



MEMO

Dean of  
Graduate Studies

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**TO: Senate**

TEL

**FROM** Wade Parkhouse, Dean, Graduate Studies

**RE** Faculty of Health Sciences

**[GS2011.16]**

**CC** Craig Janes

**DATE** August 18, 2011

**For information**

Acting under delegated authority at its meeting of 18 July 2011, the SGSC approved the following curriculum revisions:

**Effective Date is May 2012**

**Faculty of Health Sciences**

**[GS2011.16]**

**a. Master of Science Program (MSc)**

i) Substantive calendar language changes to:

general description

Admission Requirements:

transfer from FHS MPH Program to MSc

Program Requirements:

transfer to FHS PhD Program

time to completion

Thesis Defense

ii) Program changes:

Remove recommended courses

Added 4 new core courses approved with FHS PhD proposal

Reduced required course units to 12

Increased minimum units for degree to 30

iii) New course: HSCI 886-6 MSc Thesis Proposal

iv) Change of units: HSCI 887-12 MSc Thesis

**b. Master of Public Health Program**

i) Change of prerequisites: HSCI 870-3 Global Health and International Affairs

Senators wishing to consult a more detailed report of curriculum revisions may do so on the Web at [http://www.sfu.ca/senate/Senate\\_agenda.html](http://www.sfu.ca/senate/Senate_agenda.html) following the posting of the agenda. If you are unable to access the information, please call [778.782.3168](tel:778.782.3168) or email [shelley\\_gair@sfu.ca](mailto:shelley_gair@sfu.ca).



Faculty of Health  
Sciences  
11300 Blusson Hall  
Simon Fraser University  
778-782-4821

TO: Wade Parkhouse, Dean, Graduate Studies | TEL

FROM Craig R. Janes, Associate Dean and Acting Graduate  
Program Director

RE Proposed changes to the FHS MSc program

DATE July 7, 2011

TIME 1:49 PM

On behalf of the Graduate Studies Committee I am submitting the following changes to our MSc program in the Faculty of Health Sciences. These changes were adopted by the Faculty Graduate Studies Committee in April, 2010, but because they were dependent on approval of the Faculty's PhD program, we delayed submission until the PhD program was approved by Senate and the SFU Board of Governors (BOG). These approvals have been attained.

As you will see from the calendar description language, we are proposing that the MSc program be changed to make it is less of a program focused on population and public health, and, like the PhD program, more a flexible program designed to accommodate research training in all disciplinary areas within the Faculty. The MSc and PhD program will now share a set of core seminars and colloquia that focus on interdisciplinary research in the Health Sciences. To ensure flexibility and some individual tailoring of curricula, required course units have been reduced to 12, though the assumption is that most, if not all, MSc students will complete additional courses in their areas of expertise. Finally, the FHS research seminar, titled up until now as the "MPH Seminar" has been retitled to reflect this broader emphasis as the "FHS Research Seminar"

The main substantive changes indicated in the attached from/to calendar language can be summarized as follows:

- ∟ 1) Language regarding admissions has been added, including: importance of identifying an appropriate senior supervisor prior to finalizing admissions and addition of English language requirements.
- ∟ 2) Language has been added regarding the processes for handling applications from those currently in the MPH program who wish to change to the MSc.
- P 3) We have removed the identified "recommended" core courses which were currently specific to those intending to pursue research in population and public health.
- P 4) We have added four new core courses: HSCI 902-3, 903-1, 904-1, 905-1 (these courses were approved with the PhD program proposal).
- P 5) We have reduced required course units to 12 (the SFU minimums for residence under the current Graduate General Regulations).
- P 6) We have added a new course, HSCI 886-6, entitled "MSc Thesis Proposal."
- P 7) We have changed the units of HSCI 887, "MSc Thesis" from 6 to 12.
- P 8) The minimum units required for the MSc degree are now 30.
- ∟ 9) Language regarding transfer to the FHS PhD program has been added.
- ∟ 10) Language regarding anticipated completion time has been added

Appended to this memorandum are: revisions to the MSc calendar entry (in from-to format), a minor course changes reflecting the unit change to HSCI 887-12, and new course proposal for HSCI 886-6, "MSc Thesis Proposal."

Let me know if you have any questions or concerns.



**FROM:**

# Health Sciences Master of Science Program

*Faculty of Health Sciences*

*[from the Simon Fraser University Calendar 2011 Summer]*

This master of science (MSc) program prepares graduates for research careers in one of the signature areas that either have been developed or are currently under development within the faculty including: global health; environmental and occupational health; and toxicology; maternal and child health; epidemiology and biostatistics; health promotion and disease prevention; infectious diseases; of chronic diseases and aging; mental health and substance use; population and public health perspectives on mental health and addictions; the impact of social inequalities on multiple health outcomes; social inequities and health; adolescent and children's health development; reproductive health; and health policy; and interdisciplinary perspectives on infectious disease. The available courses and directed research experiences available will cover health issues from the level of cells, organisms, systems, communities and populations, encompassing and transcending strictly individual or clinical perspectives.

