



OFFICE OF THE VICE-PRESIDENT, ACADEMIC AND PROVOST

8888 University Drive, Burnaby, BC
DISC 1 | 1625
Canada V5A 1S6

TEL: 778.782.5731
FAX: 778.782.5876

vpacad@sfu.ca
www.sfu.ca/vpacademic

MEMORANDUM

ATTENTION	Senate	DATE	October 13, 2020
FROM	Jon Driver, Vice-President, Academic and Provost <i>pro tem</i> , and Chair, SCUP	PAGES	1 of 1
RE:	Faculty of Science: Program Changes to Molecular Biology and Biochemistry MSc and PhD (Addition of TRAIN) (SCUP 20-42)		

At its October 7th, 2020 meeting, SCUP reviewed and approved the addition of the Optional Specialization in Translational and Integrative Neuroscience (TRAIN) to the Molecular Biology and Biochemistry Master of Science and Doctor of Philosophy in the Department of Molecular Biology and Biochemistry within the Faculty of Science.

Motion

That Senate approve and recommend to the Board of Governors the addition of the Optional Specialization in Translational and Integrative Neuroscience (TRAIN) to the Molecular Biology and Biochemistry Master of Science and Doctor of Philosophy in the Department of Molecular Biology and Biochemistry within the Faculty of Science, effective Summer 2021.

C: D. Marigold and M. Silverman

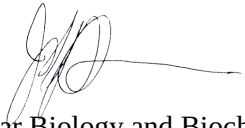


Simon Fraser University
Maggie Benston Centre 1100
8888 University Drive
Burnaby, BC V5A 1S6

TEL 778.782.3042
FAX 778.782.3080

gradstudies@sfu.ca
www.sfu.ca/grad

MEMORANDUM

ATTENTION	Senate Committee on University Priorities (SCUP)	DATE	September 25, 2020
FROM	Jeff Derksen, Chair of Senate Graduate Studies Committee (SGSC)		
RE:	Program Changes (Calendar Revisions for TRAIN): Molecular Biology and Biochemistry MSc and PhD		

For approval:

At its meeting of September 8, 2020, SGSC approved the addition of the Optional Specialization in Translational and Integrative Neuroscience (TRAIN) to the Molecular Biology and Biochemistry Master of Science and Doctor of Philosophy in the Department of Molecular Biology and Biochemistry and is recommending it to SCUP for approval, effective **Summer 2021**.

Motion:

That SCUP approve and recommend to Senate the addition of the Optional Specialization in Translational and Integrative Neuroscience (TRAIN) to the Molecular Biology and Biochemistry Master of Science and Doctor of Philosophy in the Department of Molecular Biology and Biochemistry.



FACULTY OF SCIENCE
Dean of Science

TASC II 9900
8888 University Drive, Burnaby, BC
Canada V5A 1S6

TEL 778.782.5530
FAX 778.782.3424

www.sfu.ca/science

MEMORANDUM

ATTENTION	Senate Graduate Studies Committee	DATE	August 10, 2020
FROM	Michael Silverman, Associate Dean of Research and Graduate Studies	PAGES	1
RE:	Calendar Entry for the addition of the Department of Molecular Biology and Biochemistry to the Translational and Integrative Neuroscience (TRAIN) specialization		

The following curriculum item has been approved by the Faculty of Science and is forwarded to the Senate Graduate Studies Committee for approval. This item should be effective for **Summer 2021**.

Department of Molecular Biology and Biochemistry (MBB)

- 1) Calendar entry for approval: Addition of MBB (MSc and PhD) to the previously approved Translational and Integrative Neuroscience (TRAIN) specialization. As a point of information, BISC and BPK were approved as participating departments at the initial approval of the specialization. The goal here is to include the third life sciences department, with interests in neuroscience, to this specialization.

Michael Silverman, Ph.D.
Faculty Graduate Chair

Enclosure

cc:



SIMON FRASER UNIVERSITY
THINKING OF THE WORLD

DR. MARK PAETZEL

AUGUST 4, 2020

Department of Molecular Biology & Biochemistry,
Simon Fraser University
8888 University Drive, Burnaby, BC Canada V5A 1S6
T 778.782.4230 | F 778.782.5583 | E-mail: mpaetzel@sfu.ca

To: Faculty of Science Graduate Studies Committee
From: Mark Paetzel, Graduate Program Chair, Molecular Biology and Biochemistry
Re: Joining TRAIN graduate specialization
Date: April 8, 2020

I am writing to support the Department of Molecular Biology and Biochemistry (MBB) joining the Translational and Integrative Neuroscience (TRAIN) graduate specialization. This had been approved by the graduate program committee in MBB. The necessary calendar change documents are being submitted through the Faculty of Science Graduate Studies Committee (Michael Silverman, Associate Dean) for approval.

