

SUBJECT	GRADUATE CERTIFICATE IN ORTHOPAEDIC AND MANIPULATIVE PHYSICAL THERAPY (GCOMPT)
MEETING DATE	FEBRUARY 2, 2017

Forwarded to the Board of Governors on the Recommendation of the President

**APPROVED FOR
SUBMISSION**



Santa J. Ono, President and Vice-Chancellor

DECISION REQUESTED	<p>IT IS HEREBY REQUESTED that the UBC Board of Governors approve the following fees for the Graduate Certificate in Orthopaedic and Manipulative Physical Therapy:</p> <ul style="list-style-type: none"> i. Per-credit tuition of \$591.08 for two new courses: PTH580 (9 credits) and PTH581 (3 credits) and a program lab fee of \$2,907. Both fees are effective September 2017. ii. Pre-existing courses which are also incorporated in the GCOMPT program are RHSC501(3), RHSC587(3) and RHSC589(3), with per-1.5 credit costs of \$615.07 for domestic students. <p>Total program fee for Graduate Certificate in Orthopaedic and Manipulative Physical Therapy will be \$13,690.38.</p>
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Report Date	January 13, 2017
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Presented By Angela Redish, Provost & Vice-President Academic *pro tem*
Hugh Brock, Associate-Provost Academic Innovation
Dermot Kelleher, Dean Faculty of medicine
Roger Wong, Executive Associate Dean Education, Faculty of Medicine

EXECUTIVE SUMMARY

The Graduate Certificate in Orthopaedic and Manipulative Physical Therapy (GCOMPT) is designed to prepare students to become certified manual therapy specialists to work with individuals who have chronic musculoskeletal pain of mechanical or neuromuscular origin. Manual therapy specialists are able to work with patients in a variety of settings, including public health organizations (i.e. Health Authorities) and in private practice. Physiotherapists trained in manual therapy are able to apply advanced skills such as mobilization of the spine and other joints to promote recovery of pain-free movement and restoration of healthy physical activity.

The certificate is composed of 21 credits (6 courses, one including seven weeks of practical hands-on instruction delivered in three blocks). The courses target a specialized skill set needed to become proficient in the application of manipulative physical therapy. The courses are mapped to the core competencies identified by the International Federation of Orthopaedic and Manipulative Physical Therapists (IFOMPT), a branch of the World Confederation of Physical Therapists. As such, once the program and its examination procedures are operational and fully compliant, an IFOMPT-approved assessor will be able to assess and

certify our program, allowing students to apply for designation as FCAMPT – Fellow of the Canadian Academy of Manipulative Physical Therapy – a highly respected credential.

The program employs a blended teaching approach, with some courses being offered entirely online (RHSC501, 587, 589), one offered partially online and partially in person (PHTH581), and one offered entirely in person (PHTH580). Specialized instruction required for the practical components limits the instructor: student ratio to no more than 1:10. RHSC587 and RHSC589 involve the planning and execution of a clinical research project.

It is an admissions requirement to be a registered BC Physiotherapist and therefore the program is available to only to domestic students at this time.

INSTITUTIONAL STRATEGIC PRIORITIES SUPPORTED

☒ Learning
 ☒ Research
 ☐ Innovation
 ☐ Engagement
 (Internal / External)
 ☒ International

or ☐ Operational

DESCRIPTION & RATIONALE

Description

The UBC Graduate Certificate in Orthopaedic Manipulative Physical Therapy (GCOMPT) is a 21-credit specialized program for experienced physical therapists who aim to advance their evidence-based knowledge and skills in orthopaedic manual and manipulative physical therapy practice. The certificate is intended to be completed over a 2-year period of part-time study.

By the end of this program, students will be able to provide advanced orthopaedic manipulative physiotherapy assessment and treatment that will enhance their provision of effective, evidence-based treatment of musculoskeletal conditions.