**The MSc curriculum is flexible by design. Students, in consultation with faculty advisors, create a curriculum plan that will best help them meet their research and career goals. A disciplinary--specific application of the scientific method shall be common to all MSc curriculum plans.**

Formal academic instruction is available in regularly taught courses within the faculty (as described above) as well as in other University SFU faculties and departments, and other BC and Alberta universities in western Canada through the Western Deans' Agreement. In addition, directed studies and directed research courses may be available in specific areas.

~~The MSc is a research degree program that requires a thesis. The thesis will comprise a focused body of study that would normally require about two to three terms to complete.~~

## Admission Requirements

Applicants who are recent graduates should have completed a baccalaureate degree in a discipline relevant to their health sciences interest. Such disciplines include the social and behavioral sciences, life sciences and/or the quantitative sciences. **Applicants must satisfy all University admission requirements as outlined in SFU's Calendar under Graduate General Regulation 1.3.3.** A minimum cumulative grade point average of at least 3.3 on grading scales that are similar to those used by Simon Fraser University is normally required. ~~Applicants with substantial experience as practitioners in health or a related field will be evaluated in part on their academic credentials and in part on their career accomplishments. Applicants may receive conditional admission, subject to satisfactory completion of additional specified courses.~~ **Applicants must submit evidence, usually references from qualified referees, of their ability to undertake advanced research in their area of interest. Applicants should explain in their applications how their educational, research**

**and/or career experiences have prepared them for their selected areas of study and research in the program.**

**Applicants from countries where English is not the primary language must provide test scores from TWE, TOEFL, or IELTS examinations taken within two years prior to applying to the MSc program. Minimum scores are indicated in SFU Graduate General Regulation 1.3.12.**

Factors influencing admission **to the MSc program** include an assessment of whether the student's educational and career interest are complementary to the research strengths of the faculty, enrolment space, and the student's specific preparation.

**Before admission can be finalized, a FHS faculty member who will serve as a Senior Supervisor must be identified. Note that while applicants may apply to the program without identifying a Senior Supervisor, a final decision to admit depends on the commitment by a faculty member to serve in this capacity.**

Admission is competitive: meeting these minimum standards does not guarantee admission to the program.

~~Meeting program application requirements does not guarantee program admission. Applicants should demonstrate how their educational, research and/or career experiences have prepared them for their selected areas of concentration.~~

~~Students are admitted annually for each fall term. All applicants must meet the application deadline, which is set for the beginning of February preceding the term of matriculation. Only complete applications are considered.~~

To apply and pay the application fee online, consult the graduate studies website at <http://www.sfu.ca/gradstudents/applicants/index.html>.

For specific Faculty of Health Sciences information, visit <http://www.fhs.sfu.ca/graduate-programs>.

### \* **Applying from the FHS MPH Program to the MSc Program**

**Students in the FHS Master of Public Health (MPH) program may apply to the MSc program. MPH students must submit all required supporting documents to be considered for the MSc program by the advertised deadlines. Meeting program application requirements does not guarantee admission to the program. The FHS Graduate Studies Committee in consultation with the student's supervisor will determine credit for course work completed while in the MPH program.**

## **Program Requirements**

~~The curriculum consists of a minimum of six courses, one seminar and a thesis.~~

Requirements include two courses in methodology and research design that are relevant to the student's research and career interest. To meet this requirement, most students will find it advantageous, depending on their interests and prior training, to complete at least two of the following courses:

- ~~HSCI 801 4 Biostatistics for Population Health Practice I~~
- ~~HSCI 802 4 Principles of epidemiology for Public Health~~
- ~~HSCI 804 3 Biostatistics for Population Health Practice II~~
- ~~HSCI 805 3 Intermediate Epidemiologic Methods.~~

In addition, all students complete four additional courses, selected in consultation with their supervisor, from any of the graduate courses offered by the Faculty of Health Sciences.

With the approval of the senior supervisor and graduate program director, a student may complete up to two courses outside the Faculty of Health Sciences, either from within Simon Fraser University or from other universities who participate in the Western Dean's Agreement. This agreement provides for easy inclusion of graduate courses from most universities in BC and adjoining provinces.

All students complete

- ~~HSCI 900 0 MPH Seminar 1~~
- ~~HSCI 901 1 MPH Seminar 2~~

These courses, which are completed during the fall and spring terms, provide a context for all master's students to meet and learn from faculty and each other.

**The FHS MSc program is a research degree that is designed to incorporate a focus on one or more of the thematic areas of research expertise within FHS and to introduce students to interdisciplinary concepts in health sciences research. The minimum requirements for an MSc degree in FHS are:**

- **Completion of 12 units of graduate coursework**
- **Writing and defence of a MSc thesis proposal**
- **Writing and defence of a MSc thesis.**

**By the end of their second semester in the MSc program, and in consultation with their Senior Supervisor, students must have formed and met with their Supervisory Committee, whose composition must be approved by the FHS Graduate Studies Committee in accordance with SFU Graduate Regulations. The Supervisory Committee will normally consist of the Senior Supervisor and a minimum of two additional Faculty members whose expertise will complement the student's research and program goals. The role of the Supervisory Committee is to oversee student curricular planning and progress in the program and to assess student performance on the Thesis Proposal and Defence, the Thesis Research, and the Thesis Defence.**

**Students in the MSc program are required to submit and present annual progress reports to their Supervisory Committee. In addition to an evaluation of the student's**

progress by the Supervisory Committee, these reports should provide a summary of courses taken and grades achieved, planned course work and research---related activities (e.g., conference attendance), financial support and a self---evaluation done by the student of his/her progress.

