



8888 University Drive,
Burnaby, BC
Canada V5A 1S6

TEL: 778.782.6654
FAX: 778.782.5876

avpacad@sfu.ca
www.sfu.ca/vpacademic

MEMORANDUM

ATTENTION Senate
FROM Elizabeth Elle, Vice-Chair
Senate Committee on Undergraduate
Studies
RE: Program Changes

DATE January 7, 2022
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For information:

Acting under delegated authority at its meeting of January 6, 2022 SCUS approved the following curriculum revisions effective Fall 2022.

a. Faculty of Science (SCUS 22-06)

1. Department of Biological Sciences

(i) Requirement changes to the Biological Sciences Minor

2. Department of Biomedical Physiology and Kinesiology

(i) Upper division requirement changes to the Behavioural Neuroscience Major and Honours

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



Calendar Entry Change

Name of Program or Name of Faculty

Rationale for change:

The BISC minor program currently requires students to complete a set list of courses and “a minimum of 15 units, consisting of 5 upper division BISC courses”. The proposed change brings the requirement for the minor program in line with the requirements for our major and honours programs. Our intention across programs is that research courses supplement traditional class-based courses, but do not replace them.

Effective term and year:
Fall 2022

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

Biological Sciences Minor

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

Students complete all of

BISC 101 - General Biology (4)
BISC 102 - General Biology (4)

and at least two of

BISC 202 - Genetics (3)
BISC 204 - Introduction to Ecology (3)
BISC 205 - Principles of Physiology (3)
MBB 222 - Molecular Biology and Biochemistry (3)
MBB 231 - Cellular Biology and Biochemistry (3)

and a minimum of 15 units, consisting of five upper division BISC courses (including MASC courses), as approved by the department. **Normally no more than two research intensive courses (such as BISC 497W, 498, or 499) may be used to satisfy stream requirements.**

Name of Program or Name of Faculty Biomedical Physiology and Kinesiology and Psychology
Rationale for change: The newly designed course BPK 409-Wearable Technology and Human Physiology (3) provides an additional option of interest to Behavioural Neuroscience students. Motion was supported by both the BPK and Psychology Departments.
Effective term and year: Fall 2022
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**.

... Upper Division Requirements ... BIOMEDICAL PHYSIOLOGY AND KINESIOLOGY Students complete at least 22 units, including all of BPK 305 - Human Physiology I (3) BPK 306 - Human Physiology II (3) BPK 326 - Functional Anatomy (4) BPK 426 - Functional Human Neuroanatomy (3) and six additional units from the following BPK 415 - Neural Control of Movement (3) BPK 420 - Selected Topics in Biomedical Physiology and Kinesiology I (3) ^ BPK 421 - Selected Topics in Biomedical Physiology and Kinesiology II (3)

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BPK 422 - Selected Topics in Biomedical Physiology and Kinesiology III (3) ^
 BPK 423 - Selected Topics in Biomedical Physiology and Kinesiology IV (3) ^
 BPK 446 - Neurological Disorders (3)
 BPK 447 - Neuroplasticity (3)
 BPK 448 - Rehabilitation of Movement Control (3)

and three additional units selected from the following

BISC 405 - Neurobiology (3)
 BPK 304W - Inquiry and Measurement in Biomedical Physiology and Kinesiology (3)
 BPK 336 - Histology (3)
 BPK 407 - Human Physiology Laboratory (3)
BPK 409 – Wearable Technology and Human Physiology (3)
 BPK 415 - Neural Control of Movement (3) *
 BPK 420 - Selected Topics in Biomedical Physiology and Kinesiology I (3) ^*
 BPK 421 - Selected Topics in Biomedical Physiology and Kinesiology II (3) ^*
 BPK 422 - Selected Topics in Biomedical Physiology and Kinesiology III (3) ^*
 BPK 423 - Selected Topics in Biomedical Physiology and Kinesiology IV (3) ^*
 BPK 446 - Neurological Disorders (3) *
 BPK 447 - Neuroplasticity (3) *
 BPK 448 - Rehabilitation of Movement Control (3) *
 BPK 496 - Directed Study Literature (3) ^ or BPK 498 - Directed Study Experiential (3) ^

*if not counted above

^Topic must be relevant to Behavioural Neuroscience

[...]