Rationale

The provision of expert treatment for musculoskeletal complaints is a crucial issue in the current century, as our aging population is increasingly focused on maintaining high levels of physical activity for health and wellbeing, leading to increasing demand for scientifically grounded physiotherapy care. Manual and manipulative therapy has emerged as an advanced, postgraduate skill set within the profession of orthopaedic physical therapy, however, Canadian physiotherapists commonly report difficulties in pursuing a structured course of evidence-based post-graduate training in orthopaedic and manipulative physiotherapy.

In 2009, BC Physiotherapists (PTs) surveyed members on the interest in participating in a structured post-graduate physiotherapy training program. The survey showed that 14% were likely to enroll in such a program, and that orthopaedics/manual therapy was the clinical area of greatest interest. In particular, there was strong support for a part-time program in manual therapy using a combination of e-learning and classroom teaching to reduce travel time. Another survey (Chau et al. Physiotherapy Canada 2012), found that 85% were likely to participate in continuing professional development (CPD) in an online format, and 98% were likely to participate in hands-on workshops, although cost of travel and travel time were identified as barriers to CPD participation by 65% of respondents.

The flexibility of the UBC Certificate program (online with short residential periods for clinical skill training) will enable a broad group of PTs to participate, including those based in rural or remote areas.

BENEFITS Learning

Learning,
Research,
Financial,
Sustainability &
Reputational

Engaging in continuing education after entry-level studies is essential for health care professionals to improve competency. A [2014 Report](#) on the Continuing Professional Development (CPD) Needs of BC PTs showed that 94% of PTs believe CPD is important to their practice with a high interest in hands-on clinical courses. This report showed more PTs in the private sector participated in certification-based courses and clinical hands-on courses compared to PTs in the public sector. Approximately half of the 5,000+ BC PTs work in the private practice sector, with the majority working in the field of orthopaedics, noting manual therapy as a core component of their practice. Thus, there is an identified demand for hands-on CPD courses, targeting a very large group of potential learners in the field of physical therapy.

The proposed program will actively support students in learning advanced manual therapy skills which have the potential to transform and enhance their approach to clinical reasoning and patient care, thereby providing a new avenue for professional and personal reward for students who successfully complete the program.

Sustainability and Financial Benefit

After an initial break-even year to cover development costs, the program will bring financial benefit to the Faculty of Medicine and to the Department of Physical Therapy. A lab and exam fee has been added to the tuition proposal to offset the high instruction and examination cost of delivering the program.

Reputational

Students enrolled in the program will advance UBC's mission to improve the quality of life in our society by understanding, disseminating and applying a body of scientifically-based clinical skills. This program, by providing a highly sought-after, clinically relevant set of skills, will help solidify UBC as a centre for the continuing professional development of physiotherapists, thereby contributing to an engaged community of advanced clinicians who look to UBC for leadership in clinical practice and education.

RISKS Financial

Financial,
Operational &
Reputational

Finances and budgets for this program have been thoroughly reviewed and approved by the Faculty of Medicine. There is no financial risk for this program. The department commits to the regular review of enrolment and ongoing monitoring of costs and financial sustainability.

Operational and Reputational

The development and industry consultation for this program has required considerable commitment from FCAMPT-designated therapists outside of UBC. If this program is not approved, there is a real risk of damage to the collaborative relationship with FCAMPT-designated therapists in the field.