MSc students must maintain a minimum GPA of 3.0 during their time in the program.

### MSc Course Work

The minimum requirements for all students in the FHS MSc program are 30 units of graduate course work, which consists of a minimum of:

- 1 core seminar (3 units);
- 3 core colloquium courses (each 1 unit; totaling 3 units); and
- 2 elective courses (equaling a minimum of 6 units);
- A thesis proposal (6 units)
- A master's thesis (12 units)

### Core courses:

- HSCI 902---Interdisciplinary Seminar in Health Sciences
- HSCI 903---Interdisciplinary Research Colloquium 1
- HSCI 904---Interdisciplinary Research Colloquium 2
- HSCI 905---Interdisciplinary Research Colloquium 3

Note: students who are accepted into the FHS PhD program are not required to repeat these courses provided they were completed with a minimum grade of A- in HSCI 902, and a grade of "satisfactory" in each of HSCI 903, HSCI 904, and HSCI 905.

### Elective courses:

Elective course work will be determined by the student in consultation with his/her Senior Supervisor and the Supervisory Committee. Elective courses may be from any of the graduate offerings at SFU, with the approval of offering units.

A student may be advised to take additional course work by his/her Senior Supervisor in consultation with the Supervisory Committee commensurate with the research interests of the student and within the scope of the student's curricular focus.

Additional courses may be taken at SFU or, in select cases, at other universities that participate in the Western Dean's Agreement.

All graduate students are expected to regularly attend the FHS Research Seminar series, HSCI 900, each Fall and Spring term.

### \* Transferring to the FHS PhD Program

Students in the MSc program may apply to transfer to the PhD program in FHS. To do so they must demonstrate their ability to carry out innovative, independent and original

**PhD level research in that field, have obtained high academic standing in previous university work, and have the support of their Senior Supervisor. All university regulations governing transfers must be met (SFU Graduate Regulations 1.3.4). Transfers will normally only be considered in the second through fifth semesters after enrollment in the MSc program. Transfer applications must be approved by the student's Supervisory Committee, the FHS Graduate Studies Committee, and the Dean of Graduate Studies. Students transferring from the MSc program will be eligible to earn only the PhD degree. Students will not be eligible to transfer to the PhD program beyond six semesters of full--time equivalent course work in the MSc program.**

### **Research**

**A major part of the MSc program will be devoted to original research as relevant within the context of the health science discipline the student is pursuing. The results of this research work are to be presented in the form of a thesis. The thesis shall be submitted and defended in accordance with SFU Graduate General Regulations.**

### **Anticipated completion time**

**The anticipated completion time of all program requirements for students enrolled in the FHS MSc program is 2-3 years (6-9 semesters) from initial enrollment, depending on the research discipline and progress in the program. In accordance with SFU's Graduate General Regulations 1.12.2, the maximum allowable time for completion of MSc requirements is 4 years (12 terms) of full--time equivalent enrollment. In addition, all requirements of the MSc degree must be completed within 6 calendar years of initial enrollment.**

### **MSc Thesis Requirement (HSCI 887-12)**

**The MSc is a research degree in which the main component is a thesis that addresses a research problem relevant to Health Sciences. Upon initiating their thesis research, MSc students enroll in HSCI 887-12 (MSc Thesis), and are continuously enrolled in HSCI 887 until the thesis is completed and successfully defended in accordance with the SFU's Graduate General Regulations 1.9 and 1.10.**

**Before commencing research leading to the MSc thesis, all students must prepare and successfully defend a thesis proposal. Students must also obtain, as necessary, relevant ethics, biosafety, and animal care and use approvals.**

### **Thesis Proposal (HSCI 886-6)**

**The student will prepare a written research proposal prior to commencing research leading to the MSc thesis. Upon initiating preparation of the proposal, MSc students enroll in HSCI 886-6 (MSc Thesis Proposal). The proposal shall be organized and evaluated in accordance to policies and procedures established by the FHS Graduate Studies Committee. In general, the proposal will integrate a review the relevant**



research literature and describe research methodology appropriate to the principal research question(s), expected results and their significance.

MSc students will normally submit their thesis proposal by the end of their first calendar year in the program to their Supervisory Committee. The student will then orally present and defend the proposal before their Committee. The proposal and oral defence will be graded on a pass/fail basis. Failure of the written proposal or oral defense will be considered unsatisfactory progress, and will trigger review by the FHS Graduate Studies Committee as outlined in SFU's Graduate General Regulation 1.8.2.

