SIMON FRASER UNIVERSITY

S.07-32

Senate Committee on University Priorities
Memorandum

TO: Senate

FROM: John Waterhouse
Chair, SCUP
Vice President, Academic

RE: Proposal for a new M.Sc concentration In Global Health in the Faculty of Health Sciences, and a name change of the Graduate Diploma (SCUP 07-08)

DATE: February 14, 2007

At its February 7, 2007 meeting SCUP reviewed and approved the proposal from the Faculty of Health Sciences for a new M.Sc. concentration in Global Health. It is expected that students currently in the existing program will transition into the new M.Sc. concentration.

At that meeting, there was agreement to change the name of the Graduate Diploma credential from "Graduate Diploma in Health Studies" to "Graduate Diploma in Global Health". Subsequent investigation revealed that this change had been approved at Senate in January 2006, but is not yet reflected in the SFU Calendar.

Motion

That Senate approve and recommend to the Board of Governors the proposal for a new Global Health concentration within the M.Sc in Population and Public Health in the Faculty of Health Sciences.

encl.

c: D. MacLean
M. Joffres

SIMON FRASER UNIVERSITY
DEAN OF GRADUATE STUDIES
MEMORANDUM

TO: Senate Committee on University Priorities

FROM: Jonathan Driver
Senate Graduate Studies Committee

SUBJECT: Faculty of Health Sciences: Curriculum changes **(GS2006.48)**

DATE: January 17, 2007

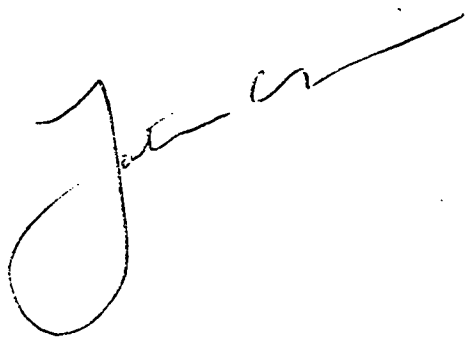
cc: M. Joffres, Faculty of Health Sciences
Senate (for information)

At its 20th November 2006 meeting, SGSC approved changes to programs in the Faculty of Health Sciences. We believe that the addition of a new concentration in the MSc program requires approval by SCUP and Senate, as does a revised graduate diploma program, and the plan for transitioning students out of the existing cohort special arrangements program in Global Health and into the new M.Sc. concentration.

We recommend that SCUP approve the following items:

1. New M.Sc. concentration in Global Health **(GS2006.48a)**
2. Proposal to change the Graduate Diploma in Health Studies to a Graduate Diploma in Global Health **(GS2006.48b)**

Minor course changes **(GS2006.48c)** - revisions to existing courses, new courses, deleted courses - have been approved by SGSC and sent to Senate for information. To reduce the use of paper, we have not included this information with materials sent to SCUP.



2.

GS2006.48

FACULTY OF HEALTH SCIENCES
WEST MALL CENTRE 2812
8888 UNIVERSITY DRIVE,
BURNABY, BC V5A 1S6
PHONE (604) 291-4821
FAX (604) 291-5927

MEMORANDUM

DATE: November 2, 2006

TO: Jon Driver, Dean of Graduate Studies

CC: Trude Heift, Associate Dean of Graduate Studies

FROM: **Michel Joffres, Graduate Program Chair**

RE: **Proposal for a global health concentration and supporting documents**

The Graduate Studies Committee, Faculty of Health Sciences agreed on the following calendar changes at its meeting of October 31, 2006. These changes are subsequent to the decision of the Faculty to withdraw its proposal for a separate degree program in global health, and instead propose it as a named and transcripted area concentration within the Master of Science Population and Public Health program.

This change was made after full and considered discussion by the faculty in the context of two day-long retreats and a formal ballot.

The educational rationale for this change can be summarized as follows:

- The proposed global health program shared a large number (> 50%) of courses with the existing MScPPH program;
- We wished to include the global health program under our "accreditation umbrella" – the MScPPH is proposed by formal accreditation by the Council on Education for Public Health;
- Survey of prospective and current students suggested that the MScPPH degree was much more desirable because it is a credential-like degree recognized internationally.

This decision requires that we move swiftly to seek approval for the new concentration and insure that the interests of our current students in the MA in Global Health (by special arrangements) cohort program are protected.