COSTS Capital & Lifecycle Operating	Annual Costs <u>Program fees</u> of \$58,500 include: \$27,000 for an instructor and \$7000 for online instruction \$14,700 for lab tutoring \$1500 for coordination and IT costs \$8400 for Practical exams <u>Administration expenses</u> of \$30,000 include: \$20,000 of start-up costs for lab equipment and course development \$1,000 for Accreditation (from Yr 3) and \$5000 of administration costs \$5,000 for Marketing and promotion
FINANCIAL Funding Sources, Impact on Liquidity	<p>The program is designed to be cost recovery. The total cost for the graduate certificate is \$13,690.38.</p> <p>The tuition and non-instructional fees will be subject to annual tuition increases as established by the University.</p> <p>Program tuition is comprised of:</p> <ul style="list-style-type: none"> Two newly-designed courses: PHTH580 (9 credits) and PHTH 581(3 credits), with proposed tuition of \$591.08 per credit, effective 2017-18. Tuition for these newly designed courses is set higher than the rest of the program and this is due to in-person component, and are taught by specialist clinicians whose compensation rate is higher than typical UBC sessional lecturers. Three pre-existing courses: RHSC501 (3 credits), RHSC587 (3 credits) and RHSC589 (3 credits), with per-1.5 credit costs of \$615.07. A program lab fee of \$2,907 is also proposed. The lab fees for the program amount to \$2,907 per student, or \$415.29/week for the seven weeks of practical hands-on instruction. The reason for this (substantial) lab fee is due to the need to maintain a high instructor to student ratio (no more than 1:10), as well as the cost of bringing in additional FCAMPT-registered members to invigilate practical exams at a 4:1 ratio.
	<p>Tuition Rationale</p> <p>There are only two comparable Canadian programs, both offering Masters degrees rather than a certificate leading also to the professional FCAMPT designation.</p> <ul style="list-style-type: none"> Western University (London, ON) offers a full-time 1-year Master of Clinical Science for \$13,500. Students are encouraged not to work during the program. McMaster University (Hamilton, ON) offers a 2-3 year Masters of Science for approximately \$14,000. <p>We based the decision on the need to operate the program on a cost recovery basis while being competitive in the graduate studies market and keeping the fees attainable. The UBC certificate is designed to be typically completed over a 2-year period of part-time study, allowing therapists to continue working while advancing their skills.</p>

SCHEDULE	Effective September 2017.
Implementation Timeline	
CONSULTATION	The program and course descriptions were circulated and reviewed internally by the Physical Therapy Department Council and approved by consensus.
Relevant Units, Internal & External Constituencies	<p>A program committee was created, including Carol Kennedy (MCISc, FCAMPT), Jan Lowcock (MCISc, FCAMPT, CPD physiotherapy coordinator), Sue Murphy (Interim Head, UBC PT), and Alex Scott (PhD, MSc, BSc(PT), GCOMPT program director).</p> <p>Curriculum consultation requests were sent to UBC library and to the Master of Rehabilitation Science (MRSc) Program. They supported the program. MRSc noted that separate cohorts of RHSC courses could be run with their assistance, and that they would request our expertise in identifying suitable instructors.</p> <p>The budget was reviewed by the Faculty of Medicine Executive Director of Finance. The proposal was reviewed by the Associate Dean of Health Professions and the Executive Associate Dean of Education.</p> <p>The program proposal and course descriptions were reviewed and approved by the Faculty of Graduate and Postdoctoral Studies and the Senate Curriculum Committees, and forwarded to the Senate for their information (full Senate approval not required for certificate program).</p> <p>Informal student survey showed there is a strong interest in this program. Graduating MPT students were polled in September 2016, asking them to rate their interest in manual therapy training from 0-10. The average rating was 9.5, and the median was 10. Of the various Continuing Professional Development topics presented as options, manual therapy was the #1 ranked topic of interest.</p> <p>The content of IFOMPT-accredited programs has been developed over many years of instruction, and student feedback has been regularly incorporated into this curriculum.</p> <p>Consultation with Alma Mater Society (AMS), Graduate Student Society (GSS), took place over the period between October 28 and December 9, 2016. A face-to-face meeting with AMS and GSS representatives took place on November 9. The final consultation report is attached.</p>

Appendix 1 – Program Tuition and Fee Assessment Details

Program Description: Graduate Certificate in Orthopaedic Manipulative Physical Therapy (GCOMPT)

Start Date of the Program: 2017 Winter Session

	Domestic	International
Proposed Tuition Fees – Note 1 - PHTH580 (9 credits) and PHTH581 (3 credits)	\$591.08 per credit	\$591.08 per credit
Minimum No. of Instalments	Not Applicable	Not Applicable
Amount per Instalment	Not Applicable	Not Applicable
Continuing Fees per Instalment	Not Applicable	Not Applicable
Application Fees – Note 2	\$102.00	\$165.00
Non-Refundable Acceptance Deposit – Note 3	Not Applicable	Not Applicable
Program Lab fee – Note 4	\$2,907.00	\$2,907.00

Note 1. The tuition for each course will be subject to annual tuition increases as established by the University.