## Thesis Defence

~~The MSc is a research degree in which the main component will be a thesis that addresses a health sciences research problem. The thesis will comprise a focused body of study that would normally require about two to three terms to complete. Before commencing master's thesis research, all students prepare and successfully defend a thesis proposal before their supervisory committee, and obtain relevant ethics, biosafety, and experimental animal handling approvals as necessary.~~

~~The thesis requirement is completed by enrolling in~~

~~• HSCI 887-6 MSc Thesis~~

~~The course comprises focused study that normally requires two to three terms to complete. Upon embarking on their thesis research, MSc thesis stream students enrol in this course and continue to enrol in HSCI 887 until the thesis is completed and successfully defended, as described in graduate general regulations 1.9 and 1.10.~~

~~Before commencing master's thesis research, all students prepare and successfully defend a thesis proposal before their supervisory committee, and obtain relevant ethics, biosafety, and experimental animal handling approvals as necessary.~~

A written thesis is based on the candidate's original contribution to research in the field of his/her expertise, and is the final requirement for completion of the MSc program. The thesis will typically include a background/introduction section, research materials and/or methods, results and analyses, and discussion. Students must note in the thesis that the appropriate ethics, biosafety, and animal care and use approvals were obtained prior to conducting their research work.

All MSc candidates must pass the formal thesis defence which is conducted in accordance with SFU's Graduate General Regulations 1.9.2 and 1.10.1. The candidate will be recommended for the award of an MSc degree in Health Sciences upon successful defence of the thesis.

**Academic Requirements within the Graduate General Regulations**

All graduate students must satisfy the academic requirements that are specified in the Graduate General Regulations (residence, course work, academic progress, supervision, research competence requirement, completion time, and degree completion), as well as the specific requirements for the program in which they are enrolled, as shown above.

Simon Fraser University-Hide-

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## **Health Sciences Master of Science Program**

*Faculty of Health Sciences*

*Simon Fraser University Calendar 2011 Summer*

This master of science (MSc) program prepares graduates for research careers in one of the signature areas that either have been developed or are currently under development within the faculty including global health; environmental health and toxicology; epidemiology and prevention of chronic disease, population and public health perspectives on mental health and addictions; the impact of social inequalities on multiple health outcomes; adolescent and children's health, health policy, and interdisciplinary perspectives on infectious disease. The available courses and directed research experiences available will cover health issues from the level of cells, organisms, systems, communities and populations, encompassing and transcending strictly individual or clinical perspectives.

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Applicants who are recent graduates should have completed a baccalaureate degree in a discipline relevant to their health sciences interest. Such disciplines include the social and behavioral sciences, life sciences and/or the quantitative sciences. A

minimum cumulative grade point average of at least 3.3 on grading scales that are similar to those used by Simon Fraser University is normally required. Applicants with substantial experience as practitioners in health or a related field will be evaluated in part on their academic credentials and in part on their career accomplishments. Applicants may receive conditional admission, subject to satisfactory completion of additional specified courses.

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### **Thesis**

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The thesis requirement is completed by enrolling in

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The course comprises focused study that normally requires two to three terms to complete. Upon embarking on their thesis research, MSc thesis stream students enrol in this course and continue to enrol in HSCI 887 until the thesis is completed and successfully defended, as described in graduate general regulations 1.9 and 1.10.

Before commencing master's thesis research, all students prepare and successfully defend a thesis proposal before their supervisory committee, and obtain relevant ethics, biosafety, and experimental animal handling approvals as necessary.

### **Academic Requirements within the Graduate General Regulations**

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all

TO:

# Health Sciences Master of Science Program

*Faculty of Health Sciences*

This master of science (MSc) program prepares graduates for research careers in one of the signature areas that either have been developed or are currently under development within the faculty including: global health; environmental and occupational health; toxicology; maternal and child health; epidemiology and biostatistics; health promotion and disease prevention; infectious diseases; chronic diseases and aging; mental health and substance use; social inequities and health; adolescent and child development; reproductive health; and health policy. The available courses and directed research experiences available will cover health issues from the level of cells, organisms, systems, communities and populations, encompassing and transcending strictly individual or clinical perspectives.

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## **Admission Requirements**

Applicants to the MSc program who are recent graduates should have completed a baccalaureate degree in a discipline relevant to their area(s) of interest in the health sciences. Such disciplines include the social and behavioral sciences, humanities, life sciences, and/or the quantitative sciences.

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Applicants from countries where English is not the primary language must provide test scores from TWE, TOEFL, or IELTS examinations taken within two years prior to applying to the MSc program. Minimum scores are indicated in SFU Graduate General Regulation 1.3.12.

Factors influencing admission to the MSc program include an assessment of whether the student's educational and career interests are complementary to the research strengths of the Faculty, enrollment space, and the student's specific preparation.

Before admission can be finalized, a FHS faculty member who will serve as a Senior Supervisor must be identified. Note that while applicants may apply to the program without identifying a Senior Supervisor, a final decision to admit depends on the commitment by a faculty member to serve in this capacity.

Admission is competitive: meeting these minimum standards does not guarantee admission to the program.

