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**MEMORANDUM**

<b>ATTENTION</b>	Senate	<b>DATE</b>	October 2, 2015
<b>FROM</b>	Mark Lechner, Acting Chair	<b>PAGES</b>	1/1
<b>RE:</b>	Senate Committee on Undergraduate Studies Faculty of Science (SCUS 15-36)		
	 Acting Chair		

For information:

Acting under delegated authority at its meeting of October 1, 2015 SCUS approved the following curriculum revisions effective Summer 2016.

1. Department of Biomedical Physiology and Kinesiology (SCUS 15-36a)

- (i) Requirement changes to the Biomedical Physiology Major program
- (ii) Description and prerequisite change for BPK 457, 459

2. Department of Physics (SCUS 15-36c)

- (i) Deletion of PHYS 131



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**MEMORANDUM**

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<b>ATTENTION</b>	Senate Committee for Undergraduate Studies, SFU	<b>DATE</b>	September 15, 2015
<b>FROM</b>	Carl Lowenberger, Chair, Science UCC		
<b>RE:</b>	Submission of Undergraduate Curriculum Business from the Faculty of Science for inclusion on the Agenda of the October 2015 SCUS Meeting		

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**BPK**

Motion 1: Add BPK 207 to the list of courses used by internal transfer students for entry into the Biomedical Physiology Major.

Motion 2: Change in description and prerequisites for BPK 457 - Behavioural Neuroscience Undergraduate Honours Thesis Proposal (3)

Motion 3 : Change in description and prerequisites for BPK 459 - Behavioural Neuroscience Undergraduate Honours Thesis (9)

**EARTH SCIENCES**

Motion 1: to change the prerequisites for EASC 405, by removing EASC 412 and GEOG 311

**PHYSICS**

Motion 1: Course Withdraw: PHYS 131

**BPK Motions for Faculty of Science UCC – September 2015 – Ryan Dill**

**1. BPK Motion: Add BPK 207 to the list of courses used by internal transfer students for entry into the Biomedical Physiology Major.**

**Rationale: BPK 207 is now required in the Biomedical Physiology Major and should be included in the courses used for internal transfer application to the program.**

**TO:**

Biomedical Physiology Major

...

Internal Transfer

Simon Fraser University students applying for Department of Biomedical Physiology and Kinesiology admission must complete the following courses with a grade of C- or better

...

Applicants are selected based on an admission grade point average (GPA) calculated over these five required courses, together with any of the following courses.

BISC 102-4 General Biology

CHEM 122-2 General Chemistry II

CHEM 281-4 Organic Chemistry I

BPK 201-3 Biomechanics

BPK 205-3 Introduction to Human Physiology

**BPK 207-3 Human Motor Systems**

MBB 222-3 Molecular Biology and Biochemistry

MBB 231-3 Cellular Biology and Biochemistry

And one of ...

COURSE SUBJECT	BPK	NUMBER	457	TITLE	Behavioural Neuroscience Undergraduate Honours Thesis Proposal (3)
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**INSTRUCTIONS (OVERALL):**

1. Using Microsoft Word draft changes using the following guideline. Paste in box below.
2. Rationale must be included. If more space is needed than provided below, please use the provided text box on page 2 of this document.
3. Indicate term = Fall, Spring, Summer

**TYPE OF CHANGES RECOMMENDED**

Please type 'X' for the appropriate revision(s):

Course number	Credit	Title	X	Description	X	Prerequisite	Deletion
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**WORDING/DESCRIPTION EDITS**

1. Indicate deleted or changed text using strikethrough.
2. Indicate added or new text using underline.
3. Equivalent courses: preclusion statement should read:
  - a. Students with credit for x cannot take y for further credit.

~~Directed study and research leading to an Honours thesis proposal (KIN459/PSYC 459).~~ Research proposal. Students with credit for KIN 457 or PSYC 457 may not take this course for further credit. Prerequisite: 90-75 units, with a minimum CGPA of at least 3.00, PSYC 301 or BPK 304W with a minimum grade of B<sub>+</sub> and permission of the Chair from one of the Co-chairs of the Behavioural Neuroscience Coordinating Program Committee.