We come to the Senate Graduate Studies Committee with three requests:

1) Approval of the concentration, including a number of needed, mostly minor, modifications to existing global health (GLOH) courses, and a small number of new course proposals;

ROOM 2812, WEST MALL CENTRE (WMC)
SIMON FRASER UNIVERSITY, BURNABY BC
CANADA, V5A 1S6

2) Approval of modifications to the Diploma Program in Global Health;
3) Approval of a scheme to permit current MAGH cohort students to transfer to the new concentration if they wish; and

support of these changes, we provide the following attachments:

Attachment #1:
Revisions to the 2006/2007 calendar to include Global Health as an area concentration within the MSc Population and Public Health program.

Attachment #2:
Subsequent to these program changes we have included minor calendar change requests as well as the Graduate Course Minor Change Forms:

a. **Numbering Changes**: The Graduate Studies Committee recommends the change in numbering of Global Health courses from 600 to 800 affecting the following courses: GLOH 650, GLOH 660, GLOH 680, GLOH 696, GLOH 697. The change in numbering is consistent with University policy for practicum and thesis stream courses.
b. **Title and numbering changes**: The Graduate Studies Committee requests course title and numbering changes for: GLOH 610, GLOH 620, GLOH 640, GLOH 690, PPH-897.
c. **Credit hour change**: PPH-891 Special Topics should be a 3 credit course not a 4 credit course.
d. **New Course Proposals**: GLOH 815 and GLOH 835 with course outlines. These courses originated with the MA GLOH Program (as GLOH 615 and 635) and were approved by the GSC on May 25 2006.

Attachment #3 and 4:
Lastly, subsequent to approval of the Global Health area concentration, we are requesting approval from the Senate Graduate Studies Committee of our proposal to permit current students in the MAGH cohort-SAR program to transfer to the MScPPH [Global Health] program. See the attached for a breakdown of the course requirements for the proposed MScPPH (Global health) program, and a spreadsheet comparing the course work for the approved MA Global Health Cohort-SAR program and the proposed MScPPH [Global Health] program.

In brief, this transfer plan would involve the following: 1) To transfer to the MScPPH program, MA Global Health cohort-SAR students must add HSCI 803-5 "Research Methodology for Health Sciences. Because of this addition to the spring (1071) course load GLOH 670 "Disease Prevention and Control" will be offered in the Fall 2007 semester (1077). 2) GLOH 690-3 "Health and the Economy" will be waived as a course requirement.

With these changes there will be a difference of one credit hour. The MA Global Health SAR program is 45 credit hours and the proposed MScPPH Global Health SAR program would be 46 credit hours.

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WEST MALL CENTRE 2812
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MEMORANDUM

DATE: November 27, 2006

TO: Jon Driver, Dean of Graduate Studies

CC: Trude Heift, Associate Dean of Graduate Studies

FROM: Michel Joffres, Graduate Program Chair

RE: Updated Calendar submission with SGSC recommendations and supporting documents

Comments:

We have implemented the recommendations of the Senate Graduate Studies Committee which approved the Master of Science Population and Public Health – Global health concentration at is meeting on November 20, 2006. We have revised our calendar (attachment #1) and our minor course change submission (attachment#2).

The minor course change submission was updated to identify the courses that are to be deleted from the calendar and to include the GLOH 630 minor course change proposal.

For your records the following courses should be deleted from the calendar:

GLOH 610	GLOH 620	GLOH 630
GLOH 640	GLOH 650	GLOH 660
GLOH 670	GLOH 680	GLOH 690
GLOH 696	GLOH 697	GLOH 501
GLOH 510	GLOH 520	GLOH 530

5.

Calendar Changes to include the concentration in Global Health

FROM:

Faculty of Health Sciences

2812 West Mall Centre, 604.291.4821/7036 Tel. 604.291.5927 Fax. www.fhs.sfu.ca, fhsgrads@sfu.ca

Dean

D.R. MacLean MD (Dal), MA, MHS (Tor)

Associate Deans

M.V. Hayes BA, MSc, PhD (McM)

C. Janes BA (San Diego), MA (Colorado), PhD (Calif)

Graduate Program Chair

R.A. Lockhart BSc (Br Col), MA, PhD (Calif)

Faculty hiring is under way. See "Faculty of Health Sciences" on page 200 for a complete list of faculty members, and the Faculty of Health Sciences website www.fhs.sfu.ca for updated information.

