



Master of Science

In

Health Informatics

Distributed Stream

IMAGINE YOURSELF AS ...

A strategic thinker and problem solver

An expert and leader in health informatics

Part of a community to improve the health system

A Collaborative Initiative:
University of Victoria, University of Alberta,
University of Calgary, University of British Columbia,
COACH Canada's Health Informatics Association
Office of Learning Technologies HRSD,
ShirWin Knowledge & Learning Systems

INTRODUCTION

This distributed M.Sc. program is targeted at health and IT professionals with at least two years of relevant work experience who wish to become health informatics (HI) specialists.

PROGRAM DESCRIPTION

This program requires 17.5¹ units of course work, including a major project. It consists of graduate level online HI courses from the School, as well as online elective courses from partner institutions at UBC, UA and UC.²

The program is designed as an intensive 2-year program with 2 courses per term or 6 courses in the first year, followed by 5 courses in the second year and a major project. There is a 5-day on-campus orientation workshop at the beginning, and a 2-week on-campus workshop each year.

The enrolment is capped at 25 students to form a cohort over 2 years. The major project should be directly relevant and applicable to the student's workplace. Examples may be an EHR implementation project, or evaluation of a clinical information system.

¹ All courses listed are for 1.5 units except HINF580 for 1.0 unit and HINF598 for 3.0 units.

² Through a recent collaborative e-learning initiative by OLT, a set of graduate level online courses has been developed among UVic, UBC, UA and UC.

First Year

Jan-Apr	May-Jul	Sep-Dec
HINF503	HINF510	HINF580
Elective	HINF550	HINF590.1
Orientation Workshop-1		

Second Year

HINF598	HINF551	HINF598 cont'd
Elective	HINF560/590	Elective
Workshop-2		

Legends

Orientation: 5 days in year-1 at UVic
Workshops: 2 weeks in year-1 and -2 at UVic

----- Required -----

HINF503 Research Methods in HI
HINF580 HI Graduate Seminar
HINF598 Major Project

----- Core -----

HINF510 Health Information Management
HINF515 Patient Care Information Systems
HINF550 Health Information Systems Design
HINF551 Electronic Health Record
HINF570 Epidemiology
HINF590 Directed Study in HI
HINF591 Topics in HI
HINF591.1 Health Systems Data Analysis

----- Electives -----

HINF560 Health Care Quality Improvement
HINF591.2 Topics: Telemedicine in Action
HINF591.3 Topics: PDA Use for Clinicians
MDSC755.08 e-health Sustainability
MDSC755 Evaluation in e-health
PHS693 Critical Appraisal
PHS799 Clinical Decision Support Systems

ADMISSION CRITERIA

Candidates who meet these criteria will be considered for the program:

- A Baccalaureate degree from a Canadian university or an equivalent degree granting institution
- Health professionals such as physicians, nurses, physiotherapists, pharmacists
- IT professionals working in the health sector including developers, analysts, managers, directors and CIO's
- At least 2 years work experience
- Acceptable GRE scores or equivalent GMAT/MCAT scores
- TOFEL is required for foreign students whose first language is not English

PROGRAM FEE

The tuition fee for the program is \$24,000, which includes the accommodation cost for all 3 workshops. The fee does not cover the cost of learning resources and workshop travels or meals. Applicants are encouraged to seek sponsorship from their employer or related organizations to enrol in this program. No financial assistance will be available through the program. Foreign students are charged a fee of \$30,000.

TIMELINES

This program is scheduled to begin in January 2005. *The program will only be launched when*

all 25 seats are filled. The important dates are as follows:

- Tentative application deadline on June 30, 2004 pending final program approval date
- Tentative acceptance notifications to be made by September 30, 2004
- Program to be launched in 2nd week of January 2005 starting with a 5-day orientation workshop at UVic

FACULTY

- Dr. Francis Lau, Associate Professor and Director, UVic
- Dr. Malcolm Maclure, Professor and MSFHR Distinguished Scholar, Health Information Science, UVic
- Dr. Jochen Moehr, Professor, Health Information Science, UVic
- Professor Denis Protti, Health Information Science, UVic
- Dr. Nicola Shaw, Assistant Professor, Dept of Pediatrics, UBC
- Dr. Tom Rosenal, Professor, Community Health Sciences, UC
- Dr. Chris Eagle, Professor, Community Health Sciences, UC (also CIO of Calgary Health Region)
- Dr. Marilynne Hebert, Assistant Professor, Community Health Sciences, UC
- Dr. Richard Scott, Associate Professor, Community Health Sciences, UC
- Dr. Robert Hayward, Associate Professor, Faculty of Medicine, UA

- Dr. Ellen Balka, Associate Professor, School of Communications, SFU
- Dr. Andre Kushniruk, Associate Professor, Dept of Mathematics, York University

For further information please contact:

Dr. Francis Lau
Associate Professor and Director
School of Health Information Science
The University of Victoria
P.O. Box 3050 STN CSC
Victoria, BC V8W 3P5
Phone: 250-721-8576
Fax: 250-472-4751
Email: fylau@uvic.ca

Check out our School Website:

<http://hinf.uvic.ca>



**University
of Victoria**