaching assistants have expressed concerns about gaps in student knowledge as they progress through the program. Expanding course requirements helps students master key competencies before moving into advanced coursework. Additional major courses also allow for greater specialization, ensuring graduates leave with stronger expertise and practical experience in Communication.

Raising upper-level course requirements further enhances students' ability to synthesize concepts, conduct independent research, and apply theoretical frameworks to real-world communication challenges. These courses demand advanced analytical, writing, and methodological skills, equipping students with the critical thinking and specialized competencies needed for graduate studies and professional careers.

A smaller number of advanced courses can limit students' ability to develop deep expertise in their field or engage in complex inquiry and problem-solving. Expanding upper-division requirements ensures students gain the analytical, communication, and project management skills necessary for success in research, graduate studies, and professional careers.

We hope that by better aligning with industry and academic standards, we strengthen the program's rigor and equip graduates to succeed in their post-graduation life.

**Effective term and year:**

Fall 2025

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

English and Communication Joint Major




**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

## Lower Division Communication Requirements

Students complete all of

- CMNS 110 - Introduction to Communication Studies (3)
- CMNS 120W - Creativity and Communication Across Media (3)
- CMNS 130 - Communication and Social Change (3)

and at least ~~five~~ **seven** 200 level CMNS courses, including

- CMNS 201W - Empirical Communication Research Methods (4) \* or CMNS 201 - Empirical Communication Research Methods (4) \*
- CMNS 202 - Design and Method in Qualitative Communication Research (4)

Students wishing to joint major in English and communication are strongly advised to submit a formal declaration to this effect to the undergraduate advisors (in English and in communication) upon completing all lower division requirements in both units.

\* completion of this quantitative (Q) course satisfies part of the University's Q requirement.

(...)

## Upper Division Communication Requirements

Students complete ~~six~~ **seven** upper division CMNS courses (minimum of ~~24~~ **28** upper division units) including ~~one of~~

- CMNS 304W - Communication in Everyday Life (4)

and ~~one~~ **two** of any 400 level CMNS course.



CMNS Directed Study, Field Placement, and Project Group courses may not be used to meet this requirement.



**Name of Program or Name of Faculty**

School of Communication, FCAT

**Rationale for change:** Increasing 2<sup>nd</sup> year course requirement from 5 to 7 and increase Upper-Level course requirements (by 1 or 2 courses, depending on the program) for Major, Honours, Joint Majors, and Extended Minor programs in Communication.

Our Communication program has traditionally required fewer courses than comparable programs, such as SIAT, which may result in graduates with a less extensive theoretical foundation and applied skill set. Increasing second-year course requirements ensures students develop essential research, analytical, and methodological skills before advancing to upper-division coursework, where they engage more deeply in capstone projects, independent studies, and research-intensive courses that strengthen post-graduate competency.

Faculty and teaching assistants have expressed concerns about gaps in student knowledge as they progress through the program. Expanding course requirements helps students master key competencies before moving into advanced coursework. Additional major courses also allow for greater specialization, ensuring graduates leave with stronger expertise and practical experience in Communication.

Raising upper-level course requirements further enhances students' ability to synthesize concepts, conduct independent research, and apply theoretical frameworks to real-world communication challenges. These courses demand advanced analytical, writing, and methodological skills, equipping students with the critical thinking and specialized competencies needed for graduate studies and professional careers.

A smaller number of advanced courses can limit students' ability to develop deep expertise in their field or engage in complex inquiry and problem-solving. Expanding upper-division requirements ensures students gain the analytical, communication, and project management skills necessary for success in research, graduate studies, and professional careers.

We hope that by better aligning with industry and academic standards, we strengthen the program's rigor and equip graduates to succeed in their post-graduation life.

