

Washington Health Information Industry-Education Council (WHIIEC)

Health IT Educational Resource Inventory v.1201

Welcome to the Washington Health IT Educational Resource Inventory compiled and presented by the Washington Health Information Industry-Education Council (WHIIEC). This document provides useful information to Washington residents who are considering a career in health information technology and informatics, either at the beginning of their careers or contemplating a mid-career change. It describes several educational and training options available to Washington residents and provides information to help prospective students make career decisions.

What is the resource Inventory? The inventory is a free listing of post-secondary education programs offered in Washington or online that prepares students for a career in health information technology or enhances the health information skill sets of those in other health-related occupations. The listing is designed to provide pertinent information about each program—duration, cost, prerequisites, and typical career outcomes. Most importantly, it provides web contact information for each program to allow users to access more complete information. Institutions offering these programs provided this information on their websites or in direct contacts.

The inventory is not exhaustive, but includes those programs for which information was obtainable. Several of the programs are offered by out-of-state institutions that also offer online or in-state instruction. Out-of-state programs that require on-campus instruction or charge out-of-state tuition and fees for Washington residents are not included.

What is WHIIEC? The Washington Health Information Industry-Education Council is a voluntary forum that brings together Washington educational institutions (universities, community colleges, vocational/technical schools) with industry and professional associations representing employers in the field of health information technology/health informatics (hospitals, health systems, medical practices, community/tribal clinics, insurers, public health agencies). It is convened and facilitated by the Health Care Policy division of the Washington State Health Care Authority, the agency that coordinates state health information policy. Its purpose is to align the objectives and actions of health information educators and employers to ensure employers' staffing needs are anticipated and met and students are provided the right skills for the job opportunities available.

What is the source of the information? Information was gathered from the websites of the educational institutions offering degree or certification program and from direct contact with representatives of those programs.

What institutions and programs are listed? An effort was made to capture information on all professional and technical post-secondary health information education programs available to Washington state residents on in-state campuses, in adjacent metropolitan areas (Portland, Vancouver, Victoria), and online. Programs and institutions were excluded if they required out-of-state on-campus

instruction, charged higher fees and tuition for Washington residents, or have scheduled their program for termination.

How do I use the inventory? The inventory is divided into worksheets by the type of certificate or degree offered. Within each worksheet, the entries are sorted by institution, program, program outcomes or typical positions hired, approximate cost, program duration, prerequisites, and website and contact information. The MS Excel document is in PDF format, so it's not sortable, but is readable even by users who don't have Excel software installed. It's designed so that you can identify programs that best meet your needs and priorities, then contact those institutions for more details or to apply for admission to a program. Important details such as how fees are calculated or the specifics of internship and cooperative employment should be obtained from the institution/program.

How are terms like "informatics" and "health information technology" defined? These terms do not have universally accepted definitions. To learn how a particular institution or program uses a given term, review its website and then contact the program.

What if I discover incorrect/inaccurate information in the inventory? User feedback is one of the best tools to improve the accuracy and currency of the inventory. If you learn that content is incorrect, inaccurate, or obsolete, please use the comment section of the user feedback survey form.

We'd also appreciate feedback on your impressions of the inventory and suggestions for making it more useful. Please take the short Resource Inventory User Feedback Survey **titled: Education Resource Inventory User** at: <https://www.surveymonkey.com/s/7DRD/SY3>

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	Outcomes	Duration	Cost	Prerequisites	Instruction Delivery	City, State	Web Link	Contact
Bellevue College	Health Informatics	18-Credit Certificate	This program prepares IT professionals to apply an already well developed skill set to the healthcare setting. Career goals vary with previous work experience	24 weeks	\$1,520.94	None	On-line	Bellevue, WA	http://bellevuecollege.edu/programs/degrees/proftech/medit/	Patricia Dombrowski 425.564.3164
University of Colorado Denver College of Nursing	Health Care informatics Certificate	Certificate	for health care professionals, particularly those professionals without a BS in nursing, to acquire knowledge and skills in the rapidly progressing field of informatics	16 credits (1 year)	\$478.00 per credit +\$180 fees/term	BSN, RN, AND or equivalent, health care experience	online	Denver, CO	http://www.ucdenver.edu/academics/colleges/nursing/programs-admissions/masters-programs/ms-program/specialties/healthcareinformatics/academics/Health%20Care%20Informatics%20Certificate/Pages/HealthCareInformaticsCertificate.aspx	Nicole Jackson 303.724-1561
UBC	certificate in Health Informatics	Certificate	Targets international students and professionals to provide training in processes and procedures that enable the use of IT systems within the healthcare industry. This includes population data, hospital and clinical information, test and diagnostic reports, disease and treatment information, pharmaceutical data, bioinformatics and insurance and legal data.	52 weeks	\$26,500.00	2 year diploma or degree in healthcare	on campus only	Vancouver, BC, CANADA	http://www.internationaleducationmedia.com/canada/ubc_health.htm	Allan English 1-604-822-1471 allan.english@ubc.ca