Faculty

A. Chockalingam - global burden of cardiovascular and respiratory diseases; hypertension prevention and control, control of cardiovascular risk factors, ethnicity, gender and cardiovascular diseases, patient education, clinical trials research, methodology

S. Corber - operational aspects of public health programs and interventions in Canada and globally; principles and practice of population and public health desease prevention and control international health

K.K. Corbett - behavioural and organizational change, health communication and intervention research; participatory research with and service delivery to diverse communities and under-served populations

M. Forlenza - biobehavioural and psychosocial oncology, cancer epidemiology, molecular epidemiology of cancer, psychoneuroimmunology

M.V. Hayes - social geography, population health

6.

E. Goldner - mental health and addiciton services and policy, knowledge translation and exchange

M. Joffres - primary prevention, population health, hypertension and cardiovascular disease epidemiology, as well as studying the link between emotions and health

C. Janes - anthropological health research in global settings, health disparities in areas undergoing socioeconomic and political reform

M. Morrow - critical health policy with foci on: mental health reform, service provision and access to health services; mental health and social inequity; mental health and citizen engagement; globalizatin, neoliberal reforms, gender and health

J.K. Scott - immunochemistry, immunology

J. Somers - mental health services and policy, addiction and substance abuse

T. Takaro - disease susceptibility factors in environmental and occupational health, particularly inflammatory lung conditions including asthma, chronic beryllium disease and asbestosis; linking laboratory biomarker work with public health practice including community-based interventions

R. Tucker - gender, ethnic and socio-economic disparities in adolescent mental health and relationships between mental health and other health issues

C. Waddell - children's health and mental health, health policy, population health

L. Zeng - statistical methods for longitudinal data analysis: estimating functions, transition models, missing data

Associated Faculty

B. Brandhorst, Molecular Biology and Biochemistry

F. Brinkman, Molecular Biology and Biochemistry

D. Cohn, Political Science

R. Corrado, Criminology

D. Culhane, Sociology and Anthropology

A. Davison, Kinesiology

M. Ester, Computing Science

7.

D. Finegood, Kinesiology

J. Graham, Statistics and Actuarial Sciences

G. Gutman, Gerontology

N. Haunerland, Biological Sciences

M. Howlett, Political Science

J. Hu, Statistics and Actuarial Sciences

G. Iarocci, Psychology

D. Kaufman, Education

S. Lear, Kinesiology

L. Lemare, Education

R. Lockhart, Statistics and Actuarial Sciences

C. Lowenberger, Biological Sciences

C. MacKenzie, Kinesiology

S. MacLean, Political Science

B. McNeney, Statistics and Actuarial Sciences

N. Olewiler, Economics

A. Parameswaram, Engineering Science

W. Parkhouse, Kinesiology

C. Patton, Sociology and Anthropology, Women's Studies

S. Pigg, Sociology and Anthropology

M. Pinto, Vice President Research

A. Rawicz, Engineering Science

S. Robinovitch, Kinesiology

8.

N. Schuurman, Geography

G. Tibbits, Kinesiology

D. Weeks, Psychology

A. Wister, Gerontology

TO:

Faculty of Health Sciences

East Academic Annex (EAA 1000) 8888 University Drive Burnaby, BC V5A 1S6,
*telephone, fax, www.fhs.sfu.ca, fhsgrads@sfu.ca *to be determined*

Dean
D.R. MacLean MD (Dal), MA, MHS (Tor)

Associate Deans
M.V. Hayes BA, MSc, PhD (McM)

C. Janes BA (Calif-San Diego), MA (Colorado), PhD (Calif-Berkeley & San Francisco)

Graduate Program Chair
M. Joffres Bac-C (France)MD (Toulouse) MSPH, PhD (Hawaii)

Faculty hiring is under way. See "Faculty of Health Sciences" on page 200 for a complete list of faculty members, and the Faculty of Health Sciences website www.fhs.sfu.ca for updated information.

Faculty

R. Allen BS, Physics (Granville, Ohio) MS (Wash), PhD (Wash) - Air pollution exposure assessment in indoor and outdoor exposures; air pollution health effects; and the development of methods to reduce exposure misclassification in large epidemiological studies

A. Chockalingam BE (Madras), MS(IITM), PhD (Nfld.) - Global burden of cardiovascular and respiratory diseases; hypertension prevention and control, control of cardiovascular risk factors; ethnicity, gender and cardiovascular diseases; patient education; clinical trials research; methodology

9.