**Effective term and year:**

Fall 2025

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

Sociology and Communication Joint Major



**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

## Lower Division Communication Requirements

Students complete all of

CMNS 110 - Introduction to Communication Studies (3)  
CMNS 120W - Creativity and Communication Across Media (3)  
CMNS 130 - Communication and Social Change (3)

and at least ~~five~~ **seven** 200 level CMNS courses, including

CMNS 201W - Empirical Communication Research Methods (4) \* or CMNS 201 - Empirical Communication Research Methods (4) \*  
CMNS 202 - Design and Method in Qualitative Communication Research (4)

\* completion of this quantitative (Q) course satisfies part of the University's Q requirement.

(...)

## Upper Division Communication Requirements

Students complete ~~six~~ **seven** upper division CMNS courses (minimum of ~~24~~**28** upper division units).

Directed study and field placement courses may not be used to meet this requirement.



**Name of Program or Name of Faculty**

School of Communication, FCAT

**Rationale for change:** Increasing 2<sup>nd</sup> year course requirement from 5 to 7 and increase Upper-Level course requirements (by 1 or 2 courses, depending on the program) for Major, Honours, Joint Majors, and Extended Minor programs in Communication.

Our Communication program has traditionally required fewer courses than comparable programs, such as SIAT, which may result in graduates with a less extensive theoretical foundation and applied skill set. Increasing second-year course requirements ensures students develop essential research, analytical, and methodological skills before advancing to upper-division coursework, where they engage more deeply in capstone projects, independent studies, and research-intensive courses that strengthen post-graduate competency.

Faculty and teaching assistants have expressed concerns about gaps in student knowledge as they progress through the program. Expanding course requirements helps students master key competencies before moving into advanced coursework. Additional major courses also allow for greater specialization, ensuring graduates leave with stronger expertise and practical experience in Communication.

Raising upper-level course requirements further enhances students' ability to synthesize concepts, conduct independent research, and apply theoretical frameworks to real-world communication challenges. These courses demand advanced analytical, writing, and methodological skills, equipping students with the critical thinking and specialized competencies needed for graduate studies and professional careers.

A smaller number of advanced courses can limit students' ability to develop deep expertise in their field or engage in complex inquiry and problem-solving. Expanding upper-division requirements ensures students gain the analytical, communication, and project management skills necessary for success in research, graduate studies, and professional careers.

We hope that by better aligning with industry and academic standards, we strengthen the program's rigor and equip graduates to succeed in their post-graduation life.

**Effective term and year:**

Fall 2025

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

Communication Extended Minor



**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

## Lower Division Requirements

Students complete the same lower division requirements as for the school's major program as follows.

Students complete all of

CMNS 110 - Introduction to Communication Studies (3)  
CMNS 120W - Creativity and Communication Across Media (3)  
CMNS 130 - Communication and Social Change (3)

and at least ~~five~~ **seven** 200 level CMNS courses, including

CMNS 201W - Empirical Communication Research Methods (4) \* or CMNS 201 - Empirical Communication Research Methods (4) \*  
CMNS 202 - Design and Method in Qualitative Communication Research (4)

\* completion of this quantitative (Q) course satisfies part of the University's Q requirement.

## Upper Division Requirements

Students complete ~~four~~ **five** upper division CMNS courses (minimum ~~16~~ **20** units) (and the lower division prerequisites). Directed study and field placement courses may not be used to meet this requirement.


**Name of Program or Name of Faculty**

School for the Contemporary Arts

**Rationale for change:**

The dance area is adjusting the unit totals of two courses which adds two units at the lower division. The Dance Area is reviewing the assigned units to be in accordance with the existing class contact and assignment time for all dance courses. Based on the hours a week of studio time and weekly assignments currently completed outside of class, amounting to between 12 to 18 hours a week, CA 122 and CA 123 need to be changed from 5 to 6 units.

The area has also added recently designed and updated courses from Theatre & Performance and Production & Design so dance majors can have a variety of interdisciplinary choices within the major. Courses that have been changed or deleted have been removed.