**SAMPLE**

POL 223 ~~Canadian-American~~ Political Economy (3)

~~An introductory study of America's~~ Canada's political economy, stressing the interrelated nature of Canada's economic and political life. ~~The course~~ Focuses on current economic problems and policies, taking into account the geographical, historical and political environments. Topics include the resource and industrial structures, research and development, the public sector, fiscal and monetary policy, the role of the state, trade and foreign ownership, energy, regional disparity, corporate concentration and the political economy of federalism.

~~This course is identical to CNS 280 and students cannot take both courses for credit.~~  
Students with credit for CNS 280 cannot take POL 223 for further credit.

~~Recommended Pre-requisite:~~ POL 100 or 101W.

Breadth - Social Sciences.

**RATIONALE**

If more space is needed, please use the provided text box on page 2 of this document

To make the procedures for behavioural neuroscience students more consistent across the two departments. To better reflect how the program has evolved in the past two years.



EFFECTIVE TERM AND YEAR, FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Fall 2016

RATIONALE

COURSE SUBJECT	BPK	NUMBER	459	TITLE	Behavioural Neuroscience Undergraduate Honours Thesis (9)
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3. Indicate term = Fall, Spring, Summer

**TYPE OF CHANGES RECOMMENDED**

Please type 'X' for the appropriate revision(s):

<input type="checkbox"/>	Course number	<input type="checkbox"/>	Credit	<input type="checkbox"/>	Title	<input checked="" type="checkbox"/>	X	<input type="checkbox"/>	Description	<input checked="" type="checkbox"/>	X	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>	Deletion
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A written thesis based on research previously proposed in BPK (or KIN) 457/~~PSYC 457~~. Students with credit for PSYC 459 or KIN 459 may not repeat this course for credit. Prerequisite: A minimum grade of B in BPK (or KIN) 457/~~PSYC 457~~. Co-requisite: must be enrolled in the Honours Program of the B.Sc. in Behavioural Neuroscience. Students must seek permission from their honours project supervisor to enrol in additional courses at the same time.

**SAMPLE**

POL 223 ~~Canadian-American~~ Political Economy (3)

~~An introductory study of America's~~ Canada's political economy, stressing the interrelated nature of Canada's economic and political life. ~~The course~~ Focuses on current economic problems and policies, taking into account the geographical, historical and political environments. Topics include the resource and industrial structures, research and development, the public sector, fiscal and monetary policy, the role of the state, trade and foreign ownership, energy, regional disparity, corporate concentration and the political economy of federalism.

~~This course is identical to CNS 280 and students cannot take both courses for credit.~~

~~Students with credit for CNS 280 cannot take POL 223 for further credit.~~

~~Recommended Pre-requisite:~~ POL 100 or 101W.

Breadth – Social Sciences.

**RATIONALE**

If more space is needed, please use the provided text box on page 2 of this document

To make procedures for behavioural neuroscience students more consistent across the two departments. To better reflect how the program has evolved in the past two years.



EFFECTIVE TERM AND YEAR, FOR CHANGES  
Fall, Spring, Summer and year (please enter in textbox)

Fall 2016

RATIONALE

COURSE SUBJECT  NUMBER  TITLE

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**TYPE OF CHANGES RECOMMENDED**

Please type 'X' for the appropriate revision(s):

Course number	Credit	Title	Description	Prerequisite	X	Deletion
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**SAMPLE**

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~~This course is identical to CNS 280 and students cannot take both courses for credit.~~

Students with credit for CNS 280 cannot take POL 223 for further credit.

~~Recommended-Pre-requisite:~~ POL 100 or 101W.

Breadth – Social Sciences.

**RATIONALE**

If more space is needed, please use the provided text box on page 2 of this document

PHYS 131 has been replaced by the sequence of PHYS 132 and PHYS 133. The new courses and their addition to all PHYS programs have previously been approved by SCUS, effective Fall 2015

**EFFECTIVE TERM AND YEAR, FOR CHANGES**

Fall, Spring, Summer and year (please enter in textbox)

Spring 2016