Calendar Changes to include the concentration in Global Health

S. Corber BSc, MD (McG), DPH (Liv) - Operational aspects of public health programs and interventions in Canada and globally; principles and practice of population and public health disease prevention and control international health

K.K. Corbett AB (Stanford), MPH, MA, (Calif-Berkeley), PhD (Calif-Berkeley & San Francisco) - Behavioural and organizational change; health communication and intervention research; participatory research with and service delivery to diverse communities and under-served populations

E. Goldner BSc (Tor) MD (Calg), MHSc (Br Col) - Mental health and addiction services and policy, knowledge translation and exchange

L. Goldsmith BA & Sc (McM), MSc (McM), PhD (N Carolina) – Access to health care; medical under service; structure and organization of health care systems; qualitative methods

M.V. Hayes BA, MSc, PhD (McM) - Social geography; population health

R. Hogg BA (Vic), MA (Vic) PhD (ANU) - Demography; population health; infectious diseases epidemiology; HIV/AIDS; marginalized populations; First Nations health; antiretroviral therapy.

M. Joffres Bac-C (France), MD (Toulouse) MSPH, PhD (Hawaii) - Primary prevention, population health, hypertension and cardiovascular disease epidemiology, emotions and health, chronic diseases, breast cancer, international health

C. Janes BA (Calif-San Diego), MA (Colorado), PhD (Calif-Berkeley & San Francisco) - Anthropological health research in global settings; health disparities in areas undergoing socioeconomic and political reform

L.H. Malcoe AB (San Diego State U), MPH (Calif-Berkeley), PhD (Calif-Berkeley) – Gender, race and class inequalities in health

E. Mills MSc (Oxford), PhD (McM) - Evidence-based health care; health & human rights; HIV adherence and delivery of care; refugee rights, conducting research in vulnerable populations

M. Morrow BA (Br Col), MA, PhD (Tor) - Critical health policy with foci on: mental health reform, service provision and access to health services; mental health and social inequity; mental health and citizen engagement; globalization, neoliberal reforms, gender and health

J.K. Scott AB (Occidental), MD (St Louis), PhD (Missouri), Canada Research Chair – Immunochemistry; immunology

10.

Calendar Changes to include the concentration in Global Health

J. Somers BA (S Fraser), MSc, PhD (Wash) - Mental health services and policy; addiction and substance abuse

T. Takaro BS (Yale), MD, MPH (N Carolina), MS (Wash) - Disease susceptibility factors in environmental and occupational health, particularly inflammatory lung conditions including asthma, chronic beryllium disease and asbestosis; linking laboratory biomarker work with public-health practice, including community-based interventions

R. Tucker BA (McG), MHS (Tor), PhD (Harv) - Gender, ethnic and socio-economic disparities in adolescent mental health and relationships between mental health and other health issues

C. Waddell BSc, MSc (Br Col), MD (McM) - Children's health and mental health; health policy; population health

L. Zeng BSc (Nankai, Chine), MSc, PhD (Wat) - Statistical methods for longitudinal data analysis: estimating functions; transition models; missing data

//.

FROM:

Graduate Degree Offered

Master of Science

New faculty members have been appointed with experience in multidisciplinary approaches to health using a wide range of methodologies. Their expertise provides links to current research and teaching programs by complementing existing faculty with health interests in other departments.

Faculty of Health Sciences research and teaching programs share the defining features of integrating social and natural sciences approaches to determinants of individual and population health, health promotion and risk mitigation, and health informatics and technologies. This integration combines a broad spectrum of research approaches, methods of inquiry, levels of analysis, and research perspectives.

Interdepartmental graduate degrees are available by special arrangements. See "1.3.5 Admission Under Special Arrangements" on page 236.

TO:

Graduate Degrees Offered

Master of Science (MSc) in Population and Public Health

Faculty of Health Sciences research and teaching programs share the defining features of integrating social, behavioural, and life sciences approaches to determinants of individual and population health, disease surveillance, health promotion, and risk mitigation. This integration combines a broad spectrum of research approaches, methods of inquiry, levels of analysis, and research perspectives.