**Effective term and**

**year:** Fall 2025

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

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

### Lower Division Requirements

Students complete a minimum of ~~45~~ **47** units including two core courses below

CA 186 - Art and the Moving Image (3)  
CA 285 - Interdisciplinary Studio - Composition/Collaboration (3)

plus one additional CA history course outside their major\* and all of

CA 122 - Dance Training and Movement Systems I ~~(5)~~ **6**  
CA 123 - Dance Training and Movement Systems II ~~(5)~~ **6**  
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 six additional units in lower division CA courses outside of dance from below

CA 149 - Sound (3)  
CA 150 - Introduction to Theatre and Performance Making (3)  
**CA 151 - Live Acts I (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)~~  
**CA 175 - Transforming Objects (3)**  
**CA 185 - Interdisciplinary Studio - Technical Foundations (3)**  
**CA 243 - Gamelan I (3)**  
**CA 251 - Lab Acts III (3)**  
**CA 252 - Live Acts IV (3)**  
**CA 253 - Co-Lab (4)**  
**CA 254 - Body I (2)**  
**CA 255 - Body II (2)**  
**CA 256 - Environments I (3)**  
**CA 278 - Video and Projection I (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 (5) \*

and the remaining units to total 34 from the following, including one upper division CA history or theory course outside the major\*\*

- CA 322 - Intermediate Ballet I (3) \*
- CA 323 - Intermediate Ballet II (3) \*
- CA 326 - Repertory I (5) \*
- CA 327 - Repertory II (5) \*
- CA 329 - Selected Topics in Dance II (3)
- CA 354 – Social I (3)**
- CA 355 – Social II (3)**
- CA 356 – Environment II (3)**
- CA 372 – Project Management in the Arts (3)**
- CA 375 – Space & Materials II (3)**
- CA 378 – Video & Projection II (3)**
- CA 421 - Choreographic Lab (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)

\* May be completed more than once for credit.

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



**Name of Program or Name of Faculty**

School for the Contemporary Arts

**Rationale for change:**

The dance area is adjusting the unit totals of two courses which adds two units at the lower division. The dance area is reviewing the assigned units to be in accordance with the existing class contact and assignment time for all dance courses. Based on the hours a week of studio time and weekly assignments currently completed outside of class, amounting to between 12 to 18 hours a week, CA 122 and CA 123 need to be changed from 5 to 6 units. The area has also added recently designed and updated courses from Theatre & Performance and Production & Design so dance honours can have a variety of interdisciplinary choices within the dance honours degree. Courses that have been changed or deleted have been removed.

**Effective term and**

**year:** Fall 2025

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

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

### Lower Division Requirements

Students complete a minimum of ~~45~~ 47 units including two core courses below

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~~) 6

CA 123 - Dance Training and Movement Systems II (~~5~~) 6

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

CA 149 - Sound (3)

CA 150 - Introduction to Theatre and Performance Making (3)

**CA151-Live Acts I (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)~~

**CA 175 - Transforming Objects (3)**

**CA 185 - Interdisciplinary Studio - Technical Foundations (3)**

**CA 243 - Gamelan I (3)**

**CA 251 - Lab Acts III (3)**

**CA 252 - Live Acts IV (3)**

**CA 253 - Co-Lab (4)**

**CA 254 - Body I (2)**

**CA 255 - Body II (2)**

**CA 256 - Environments I (3)**

**CA 278 - Video and Projection I (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 (5) \*

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

**and the remaining units to total 48 from the following, including one upper division CA history or theory course outside the major\*\***

CA 322 - Intermediate Ballet I (3) \*  
 CA 323 - Intermediate Ballet II (3) \*  
 CA 326 - Repertory I (5) \*  
 CA 327 - Repertory II (5) \*  
 CA 329 - Selected Topics in Dance II (3)  
**CA 354 – Social I (3)**  
**CA 355 – Social II (3)**  
**CA 356 – Environment II (3)**  
**CA 372 – Project Management in the Arts (3)**  
**CA 375 – Space & Materials II (3)**  
**CA 378 – Video & Projection II (3)**  
 CA 421 - Choreographic Lab (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.