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### **Applying from the FHS MPH Program to the MSc Program**

Students in the FHS Master of Public Health (MPH) program may apply to the MSc program. MPH students must submit all required supporting documents to be considered for the MSc program by the advertised deadlines. Meeting program application requirements does not guarantee admission to the program. The FHS Graduate Studies Committee in consultation with the student's supervisor will determine credit for course work completed while in the MPH program.

## **Program Requirements**

The FHS MSc program is a research degree that is designed to incorporate a focus on one or more of the thematic areas of research expertise within FHS and to introduce students to interdisciplinary concepts in health sciences research. The minimum requirements for an MSc degree in FHS are:

- Completion of 12 units of graduate coursework
- Writing and defence of a MSc thesis proposal
- Writing and defence of a MSc thesis.

By the end of their second semester in the MSc program, and in consultation with their Senior Supervisor, students must have formed and met with their Supervisory Committee, whose composition must be approved by the FHS Graduate Studies Committee in accordance with SFU Graduate Regulations. The Supervisory Committee will normally consist of the Senior Supervisor and a minimum of two additional Faculty members whose expertise will complement the student's research and program goals. The role of the Supervisory Committee is to oversee student curricular planning and progress in the program and to assess student performance on the Thesis Proposal, the Thesis Research, and the Thesis Defence.

Students in the MSc program are required to submit and present annual progress reports to their Supervisory Committee. In addition to an evaluation of the student's progress by the Supervisory Committee, these reports should provide a summary of courses taken and grades achieved, planned course work and research-related activities (e.g., conference attendance), financial support and a self-evaluation done by the student of his/her progress.

MSc students must maintain a minimum GPA of 3.0 during their time in the program.

## **MSc Course Work**

The minimum requirements for all students in the FHS MSc program are 30 units of graduate course work, which consists of a minimum of:

- 1 core seminar (3 units);
- 3 core colloquium courses (each 1 unit; totaling 3 units); and
- 2 elective courses (equaling a minimum of 6 units);
- A thesis proposal (6 units)
- A master's thesis (12 units)

### *Core courses:\**

- HSCI 902-3 Interdisciplinary Seminar in Health Sciences
- HSCI 903-1 Interdisciplinary Research Colloquium 1
- HSCI 904-1 Interdisciplinary Research Colloquium 2
- HSCI 905-1 Interdisciplinary Research Colloquium 3

*\*Note; students who are accepted into the FHS PhD program are not required to repeat these courses provided they were completed with a minimum grade of A- in HSCI 902, and a grade of "satisfactory" in each of HSCI 903, HSCI 904, and HSCI 905.*

### *Elective courses:*

Elective course work will be determined by the student in consultation with his/her Senior Supervisor and the Supervisory Committee. Elective courses may be from any of the graduate offerings at SFU, with the approval of offering units.

A student may be advised to take additional course work by his/her Senior Supervisor in consultation with the Supervisory Committee commensurate with the research interests of the student and within the scope of the student's curricular focus. Additional courses may be taken at SFU or, in select cases, at other universities that participate in the Western Dean's Agreement.

All graduate students are expected to regularly attend the FHS Research Seminar series, HSCI 900, each Fall and Spring term.

## **Transferring to the FHS PhD Program**



Students in the MSc program may apply to transfer to the PhD program in FHS. To do so they must demonstrate their ability to carry out innovative, independent and original PhD level research in that field, have obtained high academic standing in previous university work, and have the support of their Senior Supervisor. All university regulations governing transfers must be met (SFU Graduate Regulations 1.3.4). Transfers will normally only be considered in the second through fifth semesters after enrollment in the MSc program. Transfer applications must be approved by the student's Supervisory Committee, the FHS Graduate Studies Committee, and the Dean of Graduate Studies. Students transferring from the MSc program will be eligible to earn only the PhD degree. Students will not be eligible to transfer to the PhD program beyond six semesters of full---time equivalent course work in the MSc program.

## **Research**

A major part of the MSc program will be devoted to original research as relevant within the context of the health science discipline the student is pursuing. The results of this research work are to be presented in the form of a thesis. The thesis shall be submitted and defended in accordance with SFU Graduate General Regulations.

## **Anticipated completion time**

The anticipated completion time of all program requirements for students enrolled in the FHS MSc program is 2-3 years (6-9 semesters) from initial enrollment, depending on the research discipline and progress in the program. In accordance with SFU's Graduate General Regulations 1.12.2, the maximum allowable time for completion of MSc requirements is 4 years (12 terms) of full---time equivalent enrollment. In addition, **all requirements** of the MSc degree must be completed within 6 calendar years of initial enrollment.

## **MSc Thesis Requirement (HSCI 887-12)**

The MSc is a research degree in which the main component is a thesis that addresses a research problem relevant to Health Sciences. Upon initiating their thesis research, MSc students enroll in HSCI 887-12 (MSc Thesis), and are continuously enrolled in HSCI 887 until the thesis is completed and successfully defended in accordance with the SFU's Graduate General Regulations 1.9 and 1.10.