The Faculty of Health Sciences (FHS) offers a Master of Science degree in Population and Public Health (MScPPH). The MScPPH degree offers practice-based and thesis-based programs that integrate core public health knowledge with the attainment of professional skills as a public health practitioner. Students have the option of doing a multidisciplinary, generalist degree in Population and Public Health, or a specialized degree in Global Health (MScPPH-Global Health). Both degree options meet guidelines for public health education and practice published by the Public Health Agency of Canada, the Canadian Public Health Association, and the U.S.-based Council on Education for Public Health.

12.

FROM:

MSc in Population and Public Health

Those completing the program will have well-developed skills in health promotion, disease prevention, determinants of health, and understanding of the complex interplay among types and levels of societal investment in health, along with the resulting trade-offs and implications for development of public policy. The program emphasizes strong research, methodological, communication, and computational skills.

Applicants with significant relevant work experience, and seeking professional or practitioner positions of leadership in health, will normally be advised to take the practicum stream. Graduates from this stream will have theoretical and practical concepts of population health, determinants of health, epidemiology, health promotion, health economics, global health, individual and population health-relevant behavior, and principles of public health. Skills will be learned in the context in which they are applicable, through emphasis on workplace-integrated study, problem-based learning, team-approaches to case studies, and seminars. The practica provide workplace experience in population and public health.

Applicants seeking a research career, or those seeking a PhD degree will be advised to take the thesis stream. Graduates from this stream will have demonstrated competence at research, having completed a thesis and having gained relevant research skills in their course work.

Admission

Applicants who are recent graduates should have completed a baccalaureate degree in a discipline related to health, policy analysis, epidemiology, or systems of information technology. A cumulative grade point average of at least 3.3 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 should have successfully completed a university-level undergraduate course in statistics or equivalent.

A student whose first language is not English and whose undergraduate degree was from an institution where English is not the language of instruction is required to submit evidence of English language competence as described in section 1.3.12 of the Graduate General Regulations.

Degree Requirements

There are two streams within the MSc in Population and Public Health: a practicum stream and a thesis stream. Both streams meet international accreditation standards for masters degrees in public health. A minimum of 43 credit hours is thus required of

students regardless of whether they complete the practicum or thesis stream. Thesis students receive six credit hours for the thesis. Practicum students receive three credit hours for their practicum experience and report. They complete one more elective course than students who complete the thesis stream. Normally it will not be possible to switch between streams after the first week of the second semester in the program.

Practicum Stream

Students must

- complete a practicum, consisting of one semester full time as an intern in a workplace appropriate to the degree. The practicum's purpose is to develop skills related to health sciences, population health, or workplace health policy, and its assessment, enhancement, and innovation. A supervisory committee must be approved by the graduate program committee prior to the start of each practicum. The supervisory committee will assist the student in developing a practicum plan which must be approved before the start of the practicum semester. The Faculty's practicum co-ordinator will help organize practica placements. The senior supervisors will include a Faculty of Health Sciences faculty member or associate, and one other committee member. The practicum work term is normally completed in the summer semester.
- a report on the practicum must be prepared and defended as described for projects under the Graduate General Regulations 1.9 and 1.10.
- complete a minimum of 43 credit hours that are selected in consultation with the supervisory committee, including the core courses HSCI 801, 802, 803, PPH 821, 822, 823, GLOH 660, 670, the practicum and practicum report HSCI 896, 897 (three credit hours), and elective courses (12 credit hours). With graduate program committee approval, electives may be chosen from graduate courses in other academic units across the university.
- the zero credit seminar, HSCI 691 (graded satisfactory/unsatisfactory) must be taken in each semester of study in the program other than the practicum (summer) semester.

Thesis Stream

Students must:

- complete and successfully defend a thesis (six credit hours)
- complete a minimum of 37 more credit hours including the core courses (28 credit hours) HSCI 801, 802, 803, PPH 821, 822, 823, GLOH 660, 670, and elective courses (nine credit hours). With approval from the graduate program committee, electives may be chosen from graduate courses in other academic units across the university.
- complete a zero credit seminar, HSCI 691 (graded satisfactory/unsatisfactory), in each semester of the program other than summer semesters.

Core and Required Courses

/4.