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	Outcomes	Duration	Cost	Prerequisites	Instruction Delivery	City, State	Web Link	Contact
Clark College	Health Informatics – Information Technology (HIIT)	Associate of Arts (transfer to OIT) in 2012	The OIT program is intended to provide graduates with a well prepared business and scientific knowledge base and the computer science or information technology skills to integrate computer technology in the health care field. Graduates are employed as consultants, managers, systems designers, database administrators, systems analysts and researchers.	90 weeks	\$7,485.90	High school diploma or equivalent	140 credits on campus, the Student then can complete 4 online classes through OIT to obtain a BS in IT Health Informatics	Vancouver, WA	http://www.clark.edu/academics/programs/health-informatics/index.php	John MADUTA, 360-992-2327
Devry University	Computer Information Systems with emphasis in Health Information Systems	Bachelor of Science	Developing computer software systems that help doctors and other health professionals diagnose diseases and set treatment plans, managing and analyzing data, developing, modifying or purchasing software applications for hospitals, care centers and insurers	128 weeks	\$68,906.00	Grade 12	On-campus; On-line; Hybrid	Downers Grove, IL, various locations in Washington, including Bellevue and Lynnwood	http://www.devry.edu/degree-programs/college-engineering-information-sciences/health-information-systems-about.jsp	Michelle Vanderbilt -- Bellevue - 866-338-7941

Washington Health IT Educational Resource Inventory

Portland Community College	Associate of Applied science degree in Health informatics	Associate of Applied Sciences	IT Help Desk, Health Information Technician, and Database Assistant.	84 weeks - 24 months	\$7900 (\$79 per credit)	Students must be ready to enter WR 121 and MTH 95 and be computer literate (completion of CIS 120 and CIS 121 or equivalent knowledge)	online	Portland Or	http://www.pcc.edu/programs/computer-info/health-informatics.html	Michele Maxwell michele.maxwell@pcc.edu
----------------------------	---	-------------------------------	--	----------------------	--------------------------	--	--------	-------------	---	--

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	Outcomes	Duration	Cost	Prerequisites	Instruction Delivery	City, State	Web Link	Contact
Bellevue College	Health Information Technology	Bachelor of Applied Science in 2012	Systems analysts; implementation managers; IT managers	90 weeks	\$14,169.60	Credits for general requirements	On-line	Bellevue, WA	http://www.bellevuecollege.edu	Patricia Dombrowski 425.564.3164
Capella University	Information Technology (Health Informatics specialization)	Bachelor of Science	Building IT software, implementation of electronic medical records, digitizing medical and patient records	120 weeks	\$43,000.00	High school diploma or equivalent	On-line	Minneapolis, MN	http://www.capella.edu/schools_programs/undergraduate_studies/technology/health_informatics.aspx	Merilyn Hartley 1.866.933.5836
Devry University	Computer Information Systems with emphasis in Health Information Systems	Bachelor of Science	Developing computer software systems that help doctors and other health professionals diagnose diseases and set treatment plans, managing and analyzing data, developing, modifying or purchasing software applications for hospitals, care centers and insurers	128 weeks	\$68,906.00	Grade 12	On-campus; On-line; Hybrid	Downers Grove, IL, various locations in Washington, including Bellevue and Lynnwood	http://www.devry.edu/degree-programs/college-engineering-information-sciences/health-information-systems-about.jsp	Michelle Vanderbilt Bellevue - 866-338-7941
Eastern Washington University	Health Informatics Technology and Management	Bachelor of Science	Graduates will be prepared to participate in the design of data schemes for health information systems, in the definition and analysis of requirements for health information systems, in the design, deployment and querying of reporting systems via both direct query and reporting tools for use in administrative, clinical and support areas.	92 credits, about 120 weeks	\$11,400-\$12,000	General education requirements	On-campus	Cheney, WA	http://www.ewu.edu/CBPA/Programs/Health-Informatics-Technology.xml	Mary Ann Keogh Hoss 509-828-1245
Harrison College	Health Informatics	Bachelor of Science	Informatics nurse specialists, Medical record information technician, Health Information system technician,	170 weeks	\$65,700.00	Grade 12 or equivalent	online	Indianapolis, IN	http://www.harrison.edu/Academics/tabid/70/ctl/program_detail/id/1070/mid/949/Default.aspx	1-888-544-4422, Mark Apple
Oregon Institute of Technology (OIT)	Dept of Information Technology - Health Informatics option	Bachelor of Science	Clinical computing specialist, system design, database administration, system analyst, business analyst, data analyst, E.H.R implementation specialist	4 years	\$17,156.40	GR 12	on campus - some online courses	Portland, OR and also Klamath Falls, OR	http://www.oit.edu/portland/programs/information-technology/health-informatics/overview	Michael Kirschner 503-821-1250 Michael.Kirschner@oit.edu sent email 21 Nov