**Name of Program or Name of Faculty**

School for the Contemporary Arts

**Rationale for change:**

The dance area is adjusting the unit totals of two courses which adds two units at the lower division. The dance area is reviewing the assigned units to be in accordance with the existing class contact and assignment time for all dance courses. Based on the hours a week of studio time and weekly assignments currently completed outside of class, amounting to between 12 to 18 hours a week, CA 122 and CA 123 need to be changed from 5 to 6 units. The area has also added recently designed and updated courses from Theatre & Performance and Production & Design so dance extended minors can have a variety of interdisciplinary choices within the extended minor. Courses that have been changed or deleted have been removed.

**Effective term and**

**year:** Fall 2025

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

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

### Lower Division Requirements

Students complete a minimum of ~~45~~ 47 units including two core courses below

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~~) 6

CA 123 - Dance Training and Movement Systems II (~~5~~) 6

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 Theatre and Performance Making (3)

**CA 151 – Live Acts I (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)~~

**CA 175 - Transforming Objects (3)**

**CA 185 – Interdisciplinary Studio – Technical Foundations (3)**

**CA 243 - Gamelan I (3)**

**CA 251 - Lab Acts III (3)**

**CA 252 - Live Acts IV (3)**

**CA 253 - Co-Lab (4)**

**CA 254 - Body I (2)**

**CA 255 - Body II (2)**

**CA 256 - Environments I (3)**

**CA 278 - Video and Projection I (3)**

\* See advisor for course options.

### 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 - Approaches to 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 424 - Making/Artistic Research (3)**
- CA 425 - Intensive Studies in Performance: Senior Projects (5) \***
- CA 426 - Dance/Movement Analysis (3)
- CA 427 - Advanced Ballet I (3) \*
- CA 428 - Advanced Ballet II (3) \*
- CA 485 - Interdisciplinary Collaboration in Contemporary Arts (5)**

and one upper division CA course

- CA 354 – Social I (3)**
- CA 355 – Social II (3)**
- CA 356 – Environment II (3)**
- CA 372 – Project Management in the Arts (3)**
- CA 375 – Space & Materials II (3)**
- CA 378 – Video & Projection II (3)**
- CA 440 - Soundbox II (3)**

~~\* May be repeated for credit.~~

\* May be completed more than once for credit.

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



<b>Name of Program or Name of Faculty</b> Department of Geography
<b>Rationale for change:</b> GEOG 261 is a foundational course for the Urban Change stream.
<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b>  Urban Worlds Major

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<p>Urban Change Stream</p> <p>LOWER DIVISION REQUIREMENTS</p> <p>STUDYING URBAN CHANGE: INTRODUCTORY METHODS</p> <p>Students complete</p> <p>GEOG 255 - Geographical Information Science I (3)</p> <p><b>GEOG 261 - Encountering the City (3)</b></p>
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<b>Name of Program or Name of Faculty</b> Geographic Information Science Major
<b>Rationale for change:</b>  The current language is rather ambiguous. The suggested changes bring more clarity for students and academic advisors.
<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b>  Geographic Information Science Major

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

Lower Division Requirements [...] and one of ARCH 273 - Archaeology of the New World (3) GEOG 267 - Introduction to Indigenous Land-Based Knowledge and Place-Based REM 207 - Indigenous Peoples and Resource Management (3) and at least six additional units of lower division geography courses <del>with applied geographic information content</del>  and at least six lower division units from the non-GEOG courses listed below* [...]  Upper Division Requirements [...] and one of GSWS 399 - Gender, Sex and Numbers (4) LING 450 - Computational Linguistics (3)  and at least four <b>additional</b> units of <del>additional</del> upper division <b>geography</b> GEOG courses <del>with advanced applied geographic information content</del>  and at least three upper division units from the non-GEOG <b>courses</b> <del>electives</del> listed below* [...]
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<b>Name of Program or Name of Faculty</b>  Resource and Environmental Management Major
<b>Rationale for change:</b>  To provide more information about the REM Major program and to include language regarding the streams to better reflect the updated definition of streams approved by SCUS on Nov. 2024.
<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b>  Resource and Environmental Management Major

