:: Entrance Requirements ::
Bachelor's degree in either a health-related discipline, information technology, engineering or applied sciences from a recognised university or its equivalent and, preferably, relevant post-qualification experience in health-related services or industries.

:: Mode of Study ::
Mixed-mode
Part-time: 3 years
Full-time: 1 year
Maximum: 6 years

:: Tuition Fee ::
HK$3,300 per credit (Local students)
HK$4,400 per credit (Non-local students)

:: Programme Host ::
Faculty of Health and Social Sciences

:: Contributing Departments ::
Department of Applied Social Sciences
Department of Computing
Department of Health Technology and Informatics
Department of Industrial and Systems Engineering
Department of Logistics and Maritime Studies
Department of Rehabilitation Sciences
Interdisciplinary Division of Biomedical Engineering
School of Nursing

:: Enquiries ::
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Web: fhss polyu edu.hk

Application & Further Information
http://www.polyu.edu.hk/study
:: Programme Structure ::
A range of subjects specific to knowledge management, supported by a choice of subjects and elective of common concern to all health care professionals will be offered. In general, each student is required to attend one to three evenings a week over a 13-week semester depending on the study load engaged.

Students need to complete 4 compulsory subjects, 2 core subjects, 1 elective subject, and a dissertation. They are encouraged to select dissertation topics that are relevant to their professional and personal interest.

:: Programme Aim ::
The overall aim of the programme is to offer an opportunity for health care professionals and related disciplines to develop the knowledge, understanding and competencies necessary in order to function effectively, in addition to mastering the advanced use of Information Technology skills in health care settings.

:: Characteristics ::
The programme is the first of its kind in Hong Kong and aims to equip health care professionals together with students from health related disciplines, information technology, engineering or related backgrounds for the advanced use of information technology skills in health care settings. The course contents will address the needs of the health care providers and allow for introduction, re-orientation and/or conversion to a field that is of direct relevance to the students’ place of employment.

4 Compulsory subjects (3 credits each)
:: Electronic Patient Records
:: Epistemology
:: Information Technology in Healthcare
:: Professional Development in Health Informatics^*

2 Core subjects (3 credits each)
:: Applied Biosignal Processing
:: Business Intelligence & Data Mining
:: Computer Programming for Healthcare
:: Data Mining & Data Warehousing Applications
:: Digital Imaging & PACS
:: Epidemiology
:: Epidemiological Model Building for Healthcare & Risk Management
:: Intelligent Information Systems
:: Knowledge Management for Clinical Applications
:: Project Management

1 Elective subject (3 credits)
:: Bioinformatics in Health Sciences
:: Concepts of Health & Health Care
:: Data Systems & Management
:: Information Security: Technologies & Systems
:: Information System Development with OO Methods
:: Internet Computing & Applications
:: Methods & Tools for Knowledge Management Systems
:: Research Methods & Data Analysis
:: Virtual Reality in Healthcare


Dissertation* (9 credits)
*Students can choose any 3 core/elective subjects of the programme to replace the Dissertation.

^Subject to change