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	Outcomes	Duration	Cost	Prerequisites	Instruction Delivery	City, State	Web Link	Contact
Portland State University	Biomedical Informatics	Bachelor of Science in Computer Science AND Master of Biomedical informatics. This is a combined program with OHSU. The last year will be taken at OHSU	Research, teaching, health care information technology, biomedical information applications programming, health care computing industry.	5 years	\$29,001.60	3.5 GPA. 3.0 in math courses, 1200 combined SAT/26 composite ACT, completion of pre-calculus and physics	on campus, some OSHU courses can be taken online in the 4th and 5th year	Portland, OR	http://cs.pdx.edu/programs/biomedical	503-725-3511 or 1-800-547-8887
University of Phoenix	Health Administration - concentration in Health Information Systems	Bachelor of Science in Health Administration	The Health Information Systems concentration is designed for individuals that want to work with information technology in health care. Focus is on database concepts as well as information network and system design	120 weeks	\$72,200.00	None listed, requires contact	On-line; On campus	Bellevue, Kennewick, Lynnwood, Spokane, Tukwila, Tacoma, WA	http://www.phoenix.edu/programs/degree-programs/nursing-and-health-care/bachelors/bsha-his/v003.html	866-766-0766
University of Victoria	Health Information Science	Bachelor of Science	Health consultants, managers, system designers, system analysts and researchers	4 years (60 units) -- includes a mandatory coop program (3 work terms)	\$24,000.00 CDN	Grade 12	on campus only	Victoria, BC, CANADA	http://hinf.uvic.ca/Undergraduate/courses.php	Diane Johnson 250-721-8576 dianej@uvic.ca
University of Victoria	Health Information Science	Bachelor of Science	Health consultants, managers, system designers, system analysts and researchers	4 years (60 units) -- includes a mandatory coop program (3 work terms)	\$24,000.00 CDN	Grade 12	on campus only	Victoria, BC, CANADA	http://hinf.uvic.ca/Undergraduate/courses.php	Diane Johnson 250-721-8576 dianej@uvic.ca

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	Outcomes	Duration	Cost	Prerequisites	Instruction Delivery	City, State	Web Link	Contact
University of Washington	Health Informatics and Health Information Management (HIHIM) 866-931-1687	Bachelor of Science	Health Informatics and Health Information Management is focused on the collection, organization, use and evaluation of data in health care and teaches skills to manage health information and patient data, electronic health records, legal and compliance aspects, privacy, and security. This major prepares students for the Registered Health Information Administrator (R.H.I.A.) national credential.	65 credit hours	\$21,515.00	Statistics, Anatomy and physiology with lab, Medical terminology:	On-campus	Seattle, WA	http://www.summer.washington.edu/edp/majors/health.asp	advisers@pce.uw.edu or (206) 543-6160
Walden University	BS in health Studies - health informatics concentration	Bachelor of Science	Careers that require the effective use of electronic data to improve the efficiency and quality of healthcare services.	NA as there are no graduates yet	\$50,680.00	Grade 12	online	Minneapolis, MN	http://www.waldenu.edu/Degree-Programs/Bachelors/32097.htm	1-866-492-5336
Western Governors University Washington	Health Informatics	Bachelor of Science	Database design in the health science areas	60-75 weeks	\$14,450.00	High school diploma or equivalent, Assessment test	On-line	Seattle, WA	http://washington.wgu.edu/online_it_degrees/health_informatics_degree	1-877-214-7004

