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MEMORANDUM

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

DATE April 4, 2025
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For information:

Acting under delegated authority at its meeting of April 3, 2025 SCUS approved the following curriculum revisions effective Spring 2026.

a. Faculty of Science

1. Department of Biomedical Physiology and Kinesiology (SCUS 25-72)

(i) Lower division requirement changes to the:

- Behavioural Neuroscience Major
- Behavioural Neuroscience Honours

2. Department of Physics (SCUS 25-73) (Fall 2026)

(i) Upper division requirement changes to the:

- Chemical Physics Major
- Chemical Physics Honours

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

Calendar Entry Change

Biomedical Physiology & Kinesiology

Rationale for change:

Change course so that BNEU students can take MBB 231 or MBB 201. (MBB 231 is an acceptable substitute for MBB 201). Currently, only MBB 201 is listed, meaning that an exception report must be entered by the advisor for students who choose to do MBB 231 instead of MBB 201. Some professional programs on the old curriculum require MBB 231 instead of 201, which is why students choose to go this route. Alternatively, some students transferred from Biomedical Physiology to BNEU and therefore have MBB 231 instead of MBB 201.

Effective term and year:

Spring 2026

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

Behavioural Neuroscience Major
Behavioural Neuroscience Honours

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

Lower Division Requirements

Students complete all of the following 58 units.

Biology

BISC 101 - General Biology (4)
MBB 201 - ~~Biochemistry of the Cell~~ (3)

Molecular Biology and Biochemistry

one of

MBB 201 Biochemistry of the Cell (3)
MBB 231 Cellular Biology and Biochemistry (3)

Chemistry

CHEM 121 - General Chemistry and Laboratory I (4)
CHEM 122 - General Chemistry II (2)
CHEM 281 - Organic Chemistry and Laboratory I (4)

Biomedical Physiology and Kinesiology

BPK 142 - Introduction to Biomedical Physiology and Kinesiology (3)
BPK 205 - Introduction to Human Physiology (3)
BPK 207 - Sensorimotor Control and Learning (3)

Mathematics

MATH 154 - Mathematics for the Life Sciences I (3)
MATH 155 - Mathematics for the Life Sciences II (3)

Physics

PHYS 101 - Physics for the Life Sciences I (3)
PHYS 102 - Physics for the Life Sciences II (3)

Psychology

PSYC 100 - Introduction to Psychology I (3)
PSYC 102 - Introduction to Psychology II (3)
PSYC 201W - Introduction to Research Methods in Psychology (4)
PSYC 210 - Introduction to Data Analysis in Psychology (4) or STAT 270 - Introduction to Probability and Statistics (3)
PSYC 221 - Introduction to Cognitive Psychology (3)
PSYC 280 - Introduction to Biological Psychology (3)

Name of Program or Name of Faculty

Physics

Rationale for change:

A limited number of UD breadth units can come from research courses. NUSC 481 & 484 are new courses that should be added to the list of research courses.

Effective term and year:

Fall 2026

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

Chemical Physics 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

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and upper division chemistry, nuclear science or physics units chosen to total the number of upper division units to 40, and maintain a minimum of 15 upper division units in both chemistry and physics. A maximum of 6 units from the research courses CHEM 481, 483 and 484, **NUSC 481 and 484**, and PHYS 432 may be used to satisfy the aforementioned 15 units of upper division credit.

Name of Program or Name of Faculty

Physics

Rationale for change:

A limited number of UD breadth units can come from research courses. NUSC 481 & 484 are new courses that should be added to the list of research courses.

Effective term and year:

Fall 2026

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

Chemical Physics 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

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and upper division CHEM, NUSC or PHYS units chosen to bring the total upper division units to 48, and maintain a minimum of 21 upper division units in both chemistry and physics. A maximum of 11 units from the research courses CHEM 481, 483 and 484, **NUSC 481 and 484** and PHYS 432 may be used to satisfy the aforementioned 21 units of upper division credit.