Before commencing research leading to the MSc thesis, all students must prepare and successfully defend a thesis proposal. Students must also obtain, as necessary, relevant ethics, biosafety, and animal care and use approvals.

## **Thesis Proposal (HSCI 886-6)**

The student will prepare a written research proposal prior to commencing research leading to the MSc thesis. Upon initiating preparation of the proposal, MSc students enroll in HSCI 886-6 (MSc Thesis Proposal). The proposal shall be organized and evaluated in accordance to policies and procedures established by the FHS Graduate Studies Committee. In general,

the proposal will integrate a review the relevant research literature and describe research methodology appropriate to the principal research question(s), expected results and their significance.

MSc students will normally submit their thesis proposal by the end of their first calendar year in the program to their Supervisory Committee. The student will then orally present and defend the proposal before their Committee. The proposal and oral defence will be graded on a pass/fail basis. Failure of the written proposal or oral defense will be considered unsatisfactory progress, and will trigger review by the FHS Graduate Studies Committee as outlined in SFU's Graduate General Regulation 1.8.2.

### **Thesis Defence**

A written thesis is based on the candidate's original contribution to research in the field of his/her expertise, and is the final requirement for completion of the MSc program. The thesis will typically include a background/introduction section, research materials and/or methods, results and analyses, and discussion. Students must note in the thesis that the appropriate ethics, biosafety, and animal care and use approvals were obtained prior to conducting their research work.

All MSc candidates must pass the formal thesis defence which is conducted in accordance with SFU's Graduate General Regulations 1.9.2 and 1.10.1. The candidate will be recommended for the award of an MSc degree in Health Sciences upon successful defence of the thesis.

### **Academic Requirements within the Graduate General Regulations**

All graduate students must satisfy the academic requirements that are specified in the Graduate General Regulations (residence, course work, academic progress, supervision, research competence requirement, completion time, and degree completion), as well as the specific requirements for the program in which they are enrolled, as shown above.



# New Graduate Course Proposal Form

## PROPOSED COURSE

Program (eg. ECON) HSCI	Number (eg. 810) 886	Units (eg. 4) 6
Course Title (max 80 characters) MSc Thesis Proposal		
Short Title (appears on transcripts, max 25 characters) Thesis Proposal		
Course Description for SFU Calendar <input type="checkbox"/> see attached document <input type="checkbox"/> Learning outcomes identified Development and presentation of proposal for MSc thesis research.		
Available Course Components: <input type="checkbox"/> Lecture <input type="checkbox"/> Seminar <input type="checkbox"/> Laboratory <input type="checkbox"/> Practicum <input type="checkbox"/> Online <input type="checkbox"/> _____		
Grading Basis <input type="checkbox"/> Graded <input type="checkbox"/> Satisfactory/Unsatisfactory <input checked="" type="checkbox"/> In Progress/Complete		
Prerequisites (if any) <input type="checkbox"/> see attached document <b>Enrolment in HSCI MSc program</b>		
<input type="checkbox"/> This proposed course is combined with an undergrad course: Course number and units: _____		
Additional course requirements for graduate students <input type="checkbox"/> See attached document (if this space is insufficient)		
Campus at which course will be offered (check all that apply) <input checked="" type="checkbox"/> Burnaby <input type="checkbox"/> Vancouver <input type="checkbox"/> Surrey <input type="checkbox"/> GNW <input type="checkbox"/> _____		
Estimated enrolment var	Date of initial offering January 2012	Course delivery (eg. 3 hrs/week for 13 weeks) n/a
Justification <input checked="" type="checkbox"/> See attached document See MSc calendar change document and covering memorandum.		

## RESOURCES

If additional resources are required to offer this course, the department proposing the course should be prepared to provide information on the source(s) of those additional resources.

Faculty member(s) who will normally teach this course <input type="checkbox"/> information about their competency to teach the course is appended All HSCI faculty
Number of additional faculty members required in order to offer this course None
Additional space required in order to offer this course <input type="checkbox"/> see attached document None
Additional specialized equipment required in order to offer this course <input type="checkbox"/> see attached document None
Additional Library resources required (append details) <input type="checkbox"/> Annually \$ _____ <input type="checkbox"/> One-time \$ _____ None

**PROPOSED COURSE** from first page

Program (eg. ECON) HSCI	Number (eg. 810) 886	Units (eg. 4) 6
Course title (max 80 characters) MSc Thesis Proposal		

**APPROVAL SIGNATURES**

When a department proposes a new course it must first be sent to the chairs of each faculty graduate program committee where there might be an overlap in course content. The chairs will indicate that overlap concerns have been dealt with by signing the appropriate space or via a separate memo or e-mail (attached to this form).

The new course proposal must also be sent to the Library for a report on library resources.

Once overlap concerns have been dealt with, signatures indicate approval by the department, home faculty and Senate Graduate Studies Committee.

**Other Faculties**

The signature(s) below indicate that the Dean(s) or designate of other Faculties affected by the proposed new course support(s) the approval of the new course.