Note 2. This is the current standard rate for applications received for 2017 Winter and 2018 Summer sessions and is subject to annual increases.

Note 3. The non-refundable acceptance deposit will be applied towards the first tuition instalment.

Note 4: Fee will be subject to annual non-instructional fee increases as established by the University.

GRADUATE CERTIFICATE IN ORTHOPAEDIC MANIPULATIVE PHYSICAL THERAPY (GCOMPT)

STUDENT TUITION CONSULTATION REPORT

The Vice-President, Students Office, in partnership with the Faculty of Medicine, conducted a student consultation regarding the tuition proposal for the Graduate Certificate in Orthopaedic Manipulative Physical Therapy (GCOMPT). This report outlines the consultation process and summarizes student feedback including the student representatives' submission verbatim in Appendix 2.

Student Representative Bodies Invited to the Consultation

- Alma Mater Society (AMS)
- Graduate Student Society (GSS)

Mode of Consultation

The consultation consisted of an e-consultation and a face-to-face meeting. Student representative groups were invited to the consultation through email, and asked to distribute the invitation to their constituents as they felt appropriate. Student representative groups were also offered a face-to-face meeting to discuss the tuition proposal. A meeting with student representatives and faculty representatives occurred on November 9th, 2016.

Basis of Consultation: The consultation was based on a tuition proposal and rationale document created by the Faculty. Please see Appendix 1 for the invitation and tuition rationale document.

Timelines: The e-consultation was conducted over the period of October 28, 2016 to December 9, 2016.

Summary of Student Feedback: A submission was received from the AMS. The verbatim submission is in Appendix 2.

Organization	Summary
AMS student submission	TUITION COMPARATORS: “The AMS would like to see more effort on the part of the Faculty in seeking out similar programs within the Province as comparators, particularly if these programs will be mentioned in the tuition proposal as the only current option for similar accreditation in British Columbia”

No individual student submissions were received.

APPENDIX 1: INVITATION TO CONSULTATION AND TUITION RATIONALE DOCUMENT

Good afternoon,

There is a submission by the Faculty of Medicine to create the Graduate Certificate in Orthopaedic Manipulative Physical Therapy program.

In order to inform the program leads and the Board of Governors with regards to the **tuition proposal** for this program, the University is undertaking a consultative process to get your comments as student representatives, and provide an opportunity for students to provide individual comments on the tuition proposal if they wish. **Please note: the scope of this consultation process is limited to the tuition proposal.**

The consultation will consist of:

1. e-consultation

Please find attached a document which outline the details of the tuition proposal, including:

- an overview of the program,
- the student consultation that has happened to date,
- the tuition rationale for the program, and
- the proposed tuition.

Please share the document and this email as you see appropriate. **Comments on the tuition proposal and student submissions can be provided confidentially to: ben.pollard@ubc.ca (Ben Pollard, Director, Vice President Students Office).**

2. Face to Face meeting

If requested by student representatives, we can arrange a face-to-face meeting with the program leads regarding this tuition proposal. Please advise as soon as possible if you would like us to arrange a meeting.

THE CONSULTATION PROCESS WILL END ON NOVEMBER 27, 2016

Confidentiality

Comments will be collected by the Vice-President Students Office, and only staff within that office will know the identity of individual students submitting comments. At no time will anyone outside of the Vice President Students Office know the identity of individual students who submit comments to this consultation. Your comments will only be used for the purposes of the tuition consultation.

Comments from individual students will be stripped of any identifying information to ensure confidentiality, but otherwise will be provided to the responsible program leads and Board of Governors verbatim.

Comments received from student organizations will be reported as coming from those organizations, and provided to the responsible faculty and Board of Governors as received. There will also be a summary report of the consultation developed for the Faculty and Board of Governors.

Please let me know if you have any questions about the process.

Thank you.

