A CHIMA-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 is made up of 4 graduate level courses including an on-campus workshop to be done in 12 months, as shown below.

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**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, nursing terminologies, HL7V2.x, HL7V3/CDA and HIE. 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, LOINC, NDC/DPD/ATC/RxNorm and nursing terminologies. 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, DICOM, templates, IHE integration profiles, clinical information models and openEHR. 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, an on-campus workshop and a field project. The online classes will be held as weekly real-time web-conference sessions. The on-campus workshop will be held over 2.5 days in Toronto (to be confirmed) as face-to-face hands-on 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 are required to have a baccalaureate degree in a health or information technology related field from an accredited university. Their backgrounds can include health professionals such as physicians, nurses, therapists and laboratory technologists, as well as information technology and 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. To be admitted, applicants must satisfy all regular admissions requirements of the UVic Faculty of Graduate Studies. Those without a baccalaureate degree or equivalent but who can demonstrate significant relevant professional expertise or experience who wish to pursue only the certificate option may be admitted if they are recommended by the School. The **new application deadline is May 1st** for **September 1st entry** the same year. For more information contact Dr. Francis Lau at fylau@uvic.ca or see [https://www.uvic.ca/hsd/hinf/graduate/certificate/index.php](https://www.uvic.ca/hsd/hinf/graduate/certificate/index.php).

*Graduates of this Program are eligible for CHIMA Terminology Certification – see link below [https://www.echima.ca/cchim/terminology-standards-certification](https://www.echima.ca/cchim/terminology-standards-certification)*