(28 credit hours)

GLOH 660-3 Environmental and Occupational Health

GLOH 670-3 Disease Prevention and Control

HSCI 691-0 Seminar in Health Science

HSCI 801-4 Biostatistics I

HSCI 802-4 Principles of Epidemiology for Public Health

HSCI 803-5 Research Methodology for the Health Sciences

PPH 821-3 Concepts and Principles of Population and Public Health

PPH 822-3 Social and Behavioral Contexts of Health and Disease

PPH 823-3 Analysis of Health Care Delivery Systems

Suggestions for possible electives may be obtained from the Faculty of Health Sciences.

TO:

Applying to the Program

Applicants who are recent graduates should have completed a baccalaureate degree in a discipline relevant to population and public health. This would include the social and behavioural sciences, life sciences, and/or the quantitative sciences. A cumulative grade point average of at least 3.3 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 should have successfully completed a university-level undergraduate course in statistics or its equivalent.

Global Health applicants must be able to demonstrate experience, interest in, and commitment to addressing health disparities in a low-to-middle income country/regional setting. This is best demonstrated by indicating, in their prospectus, their relevant international experiences, a particular problem or set of problems they would like to study, and their plans for studying the problem in the context of a career in global health. Students will ideally have had experience working, studying, or volunteering in international public health contexts.

Factors influencing admission to the MScPPH program include the availability of a faculty supervisor with expertise in the desired area of study, enrolment space, and the student's specific preparation. Meeting program application requirements does not guarantee admission to the program.

15.

Calendar Changes to include the concentration in Global Health

The Faculty of Health Sciences admits students annually in the Fall semester. All applicants must meet the application deadline. Only complete applications are considered. To apply on line and pay the application fee: http://www.sfu.ca/dean-gradstudies/apply.htm. For information on how to apply, refer to our web site http://www.fhs.sfu.ca/gradAppInfo.php.

Core Degree Requirements
The Master of Science in Population and Public Health (MScPPH) program can be completed in four semesters. All students complete a minimum of 43 credit hours of course work, plus either a practicum project (PPH 897-3) or thesis research project (HSCI-898-6).

For those students choosing to take longer to complete their program, they should plan to take a minimum of two courses per semester. These students must take HSCI 691-0 "Seminars in Population and Public Health" twice, once in any spring semester, and in the fall semester before going on practicum. The practicum stream core course requirements (below) must be completed before going on practicum. These students need to be cognizant of Graduate General Regulations governing time to complete a master's degree (refer to the SFU calendar "1.12.2 Master's Degree).

Practicum stream core course requirements (22 credits):
- HSCI 801-4 Biostatistics
- HSCI 802-4 Principles of Epidemiology for Public Health
- HSCI 803-5 Research Methodology for the Health Sciences
- PPH 860-3 Environmental and Occupational Health
- PPH 870-3 Disease Prevention and Control
- PPH 880-0 Practicum
- PPH 897-3 Practicum Project

Normally, students take HSCI 691-0 Seminars in Population and Public Health in the Fall and Spring semester of their first year.

Registering for the Practicum Project (PPH 897-3)
In the semester following the practicum, MScPPH students will register in PPH-897-3 (Practicum Project). Normally, students will work with their supervisors and worksite preceptors to develop their final project. They will continue to register in their Practicum Project until the project is defended as described under the Graduate General Regulations 1.9 and 1.10. http://students.sfu.ca/calendar/.

Thesis stream core course requirements (25 credits)
- HSCI 801-4 Biostatistics I
- HSCI 802-4 Principles of Epidemiology for Public Health
- HSCI 803-5 Research Methodology for the Health Sciences
- PPH 860-3 Environmental and Occupational Health
- PPH 870-3 Disease Prevention and Control
- HSCI 898-6 MSc Thesis

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Normally, students take HSCI 691-0 Seminars in Population and Public Health in the Fall and Spring semester of their first year.

Registering for the Thesis
Upon embarking on their thesis research, thesis stream students should register in HSCI 898-6 MSc Thesis, and continue to register in HSCI 898 until the thesis is completed and successfully defended, as described under the Graduate General Regulations 1.9 and 1.10. http://students.sfu.ca/calendar/.

PPH 880-0 Practicum:

Unless the thesis option is selected, MScPPH students will complete a practicum. The practicum may be undertaken during any term, but cannot be started until students complete the core courses listed above.