Ben Pollard
Director, VPS Strategic Initiatives
University of British Columbia
ben.pollard@ubc.ca
604.827.3507

NEW PROGRAM TUITION CONSULTATION

Graduate Certificate in Orthopaedic Manipulative Physical Therapy

PROGRAM OVERVIEW

The Graduate Certificate in Orthopaedic Manipulative Physical Therapy (abbreviated GCOMPT) is a 21-credit specialized program for experienced, practicing physical therapists who aim to advance their evidence-based knowledge and skills in orthopaedic manual and manipulative physical therapy practice. The certificate is intended to be typically completed over a 2-year period of part-time study, allowing therapists to continue working while advancing their skills.

The program comprises two new physiotherapy courses, PHTH580(9) and PHTH581(3), as well as three pre-existing courses - RHSC501(3), RHSC587(3), RHSC589(3).

RHSC501 represents an online, discussion-based introduction to the use of clinical evidence in rehabilitation practice, and serves as a theoretical foundation and an introduction to online learning. RHSC501 will be taken in the fall term (Sep-Dec). Next, students will enrol in PHTH580 and PHTH581 simultaneously from January - November. PHTH581 is a primarily online course which teaches students to incorporate anatomy, biomechanics, pain science, and knowledge of manual therapy techniques into their clinical reasoning for specific regions and conditions of the musculoskeletal system. Online interaction with peers and instructors is a crucial component of this course. PHTH580 is a practical (hands-on) course, delivered over three in-person, intensive clinical blocks: a three-week block in February-March, a three-week block in June, and a 1-week review and exam session in November. The content of PHTH580 and PHTH581 are designed to coincide and synergize. In between the three-week blocks of clinical instruction, students complete clinical assignments based on mentorship with approved clinical practitioners. Finally, students will complete RHSC587 and 589 which will guide them through writing a research proposal and paper from January – August (year 2).

Key features of the program

This program has been designed such that students who complete all components of the certificate will be eligible to apply to be designated as FCAMPT – Fellow of the Canadian Academy of Manipulative Physiotherapy. CAMPT is the Canadian member organization of the International Federation of Orthopaedic Manipulative Physiotherapy, a part of the World Confederation of Physiotherapy and the World Health Organization. Its mission is to provide clinical excellence and recognition of advanced physiotherapy care for musculoskeletal conditions.

Currently, in BC the training leading to FCAMPT status is only available in the form of weekend courses offered by the Orthopaedic Division of the Canadian Physiotherapy Association which typically fill up very quickly, making it very difficult for therapists to gain training and credentialing in a timely fashion.

The professional nature of this program requires a high ratio of instructors to students (no more than 10:1) during the clinical blocks and during the examination session. These instructors represent highly trained physiotherapists (FCAMPT members).

The content area is within the interest of the largest number of BC PTs (private practice, orthopaedics).

The flexibility of the program delivery (online with short residential periods for clinical skill training) will enable a broad group of PTs to participate, including those based in rural or remote areas.

One of the certificate courses (PHTH580) includes a clinical practicum. The clinical practicum locations are to be approved by the Certificate program coordinator, and are intended to be flexible (i.e. not restricted to Vancouver) - international practicums may also be approved.

STUDENT CONSULTATION DURING THE PROGRAM DEVELOPMENT PROCESS

There is a strong interest in this program. Graduating MPT students were polled in September 2016, asking them to rate their interest in manual therapy training from 0-10. The average rating was 9.5, and the median was 10. Of the various Continuing Professional Development topics presented as options, manual therapy was the #1 ranked topic of interest.

Because the program adheres very closely to professional learning objectives required by the International Federation of Orthopaedic Manipulative Physical Therapists (IFOMPT), students were not consulted during the development of the course content itself. However, the content of IFOMPT-accredited programs has been developed over many years of instruction, and student feedback has been regularly incorporated into this curriculum. The instructors in this program have many years' experience teaching this same content in the Orthopaedic Division.

TUITION AND FEES RATIONALE

The program will start its offering in September 2017.