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<p>BACHELOR OF ENVIRONMENT</p> <p><del>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.</del></p> <p><b>The School for Resource and Environmental Management offers a Bachelor of Environment degree for students seeking employment or continuing in graduate studies in the broadly defined area of resource and environmental management or planning. The program are two distinct streams:</b></p> <p><b>(1) The management stream is a degree that offers students training in a range of applied skills and expertise in the natural and social sciences leading to careers in resource and environmental management.</b></p> <p><b>(2) The planning stream has a stronger focus on environmental, community, and Indigenous planning and is a degree accredited by the Professional Standards Board for the planning profession in Canada preparing students to apply for the designation of Registered Professional Planner.</b></p>
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**The admission and program requirements for each stream are described in detail below. Students should consult the advisor when formally declaring the REM Major or risk prolonging their program.**



<p><b>Name of Program or Name of Faculty</b> Biological Sciences</p>
<p><b>Rationale for change:</b></p> <p><b>Student feedback suggests that the information on Post-Baccalaureate Diplomas could be clearer and more complete; we've made changes that we believe will help</b></p>
<p><b>Effective term and year:</b> Fall 2025</p>
<p><b>The following program(s) will be affected by these changes:</b> Biological Sciences Post Baccalaureate Diploma</p>

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use "to" and "from" sections.

## Biological Sciences

### POST BACCALAUREATE DIPLOMA

This program is ~~available in various biological science areas~~ **designed** for students who have already completed a ~~degree (usually) in science~~ **baccalaureate degree in biology or a related field**, and who wish to upgrade their academic credentials. Students ~~should~~ **are encouraged to** consult with the Biological Sciences program advisor ~~regarding for~~ **guidance on admission and** course selection ~~and program approval~~.

### Admission Requirements

**Completion of a baccalaureate degree, normally in science with a major in Biology or related area.**

### Program Requirements

**Students complete at least 30 upper division units consisting of at least 15 in upper-division BISC.**

**Courses must be selected in consultation with a program advisor to achieve a coherent program of study.**



**Students are responsible for satisfying all prerequisites of the program courses. This may include additional lower-division courses, if these are not already completed.**

## **Additional Program Requirements**

**Students in the program must satisfy SFU's general post baccalaureate diploma program requirements: <https://www.sfu.ca/students/calendar/fees-and-regulations/credentials-offered/definitions.html#pbd>.**



<b>Name of Program or Name of Faculty</b>
Nuclear Science Minor
<b>Rationale for change:</b>
Expanding course offerings for the minor to provide more flexibility to students
<b>Effective term and year:</b>
Fall 2025
<b>The following program(s) will be affected by these changes:</b>
Nuclear Science Minor

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<p>Program Requirements</p> <p>Students complete a total of 14 upper division units, chosen from</p> <p>CHEM 364 - Quantum Chemistry (3) CHEM 462 - Molecular Spectroscopy (3) NUSC 341 - Introduction to Radiochemistry (3) NUSC 342 - Introduction to Nuclear Science (3) NUSC 344 - Nucleosynthesis and Distribution of the Elements (3) NUSC 346 - Radiochemistry Laboratory (3) NUSC 444 - Special Topics in Nuclear Science (3) PHYS 313 - Special Relativity (3) PHYS 385 - Quantum II (3) PHYS 485 - Particle Physics (3)</p> <p>and could include one of:</p> <p>CHEM 482 - Directed Study in Advanced Topics of Chemistry (3) <b>NUSC 481 Undergraduate Research in Nuclear Science (5)</b> NUSC 482 - Directed Study in Advanced Topics in Nuclear Science (3) <b>NUSC 484 Two-semester Undergraduate Research in Nuclear Science (10)*</b></p> <p>and must include at least nine units of NUSC-designated courses.</p> <p><b>*can only count 5 units towards NUSC Minor</b></p>
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<b>Name of Program or Name of Faculty</b> Actuarial Science Bachelor of Science
<b>Rationale for change:</b> We are changing the subject from “Actuarial Mathematics” (abbreviation ACMA) to “Actuarial and Risk Sciences” (abbreviation RISK).
<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b> Actuarial Science Major