GENERALIST CONCENTRATION IN POPULATION AND PUBLIC HEALTH

The generalist concentration in population and public health focuses on health policy and planning for health care delivery, health promotion and disease prevention, environmental and occupational health, and methods for assessing population health. It offers students a choice of elective coursework, permitting some flexibility with regard to areas of focus and/or concentration. The program is designed to prepare established professionals and recent university graduates for positions of leadership in population and public health. Courses cover health sciences from the level of systems, communities and populations, encompassing and transcending individual and clinical perspectives.

In addition to the core courses identified above, students electing to complete the generalist program in population and public health must take the following courses:

Practicum stream course work and requirements (21 credit hours)

- PPH 821-3 Concepts and Principles of Population and Public Health
- PPH 822-3 Social and Behavioral Contexts of Health and Disease
- PPH 823-3 Analysis of Health Care Delivery Systems or GLOH 610 Health Systems
- 4 courses (minimum 12 credit hours) of electives to be chosen from HSCI, PPH, or GLOH graduate courses, or from appropriate graduate courses offered at the University. Electives must be chosen in consultation with the student's graduate supervisor.

Thesis stream course work and requirements (18 credit hours)

- PPH 821-3 Concepts and Principles of Population and Public Health
- PPH 822-3 Social and Behavioural Contexts of Health and Disease
- PPH 823-3 Analysis of Health Care Delivery Systems or GLOH 610 Health systems

17.

- 3 courses (minimum 9 credit hours) of electives to be chosen from HSCI, PPH, or GLOH graduate courses, or from appropriate graduate courses offered at the University. Electives must be chosen in consultation with the student's graduate supervisor.

GLOBAL HEALTH CONCENTRATION IN POPULATION AND PUBLIC HEALTH

The Global Health concentration is designed to apply the skills and knowledge of population and public health in international contexts, including: strategies for promoting health and preventing disease in socially and culturally-diverse settings; analyzing ethical issues, including the social, political, economic, and cultural factors that produce health disparities worldwide; formulating public policy that is sensitive to societal investment in health, and related trade-offs; evaluating the organization and performance of health systems; identifying and controlling environmental threats to health; assessing the impact of globalization processes (the global movement of capital, goods, ideas, and people) on health; and working with global health organizations

Global health course work and requirements
In addition to the core courses (see Core Degree Requirements above), students electing to complete the concentration in global health must take the following courses:

Practicum stream course work and requirements (21 credit hours)
All of the following:
- GLOH 820-3: Concepts and Principles of Global Health
  GLOH 850-3: Globalization and Health.
- GLOH810-3: Health Systems or PPH 823-3 Analysis of Health Care Delivery Systems
- GLOH 840-3: Health, Human Security, Social Justice
- GLOH 890-3: Health, Gender and Development

Two (2) courses from the following list;
- GLOH 815-3: Health Policy Making in a Global Context
- GLOH 835-3: Program Planning and Evaluation in Global Health or HSCI 890-4: Special Topics: Health Program Evaluation *(when offered)*
- GLOH 880-3: Advocacy and Communication in Global Health
- One (1) elective course in a related discipline (may be outside of the Faculty of Health Sciences) with the approval of supervisor and the graduate program chair.

Thesis stream course work and requirements (18 credit hours)
All of the following:
- GLOH 820-3: Concepts and Principles of Global Health
  GLOH 850-3: Globalization and Health.

18.

- GLOH 810-3: Health Systems or PPH 823-3 Analysis of Health Care Delivery Systems
- GLOH 840-3: Health, Human Security, Social Justice
- GLOH 890-3: Health, Gender and Development

One course from the following list;

- GLOH 815-3: Health Policy Making in a Global Context
- GLOH 835-3: Program Planning and Evaluation in Global Health or HSCI 890-4: Special Topics: Health Program Evaluation *(when offered)*
- GLOH 880-3: Advocacy and Communication in Global Health and/or
  One (1) elective course in a related discipline (may be outside of the Faculty of Health Sciences) with the approval of supervisor and the graduate program chair.

FROM:

Graduate Diploma in Health Studies

This professional diploma provides the foundations for methodology that are in contemporary use in community, population and global health. It is aimed at graduates with a background in some aspect of health, or in a discipline with applications in health systems, health policy, or global health, or at those who would simply like to learn more about this field. The program is intended to update prerequisite skills for graduate studies in these areas. It will emphasize current methodology for evidence-based inference: epidemiology, numerical analysis, modeling and management of uncertainties and risks. The methodology will be presented in the context of their applications in real world situations.

