School of Health Information Science

MSc, PhD, and Certificate Virtual Open House



Questions about…

- Eligibility?
- Application process?
- Details about the program?
- How are classes delivered?
- Tuition and/or financial support?
- After graduation?

Contact us:

- **Graduate Advisor** – hinfgradadvisor@uvic.ca
- **Graduate Program Assistant** - hisgrad@uvic.ca
- HINF Website – Graduate Page: https://www.uvic.ca/health/hinf/graduate/index.php

Graduate Certificate in Health Terminology and Interoperability Standards

Sep-Dec **Winter Session** (Fall Term)	**Jan-Apr** **Winter Session** (Spring Term)	**Apr-May** **Summer Session** (Summer Term)	**May-Aug** **Summer Session** (Summer Term)
HINF 535 Health Information Standards	HINF 536 Controlled Terminology Standards	HINF 537 Health Information Exchange	HINF 597 Field Project in Health Informatics
Weekly online class	Weekly online class	2.5-day online workshop Weekly online class	Weely online class One-on-one meetings

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MSc – Health Informatics Distributed Stream

Foundation – All	Data Analysis – Choose 1	Information Structure – Choose 1	Research Project/Thesis – Choose 1	May workshop
• HINF 503 – Research Methods in Health Informatics and Digital Health • HINF 572 – Health Informatics Overview	• HINF 552 - Evaluation of Digital Health Systems • HINF 570 - Epidemiology and Public Health Informatics • HINF 571 - Health Systems Data Analytics • HINF 574 - Modelling and Simulation in Health Care • HINF 576 - Health Data Science and Advanced Artificial Intelligence • HINF 577 - Qualitative Methods in Health Informatics and Digital Health	• HINF 501 – Health Database Design • HINF 511 - Intelligent Decision Support Systems and AI in Health • HINF 535 - Health Information Standards • HINF 550 - Health Information Systems Design	• Research Project (HINF 598) + 7.5 units of electives • Thesis (HINF 599) + 4.5 units of electives	

MSc – Health Informatics
On-campus Stream

Foundation – All	Information Structure – Choose 1	Research Project/Thesis – Choose 1
• HINF 503 – Research Methods in Health Informatics and Digital Health • HINF 572 – Health Informatics Overview • HINF 573 - Applied Statistics for Health Informatics • HINF 580 - Health Informatics Graduate Seminar	• HINF 501 - Health Database Design • HINF 511 - Intelligent Decision Support Systems and AI in Health • HINF 535 - Health Information Standards • HINF 550 - Health Information Systems Design	• Research Project (HINF 598) + 6 units of electives • Thesis (HINF 599) + 3 units of electives

PhD – Health Informatics

Foundation – All	HINF Elective – Choose 1	Candidacy Exam	Dissertation
• HINF 602 – Theories in Health Informatics • HINF 603 – Methods in Health Informatics • HINF 680 – Health Informatics PhD Seminar		• HINF 693 – Candidacy Exam	• HINF 699 – Health Informatics Thesis

Shape Your Degree Around Your Interests

Students can choose from electives in:

Data & AI	**Clinical Systems**
Health Data Science	Electronic Health Records
AI in Healthcare	Health Information Exchange
Decision Support	Telehealth

Health Systems	**Leadership**
Public Health Informatics	Project Management
Patient Safety & Quality	Procurement
Epidemiology	Human Factors

Explore HINF Courses

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Possible HINF Electives

- HINF501 – Health Database Design (1.5)
- HINF511 - Intelligent Decision Support Systems and AI in Health (1.5)
- HINF516 - Telehealth, m-Health and Pervasive Health Technology (1.5)
- HINF520 - Public Health Informatics (1.5)
- HINF530 - Evidence-Based Health Informatics (1.5)
- HINF531 - Health Care Information Security and Privacy (1.5)
- HINF535 - Health Information Standards (1.5)
- HINF536 - Controlled Terminology Standards (1.5)
- HINF537 - Health Information Exchange Standards (1.5)
- HINF550 - Health Information Systems Design (1.5)
- HINF551 - Electronic Health Record (1.5)
- HINF552 - Evaluation of Digital Health Systems (1.5)
- HINF560 - Patient Safety and Quality in Health Informatics (1.5)
- HINF561 - Project Management in Health Informatics (1.5)
- HINF562 - Procurement in Health Informatics (1.5)
- HINF570 - Epidemiology and Public Health Informatics (1.5)
- HINF571 - Health Systems Data Analytics (1.5)
- HINF573 - Applied Statistics for Health Informatics (1.5)
- HINF574 - Modelling and Simulation in Health Care (1.5)
- HINF575 - Human Factors in Health Care (1.5)
- HINF576 - Health Data Science and Advanced Artificial Intelligence (1.5)
- HINF580 - Health Informatics Graduate Seminar (1.5)
- HINF590 - Directed Studies in Health Informatics and Digital Health (1.5)
- HINF591 - Topics in Health Informatics and Digital Health (1.5)
- HINF595 - Informatics Research Practicum (1.5 - 3)

MSc Research Areas

- **Clinical Informatics**
- **Artificial Intelligence in Healthcare**
- **Health Data & Analytics**
- **Digital Health & Evidence Synthesis**

Recent projects have explored virtual care, AI, patient monitoring, cancer treatment analytics, and emerging digital health technologies.