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<p><b>Prerequisite Grade Requirement</b></p> <p>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 <b>RISK</b> <del>ACMA</del> courses.</p> <p><b>GPA Required for Continuation</b></p> <p>To continue in the program, students must maintain at least a 2.25 grade point average in <b>RISK (or ACMA)</b>, CMPT, MACM, MATH, and STAT courses.</p>
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<b>Name of Program or Name of Faculty</b> Actuarial Science Bachelor of Science
<b>Rationale for change:</b> We are changing the subject from “Actuarial Mathematics” (abbreviation ACMA) to “Actuarial and Risk Sciences” (abbreviation RISK).
<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b> Actuarial Science Honours

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<p><b>Prerequisite Grade Requirement</b></p> <p>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 <b>RISK ACMA</b> courses.</p> <p><b>GPA Required for Continuation</b></p> <p>To continue in the program, students must maintain at least a 3.0 grade point average in <b>RISK (or ACMA)</b>, CMPT, MACM, MATH, and STAT courses.</p>
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<b>Name of Program or Name of Faculty</b> Statistics
<b>Rationale for change:</b> To reflect current requirements for accreditation with the Statistical Society of Canada.
<b>Effective term and year:</b> Fall 2025
<b>The following program(s) will be affected by these changes:</b> Statistics Major

**Calendar Change:** All deletions should be crossed out as follows: ~~sample~~. All additions should be marked in **bold font**. Do not use “to” and “from” sections.

<p><b>Upper Division Requirements</b></p> <p>Students complete all of</p> <p>STAT 300W - Statistics Communication (3)  STAT 330 - Introduction to Mathematical Statistics (3)  STAT 342 - Introduction to Statistical Computing and Exploratory Data Analysis - SAS (2)  STAT 350 - Linear Models in Applied Statistics (3)</p> <p>and 12 units in upper division STAT courses from Lists A and B (including a minimum of two courses from List A)</p> <p>and nine units in additional upper division ACMA, MACM, MATH or STAT courses from Lists A and B. STAT courses (STAT 360 in particular) and MACM 316 are recommended.</p> <p><b>List A</b></p> <p>STAT 380 - Introduction to Stochastic Processes (3)  STAT 390 - Selected Topics in Probability and Statistics (3)  STAT 410 - Statistical Analysis of Sample Surveys (3)  STAT 430 - Statistical Design and Analysis of Experiments (3)  STAT 440 - Learning from Big Data (3)  STAT 450 - Statistical Theory (3)  STAT 460 - Bayesian Statistics (3)  STAT 490 - Selected Topics in Probability and Statistics (3)  STAT 495 - Directed Studies in Probability and Statistics (3)</p> <p><b>List B</b></p>
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STAT 360 - Advanced R for Data Science (3)  
STAT 445 - Applied Multivariate Analysis (3)  
STAT 452 - Statistical Learning and Prediction (3)  
STAT 475 - Applied Discrete Data Analysis (3)  
STAT 485 - Applied Time Series Analysis (3)

For students who wish to seek accreditation with the Statistical Society of Canada, ~~STAT 450~~  
~~and at least one of STAT 410 or~~ **and** STAT 430 are recommended.