Name of Faculty	Signature of Dean or Designate	Date
N/A		

**Departmental Approval** (non-departmentalized faculties need not sign)

Department Graduate Program Committee	Signature	Date
Department Chair	Signature	Date

**Faculty Approval**

Faculty approval indicates that all the necessary course content and overlap concerns have been resolved, and that the Faculty/Department commits to providing the required Library funds and any other necessary resources.

Faculty Graduate Program Committee	Signature CRAIG JAMES	Date July 7/2011
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**Senate Graduate Studies Committee Approval**

SGSC approval indicates that the Library report has been seen, and all resource issues dealt with. Once approved, new course proposals are sent to Senate for information.

Senate Graduate Studies Committee George Agnes	Signature [Signature]	Date Aug. 19/2011
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**CONTACT**

Upon approval of the course, the Dean of Graduate Studies office will consult with the department or school regarding other course attributes that may be required to enable the proper entry of the new course in the student record system.

Department / School / Program	Contact name	Contact email
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## Graduate Course Minor Change Form

This form is for an SFU department or program to request a minor change to an existing graduate course. After approval and signature by the faculty graduate studies committee, this form should be forwarded to the Dean of Graduate Studies for approval by the Senate Graduate Studies Committee (SGSC). SGSC will forward the approval to Senate for information.

### DEPARTMENT

Department / School / Program HSCI	Contact name Craig Janes	Contact email cjan@sfu.ca
Please revise the following elements of the indicated graduate course: <input type="checkbox"/> Catalogue number <input checked="" type="checkbox"/> Units <input type="checkbox"/> Title <input type="checkbox"/> Description <input type="checkbox"/> Other: _____		

### CURRENT COURSE

Please complete only the fields to be changed.

Program (eg. ECON) HSCI	Number (eg. 810) 887	Units (eg. 4) 6
Course title (max 80 characters) MSc Thesis		
Short title (appears on transcripts, max 25 characters) MSc Thesis		
Course description for SFU Calendar <input type="checkbox"/> see attached [None]		
Available course components <input type="checkbox"/> Lecture <input type="checkbox"/> Seminar <input type="checkbox"/> Laboratory <input type="checkbox"/> Practicum <input type="checkbox"/> Online <input type="checkbox"/> _____		
Grading basis <input type="checkbox"/> Graded <input type="checkbox"/> Satisfactory / Unsatisfactory <input checked="" type="checkbox"/> In Progress / Complete <input type="checkbox"/> _____		
Prerequisites (if any)		
This is combined with an undergrad course. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Course number and units: _____		
Additional course requirements for graduate students		

### REVISED COURSE

Please complete only the fields to be changed.

Program (eg. ECON)	Number (eg. 810)	Units (eg. 4) 12
Course title (max 80 characters)		
Short title (appears on transcripts, max 25 characters)		
Course description for SFU Calendar <input type="checkbox"/> see attached		
Available course components <input type="checkbox"/> Lecture <input type="checkbox"/> Seminar <input type="checkbox"/> Laboratory <input type="checkbox"/> Practicum <input type="checkbox"/> Online <input type="checkbox"/> _____		
Grading basis <input type="checkbox"/> Graded <input type="checkbox"/> Satisfactory / Unsatisfactory <input type="checkbox"/> In Progress / Complete <input type="checkbox"/> _____		
Prerequisites (if any)		
This is combined with an undergrad course. <input type="checkbox"/> Yes <input type="checkbox"/> No		
Course number and units: _____		
Additional course requirements for graduate students		

### APPROVALS

CRAIG JANES  
Faculty graduate studies committee name  
George Agnes  
Senate graduate studies committee name

[Signature]  
Signature  
[Signature]  
Signature

July 7/2011  
Date  
Aug. 19/2011  
Date



Faculty of Health  
Sciences  
11300 Blusson Hall  
Simon Fraser University  
778-782-4821

TO: Wade Parkhouse, Dean, Graduate Studies

TEL

FROM Craig R. Janes, Associate Dean and Acting Graduate  
Program Director

RE Prerequisite change to HSCI 870

DATE July 11, 2011

TIME 3:27 PM

On May 25, 2010 the FHS Graduate Studies Committee approved a minor change to the MPH Global Health Curriculum where HSCI 870-3, Global Health and International Affairs, replaced HSCI 822-3, Globalization and Health, as a requirement for all first-year MPH-Global Health students. (This change was approved by the SGSC and submitted for information to Senate at its October, 2010 meeting). However, we neglected to remove the prerequisite which currently states that students must take HSCI 822 before taking HSCI 870.

The following minor course change form rectifies this oversight.

Let me know if you have any questions or concerns.

A handwritten signature in black ink, appearing to be 'C. Janes', written in a cursive style.



# Graduate Course Minor Change Form

This form is for an SFU department or program to request a minor change to an existing graduate course. After approval and signature by the faculty graduate studies committee, this form should be forwarded to the Dean of Graduate Studies for approval by the Senate Graduate Studies Committee (SGSC). SGSC will forward the approval to Senate for information.

