

## A CCHIM-Accredited\* Graduate Certificate in Health Terminology Standards

### Program Overview

The Health Terminology Standards Graduate Certificate program is aimed at those working in eHealth with an interest in or a job related to health terminologies, interoperable electronic health record and coding and classification. The program has 4 graduate level courses including a virtual workshop and a field project to be done in 12 months. The courses are:

| Sep-Dec, Winter Session | Jan-Apr, Winter Session | Apr-May, Summer Session        | May-Aug, Summer Session |
|-------------------------|-------------------------|--------------------------------|-------------------------|
| HINF 535, online        | HINF 536, online        | HINF 537, online with workshop | HINF 597, online        |

*HINF 535 Health Information Standards (1.5 units)* - This course is a study of health information standards deployed and used in Canada and elsewhere. The standards to be examined are controlled terminology and data exchange standards that include SNOMED CT, ICD-10-CA/CCI, LOINC/pCLOCD, nursing terminologies, HL7/CDA/FHIR and IHE. The topics to be addressed include the nature of health information standards, their historical evolution and the lifecycles for standards from initial development, distribution to maintenance.

*HINF 536 Controlled Terminology Standards (1.5 units)* - This course is a study in the adoption and management of controlled terminologies in health care organizations. Terminology adoption covers the planning, design, implementation, use, support and evaluation of terminologies in health IT applications. Terminology management covers the development, publishing, distribution and maintenance of terminology content, services and tools as organizational assets. Examples of terminologies to be covered include SNOMED CT, ICD-10-CA/CCI and LOINC. Prerequisite: HINF535.

*HINF 537 Health Information Exchange Standards (1.5 units)* - This course is a study in the use of controlled terminologies for health information exchange (HIE) in health care organizations. It covers the planning, development, implementation, use, maintenance and evaluation of HIE standards, resources and tools. Examples of HIE standards covered include HL7, CDA, FHIR, IHE integration profiles and clinical information models. Prerequisite: HINF535.

*HINF 597 Field Project in Health Informatics (1.5 units)* - The student is required to carry out a field project within one's area of specialization under the supervision of a faculty member. Instructor permission required.

### Delivery Methods

The courses will be offered through online classes, a virtual workshop and a field project. The online classes will be held as weekly real-time web-conference sessions. The workshop will be held over 2.5 days as intensive web-conference learning sessions. The field project will be done over a 4-month period with weekly real-time web-conference presentation sessions supplemented by one-on-one online discussion sessions as needed.

### Admission Requirements

Applicants need to have a baccalaureate degree in a health, information technology or information management related field from an accredited institution. Their backgrounds can include health professionals such as physicians, nurses, pharmacists, therapists and laboratory technologists, as well as information technology and Health Information Management professionals in the health sector. The graduate certificate program may be taken by students who are concurrently admitted to our MSc degree program in Health Informatics or by those admitted only for the certificate option. To be admitted applicants must satisfy all regular admissions requirements of the UVic Faculty of Graduate Studies. Those without a baccalaureate degree but have 15 or more years of relevant professional experience who wish to pursue the certificate option are encouraged to apply for admission considerations by the School. **The application deadline is June 1<sup>st</sup> for September 1<sup>st</sup> entry in the same year.** For more information contact Dr. Francis Lau at [fylau@uvic.ca](mailto:fylau@uvic.ca) or see <https://www.uvic.ca/hsd/hinf/graduate/certificate/index.php>.

**\*Graduates are eligible for Canadian College of Health Information Management (CCHIM) credential as a Certified Terminology Standards Specialist (CTSS) - <https://www.echima.ca/college/certification/ctss/>**