Diploma graduates will have the skills, methodology, attitudes and confidence to enter graduate programs in global health and to be full participants in academic endeavors that require the research methodology of community, population, and global health. International students are especially welcomed into the program.

Application and Admission

Applicants will normally hold an undergraduate degree in health, natural or applied sciences, social, business, or management studies, with a minimum 2.5 cumulative grade point average. Applications from students with other qualifications or with equivalent professional training and experience will also be considered.

Applicants must submit the following documentation to the Faculty's graduate secretary.

- application for graduate admission, available from the Office of the Dean of Graduate Studies' website at www.sfu.ca/dean-gradstudies/forms.htm
- official copy of transcript of undergraduate and graduate grades (mailed directly from the granting institution)
- three confidential letters of reference (mailed directly from the referees)
- a one page statement of student interest

- and for applicants whose first language is not English, please see "1.3.12 English Language Competence" on page 236 for English language requirements.

Transferable Credit

Directly equivalent courses can be accepted for transfer credit, sometimes with the need to challenge the Simon Fraser University course by examination. The decision about whether a course meets articulation requirements will be made by the graduate program committee. There is an allowable transferable credit maximum that counts toward the diploma program from any other institution, including the Open Learning Agency.

Course Requirements

Students complete a minimum of 22 credit hours, with a minimum 2.5 grade point average. Students may take up to a maximum of five courses in one semester but this is considered a heavy course load. Most students would take the seminar course (GLOH 501) plus three or four courses, and then take the additional elective courses in subsequent semesters.

The diploma is normally taken full time and completed within two semesters. Credits applied to a graduate diploma may not be applied to another Simon Fraser University program.

Students must complete all of

GLOH 501-4 Selected Research Applications in Global Health

GLOH 510-4 Numerical, Analytical, and Computational Foundations for Global Health Studies

GLOH 520-4 Research Methods for Evidence-Based Inference in Global Health

GLOH 530-4 Foundations of Epidemiology in Global Context

Students must also complete a minimum of six credit hours of graduate electives that have been approved by the Faculty of Health Sciences graduate program committee. Most graduate courses in the Faculty of Health Sciences (such as global health GLOH, health sciences HSCI, or population and public health PPH) will be suitable. Graduate courses in other faculties may also be approved.

TO:
Graduate Diploma in Global Health

The Diploma in Global Health is a stand-alone credential, designed to serve the needs of those who would like complementary training in the basics of global health practice. The program provides graduate level training to individuals who are interested in learning more about global health methods and concepts. In addition to core coursework, students in the program will be directed to relevant elective coursework to help them apply learning experiences to their interests and activities in the field of global health. The diploma is a useful adjunct to clinical training (e.g., medicine or nursing), academic training in complementary fields (e.g. development, international relations, public policy) for those who wish to work internationally, or those who wish to learn more about current challenges in global health research and practice.

Calendar Changes to include the concentration in Global Health

Course work and requirements

Those pursuing the diploma in global health will complete a minimum of 22 hours of coursework, consisting of the following required core courses:

- HSCI 801-4 Biostatistics
- HSCI 802-4 Principles of Epidemiology for Public Health
- GLOH 820-3: Concepts and Principles of Global Health
  GLOH 850-3: Globalization and Health

Electives

In addition to the required courses, students take a minimum of three elective courses(total credit hours at completion must be equal to or greater than 22). Two of these courses should be taken from GLOH graduate courses. The third course can be chosen from GLOH, HSCI or PPH graduate courses, or from other graduate programs in the University. Students should choose electives in consultation with the Graduate Program Coordinator and/or the Graduate Program Chair.

Course Credit

Students in the MScPPH concentrations, or in the Diploma program, who have completed any or all of the following Global Health courses; GLOH 510, 520, 530, 610, 615, 620, 630, 635, 640, 650, 680, or 690, cannot take corresponding 800 level Global Health courses for further credit. Students who have completed GLOH 660 "Environmental and Occupational Health" or GLOH 670 "Disease Prevention and Control" cannot take PPH 860 or PPH 870 for further credit. Students who have completed PPH 897-3 titled "Seminar in Workplace Integrated Learning" or GLOH 698-14 "Practicum Project in Global Health" cannot take PPH 897-3 "Practicum Project" for further credit.

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