## DEPARTMENT

Department / School / Program HSCI	Contact name Craig Janes	Contact email cjanes@sfu.ca
Please revise the following elements of the indicated graduate course: <input type="checkbox"/> Catalogue number <input type="checkbox"/> Units <input type="checkbox"/> Title <input type="checkbox"/> Description <input type="checkbox"/> Other: <u>prerequisites</u>		

## CURRENT COURSE

Please complete only the fields to be changed.

Program (eg. ECON) HSCI	Number (eg. 810) 870	Units (eg. 4) 3
Course title (max 80 characters)		
Short title (appears on transcripts, max 25 characters)		
Course description for SFU Calendar <input type="checkbox"/> see attached		
Available course components <input type="checkbox"/> Lecture <input type="checkbox"/> Seminar <input type="checkbox"/> Laboratory <input type="checkbox"/> Practicum <input type="checkbox"/> Online <input type="checkbox"/> _____		
Grading basis <input type="checkbox"/> Graded <input type="checkbox"/> Satisfactory / Unsatisfactory <input type="checkbox"/> In Progress / Complete <input type="checkbox"/> _____		
Prerequisites (if any) HSCI 822, or permission of instructor		
This is combined with an undergrad course. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Course number and units: _____		
Additional course requirements for graduate students		

## REVISED COURSE

Please complete only the fields to be changed.

Program (eg. ECON)	Number (eg. 810)	Units (eg. 4)
Course title (max 80 characters)		
Short title (appears on transcripts, max 25 characters)		
Course description for SFU Calendar <input type="checkbox"/> see attached		
Available course components <input type="checkbox"/> Lecture <input type="checkbox"/> Seminar <input type="checkbox"/> Laboratory <input type="checkbox"/> Practicum <input type="checkbox"/> Online <input type="checkbox"/> _____		
Grading basis <input type="checkbox"/> Graded <input type="checkbox"/> Satisfactory / Unsatisfactory <input type="checkbox"/> In Progress / Complete <input type="checkbox"/> _____		
Prerequisites (if any) Admission to the graduate program or permission of the Instructor		
This is combined with an undergrad course. <input type="checkbox"/> Yes <input type="checkbox"/> No		
Course number and units: _____		
Additional course requirements for graduate students		

## APPROVALS

Craig R. Janes  
Faculty graduate studies committee name  
George Agnes  
Senate graduate studies committee name

Signature  
  
Signature

11 July 2011  
Date  
Aug. 19/2011  
Date

Simon Fraser University-Hide-

## Contents

- Admission Requirements
- Program Requirements
  - Core Course Requirements
  - Project Option
  - Thesis Option
  - Practicum
  - Concentration Requirements
- Academic Requirements within the Graduate General Regulations

Fall 2011 Calendar | Health Sciences |**Health Sciences Master of Public Health Program***Faculty of Health Sciences**Simon Fraser University Calendar 2011 Fall*

A master of public health (MPH) program, which focuses on population and public health, is offered with practice-based study which integrates core public health knowledge with the attainment of public health practitioner skills.

**Admission Requirements**

Applicants who are recent graduates will have a baccalaureate degree in a discipline relevant to population and public health including the social and behavioral sciences, life sciences, and/or the quantitative sciences. A 3.3 cumulative grade point average is normally required. Applicants with substantial practitioner experience in health or a related field will be evaluated in part on their academic credentials and career accomplishments.

Applicants may receive conditional admission subject to satisfactory completion of additional specified courses and a statistics university undergraduate course or its equivalent.

Applicants should indicate their preferred MPH concentration, and must demonstrate experience, interest, and commitment to their chosen area of study. Global health concentration applicants should have some international experience.

Factors influencing MPH program admission include the availability of faculty



year, but it may be completed later provided that prerequisites are met. Either way, these options allow ample time to complete core course requirements before undertaking the practicum.

### **Public Health Practice Seminars**

In their first year, students register in HSCI 901 in both the fall and spring terms. Seminars include practicum preparation workshops.

### **Concentration Requirements**

In addition to the requirements stated above, students choose one of the following concentrations.

#### Environmental and Occupational Health Concentration

#### ✂ Global Health Concentration

This concentration prepares professionals and graduates to become agents of change who are prepared to mitigate health inequities in a global context. The concentration teaches the skills and knowledge of population and public health so that students can work in resource challenged contexts. Students learn strategies for promoting health and preventing disease in socially and culturally diverse settings that are characterized by serious health inequities. Students will identify and challenge the power structures that produce poverty, inequality, and disease. They will analyze issues of ethics and human rights as these apply to health disparities worldwide. And they will develop programs and formulate policy to change and enhance the performance of health systems. Putting such knowledge into action is a critical dimension of the program. The program provides skills, experiences, sensitivity, ethical principles, and insights to respond creatively to health challenges in an interconnected and globalized world.

In addition to the core courses listed above, students who choose this concentration will complete all of

- HSCI 821-3 Introduction to Global Health
- HSCI 822-3 Globalization and Health
- HSCI 824-3 Comparative Health Care Systems
- HSCI 830-3 Health Promotion
- HSCI 870-3 Global Health and International Affairs

and a minimum of one methods or skills course chosen from

- HSCI 804-3 Biostatistics for Population Health Practice II