The tuition fees for the two new courses combined (PHTH580 and 581) are \$7,092.96. It is proposed that each of the courses PHTH580 (9 credits) and PHTH581 (3) will be assessed at \$591.08 per credit, effective 2017-18, for both domestic and international students. The tuition fees for the three pre-existing online courses (RHSC501(3 credits), 587(3), 589(3)) are \$615.07 per 1.5 credit for domestic students and \$627.20 per 1.5 credit for international students in 2017-18, effective May 1, 2017, subject to annual tuition increases.

Registration and tuition structure are as follows:

September - December (Year 1): RHSC501: Students will be assessed tuition fees in September at Year 1 of the program.

January to November (Years 1-2): PHTH580 and PHTH581: Students will be assessed upfront in January for the tuition fees of both of these courses totalling \$7,092.96. A \$2,907 lab fee is also assessed in January. Therefore, total assessment in January 2018 for the first cohort is approximately \$10,000 for students entering the program in September 2017.

January – August (Year 2): RHSC587 and RHSC589: Students will be assessed tuition fees of these courses in their respective term of registration.

The rationale for the higher cost of the PHTH courses, compared to the pre-existing RHSC courses, is that the PHTH courses include an in-person component, and are taught by specialist clinicians whose compensation rate is higher than typical UBC sessional lecturers.

The lab fees for the program amount to \$2,907 per student, or \$415.29/week. The reason for this (substantial) lab fee is due to the need to maintain a high instructor to student ratio (no more than 1:10), as well as the cost of bringing in additional FCAMPT-registered members to invigilate practical exams at a 4:1 ratio.

Costs of comparable programs

Western University (London, ON) offers a 1-year Master of Clinical Science for \$13,500. This program also leads to FCAMPT designation. However, students are encouraged not to work during the program.

McMaster University (Hamilton, ON) offers a 2-3-year Master of Science for \$13,256 (2 years) – \$14,330 (3 years).

PROPOSED TUITION AND FEES

The total cost of the program (tuition and lab fees) is \$13,690.38 for domestic students and \$13,763.16 for international students.

APPENDIX 2: STUDENT SUBMISSIONS

There was one submission from the AMS.



Submission to the UBC Board of Governors Regarding the Proposed Tuition for the Graduate Certificate in Orthopaedic Manipulative Physical Therapy (GCOMPT)

On Behalf of
Alma Mater Society of UBC Vancouver
November 27th, 2016

Dear Board of Governors,

This submission is being made on behalf of the Alma Mater Society (AMS) of UBC Vancouver in response to the request for feedback from the Vice-President Students' Office sent to these groups on October 28th, 2016 on the proposed tuition for the Graduate Certificate in Orthopaedic Manipulative Physical Therapy (GCOMPT) program.

The proposed tuition has been set at \$13,690 for domestic students and \$13,763.16 for international students. The AMS finds that the comparator programs are quite different in length and in resultant accreditation – the two listed are both Masters programs. As well, they neglect to calculate the cost for undertaking the same FCAMPT designation through weekend courses offered by the Orthopaedic Division of the Canadian Physiotherapy Association (CPA), which they mention as one of the only available paths in British Columbia to receiving similar training to acquire the same goal designation as the proposed program.

Having contacted the CPA for more information on the total cost for all the courses and exams required to receive appropriate training for FCAMPT designation, they have given me the rough estimation of \$12630 (in the form of 5 levels and 3 exams). Considering the difficulty in enrolling in such courses through the CPA – due classes filling up quickly and thus a delay in "credentialing in a timely fashion" – the difference between the CPA offered courses and this proposed program appears to be the convenience of a more timely designation.

The AMS would like to see more effort on the part of the Faculty in seeking out similar programs within the Province as comparators, particularly if these programs will be mentioned in the tuition proposal as the only current option for similar accreditation in British Columbia.

The AMS is grateful to the University and the Faculty of Medicine for including student input throughout this process.

Sincerely,

A handwritten signature in black ink, appearing to read "Samantha So".

Samantha So
Vice President Academic and University Affairs
AMS Student Society of UBC Vancouver
vpacademic@ams.ubc.ca