Sincerely,

A handwritten signature in black ink, appearing to read "MPA", is written over a light blue horizontal line.

Mark Paetzel
Professor of Molecular Biology and Biochemistry
Graduate Program Chair, Molecular Biology and Biochemistry

Calendar Entry Change for MBB MSc

Summary of change: Addition of optional specialization in Translational and Integrative Neuroscience (TRAIN)
Rationale for change: TRAIN is a relatively new inter-departmental and inter-faculty specialization in neuroscience that would benefit graduate students in MBB.
Effective term and year: Summer 2021
Will this change impact current students? If yes, what is the plan for current students? No

FROM	TO
[...] Other Information [...] and a thesis <u>MBB 898 - MSc Thesis (18)</u> A major part of the MSC specialization program will be devoted to original research. A thesis describing the work must be submitted and defended in accordance with SFU Graduate General Regulations. *Note: Any relevant special topics course from any department may be included upon permission of the IOGS steering committee. Oncology related courses at other institutions may also be used to satisfy the elective requirement. Please consult with the IOGS steering committee for queries regarding course eligibility.	[...] Other Information [...] and a thesis <u>MBB 898 - MSc Thesis (18)</u> A major part of the MSC specialization program will be devoted to original research. A thesis describing the work must be submitted and defended in accordance with SFU Graduate General Regulations. *Note: Any relevant special topics course from any department may be included upon permission of the IOGS steering committee. Oncology related courses at other institutions may also be used to satisfy the elective requirement. Please consult with the IOGS steering committee for queries regarding course eligibility. Optional Specialization in Translational and Integrative Neuroscience (TRAIN) Application to TRAIN is through the TRAIN steering committee. Students must fulfill all Departmental requirements for the MSc. To receive TRAIN specialization, students must complete both NEUR courses with a grade of B+ or higher. These courses can be taken as part of

	graduate elective course requirements for this program. Students must complete all of NEUR 800 – Foundations of Cellular and Molecular Neuroscience (3) NEUR 801 – Foundations of Systems Neuroscience (3) and participate in at least two TRAIN workshops over the course of their degree NEUR 802 – Translational and Integrative Neuroscience Workshop (0)* * Workshops will normally be offered approximately once per term and will be approximately 3 hours in duration. For more information on TRAIN, please see: <u>Translational and Integrative Neuroscience</u> [...]
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Calendar Entry Change for MBB PhD

Summary of change: Addition of optional specialization in Translational and Integrative Neuroscience (TRAIN)
Rationale for change: TRAIN is a relatively new inter-departmental and inter-faculty specialization in neuroscience that would benefit graduate students in MBB.
Effective term and year: Summer 2021
Will this change impact current students? If yes, what is the plan for current students? No

FROM	TO
[...] Other Information [...] and a thesis MBB 899 - PhD Thesis (6) *Any relevant special topics course from any department may be included upon permission of the IOGS steering committee. Oncology related courses at other institutions may also be used to satisfy the elective requirement. Please consult with the IOGS steering committee for queries regarding course eligibility. ** Must be taken no later than the 5th term of program enrollment.	[...] Other Information [...] and a thesis MBB 899 - PhD Thesis (6) *Any relevant special topics course from any department may be included upon permission of the IOGS steering committee. Oncology related courses at other institutions may also be used to satisfy the elective requirement. Please consult with the IOGS steering committee for queries regarding course eligibility. ** Must be taken no later than the 5th term of program enrollment. Optional Specialization in Translational and Integrative Neuroscience (TRAIN) Application to TRAIN is through the TRAIN steering committee. Students must fulfill all Departmental requirements for the PhD. To receive TRAIN specialization, students must complete both NEUR courses with a grade of B+ or higher. These courses can replace only graduate elective course requirements for this program. Students must complete all of

	NEUR 800 – Foundations of Cellular and Molecular Neuroscience (3) NEUR 801 – Foundations of Systems Neuroscience (3) and participate in at least <i>four</i> TRAIN workshops over the course of their degree NEUR 802 – Translational and Integrative Neuroscience Workshop (0)* * Workshops will normally be offered approximately once per term and will be approximately 3 hours in duration. For more information on TRAIN, please see: <u>Translational and Integrative Neuroscience</u> [...]
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