Research topics are tailored to student interests and faculty expertise.

MSc Research Project Examples

- **“Canadian Paramedic Perceptions and Requirements for Adoption of Speech Recognition Technology: A Mixed Methods Study”** (Thesis).
- **“Providing Virtual Medication Therapy in Healthcare: A Scoping Review on the Perspectives and Outcomes of Virtual Care in Pharmacy Services”** (Research Project).
- **“Exploratory Analysis of Hourly vs Continuous Vital Sign Data in a Neonatal Intensive Care Unit”** (Research Project).
- **“A Scoping Review of Clinically Relevant Artificial Intelligence in Anesthesiology”** (Research Project).
- **“Automated Data Processing for Enhanced Radiation Therapy: A Study on Prostate Cancer Treatment Using RapidPlan”** (Research Project).

PhD Research Areas

- **Patient Safety & Quality Improvement**
- **Health Systems Analytics**
- **Digital Health & Health Systems Innovation**

Recent projects have examined healthcare-associated infection prevention, health service utilization, and care optimization for patients with complex needs.

Research topics are developed in collaboration with supervisors and aligned with student interests.

PhD Research Project Examples

- **“Improving Situation Awareness to Reduce Healthcare-Acquired Urinary Tract Infection”**

- **“Extracting, Analyzing and Using Patterns of Service Utilization from a Cross Continuum Health Service System to Optimize Care for Patients with Complex Issues – A Methodological Approach”**

Important information from the Uvic International Centre for Students (ICS) on Post-graduation work permit (PGWP)

MSc in Health Informatics:

Students who complete programs that are more than 50% distance learning are not normally eligible for a post-graduation work permit (PGWP). Given the balance of online and in-person components for both the on-campus and distributed streams of the MSc in Health Informatics, it is our understanding that **international students completing this program will not be eligible for a PGWP.**

PhD in Health Informatics:

Students who complete programs that are more than 50% distance learning are not normally eligible for a post-graduation work permit (PGWP). Again, given that the PhD in Health Informatics is classified as an online program, it is our understanding that **international students completing this program will not be eligible for a PGWP.**

*For more information on the impacts of distance learning on PGWP eligibility, see About the PGWP on the **Immigration Refugees and Citizenship Canada** website.*

Graduate Programs Application Deadlines

Program	Entry Point	Application Deadline
MSc in Health Informatics	September 2027	December 15, 2026
PhD in Health Informatics	September 2027	December 15, 2026
Certificate in Health Terminology and Interoperability Standards	September 2027	June 15, 2027
Certificate in Health Terminology and Interoperability Standards	January 2028	October 15, 2027

For more information on how to apply visit:
uvic.ca/graduate/admissions/how-to-apply

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Frequently Asked Questions

What career opportunities are available after completing an MSc or PhD in Health Informatics?

Digital Health Leadership	Data & Analytics
Health Information Management	Health Data Quality & Standards
Clinical Systems & EHRs	Research & Innovation
Health Policy & Planning	Consulting & Project Management

Opportunities across healthcare, government, industry, and research organizations.

Frequently Asked Questions

What makes a competitive application?

Academic Excellence

- First-class standing
- Strong GPA

Statement of Intent

- Well-written letter of intent
- Clear motivation for graduate study

Curriculum Vitae

- Relevant work, volunteer, or professional experience
- Education and publications

Research Interests

- Potential research topics and faculty alignment

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MSc Pathway to the PhD in Health Informatics

If you have a Master's degree in a field other than health informatics, and you are interested in pursuing PhD studies in health informatics, you first need to apply to our MSc program and indicate in your letter of intent that you are interested in applying to the PhD program in the future.

Students in the MSc in Health Informatics program, already holding a Master's degree, but not in the field of health informatics, may apply to the PhD program following satisfactory completion of at least 6 units of the MSc program in Health Informatics. The six units from the MSc program must include at least the following courses:

- HINF 501 (1.5 units) Database Design
- HINF 503 (1.5 units) Research Methods in Health Informatics and Digital Health
- HINF 550 (1.5 units) Health Information Systems Design
- HINF 572 (1.5 units) Health Informatics Overview

Depending on your background, additional coursework may be recommended. Students interested in applying to the PhD program should follow the MSc program of study and work closely with their supervisor on course selection. Typically, the PhD program starts in September. The application deadline for September 2027 is December 15, 2026.

Admission to the MSc in Health Informatics is not a guarantee of future admission to the PhD program.

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Helpful Resources & Links

Applying to UVic

- **How to Apply** UVic Graduate Admissions
- **Admission Requirements** Graduate Admission Requirements
- **English Language Proficiency** Language Proficiency Requirements

Tuition, Funding & Awards

- **Graduate Tuition and Awards** Graduate Tuition & Fees

International Student Resources

- **UVic International Centre for Students** International Student Support
- **Post-Graduation Work Permit (PGWP)** Government of Canada PGWP Information