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	Outcomes	Duration	Cost	Prerequisites	Instruction Delivery	City, State	Web Link	Contact
Drexel University	MS in Health informatics (online)	Certificate	The goal of the Certificate in Healthcare Informatics is to provide knowledge and skills in the application of information	4-6 months	\$9,000.00	a bachelor's degree conferred from a regionally accredited	online	Philadelphia, PA	http://www.drexel.com/online-degrees/information-sciences-degrees/cert-	Colleen Haggerty 215-895-6290
Jefferson School of Nursing	Post MSN nursing informatics certificate	Certificate	Oriented to nurses who wish to continue their education and expand their practice as a nurse practitioner or nursing informatics.	21 credit hours	\$20,160.00	MSN and 3.5 GPA from the MSN program	online	Philadelphia, PA	http://www.jefferson.edu/jchp/nursing/msn.cfm	215-503-8890
Johns Hopkins Schools of Nursing	Applied Health Informatics Program	Post Degree Certificate	Clinical analysts, consultants, system designers, data quality managers, project managers, project designers, educators, and trainers	48 weeks (includes practicum experience)	\$12,500.00	At least one year of experience in a health-related field	online	Baltimore, MD	http://nursing.jhu.edu/academics/programs/post_degree/online/applied_informatics/index.html	Dr. Patricia Abbott 410-502-5402
New England College	certificate in Health Informatics	Certificate	The program is targeted to professionals with varying levels of experience who are working in health informatics in healthcare	9 months	\$7,395.00	Undergraduate degree in Nursing or health-related field	online	Henniker, NH	http://www.nec.edu/sgps/master-of-science-in-management/master-of-	603-428-2252 graduateadmission@nec.edu
Oregon Health and Science University (OHSU)	Dept of Medical Informatics and Clinical Epidemiology (DMICE)	Graduate Certificate in Biomedical Informatics Program	The program is geared to meet the educational needs of health care professionals seeking additional training in information management and technology as well as non-health care professionals seeking training in health information management and technology	24 credit hours	\$16,240	Undergraduate degree	on-line or on campus	Portland, OR	http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/dmice/educational-programs/dmice-programs/certificate.cfm	Lynne Schwabe 503-418-1566
Polytech Institute of New York Online	Bioinformatics Certificate	Certificate program	Targeted to the pharmaceutical or biotechnology professional.	1 year	\$18,720.00	Graduate or undergraduate degree	online	Brooklyn, NY	http://www.poly.edu/academics/online/certificate/bioinformatics	718-260-3623 epoly@poly.edu
Stanford School of Medicine	Certificate in Bioinformatics	Graduate certificate	The Bioinformatics Graduate Certificate focuses on developing an understanding of techniques for analyzing the vast amount of biological data from recent genomic research to new applications relevant to basic biology.	2 years	\$9900-13,000	2 semesters of college level programming in an object-oriented language, 4 semesters of college level biology, bachelor degree from an accredited institution.	online	Stanford, CA	http://scpd.stanford.edu/public/category/courseCatalogCertificateProfile.do?method=load&certificateId=1226682&selectedProgramAreaId=11219	650-204-2984
Stanford School of Medicine	Certificate In Clinical Informatics	Graduate certificate	Careers which integrate biomedical data to understand the cause of disease, develop treatments and integrate it with an	2 years	\$11,080.00 - 13,080.	familiarity with a modern object oriented programming language,	online	Stanford, CA	http://scpd.stanford.edu/public/category/courseCatalogCertificateProfile.do?method=load&certificateId=1226682&selectedProgramAreaId=11219	650-204-3984

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	Outcomes	Duration	Cost	Prerequisites	Instruction Delivery	City, State	Web Link	Contact
Stanford School of Medicine	Certificate in Bioinformatics	Graduate certificate	The Bioinformatics Graduate Certificate focuses on developing an understanding of techniques for analyzing the vast amount of biological data from recent genomic research to new applications relevant to basic biology.	2 years	\$9900-13,000	2 semesters of college level programming in an object-oriented language, 4 semesters of college level biology, bachelor degree from an accredited institution.	online	Stanford, CA	http://scpd.stanford.edu/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=1226682&selectedProgramAreaId=11219	650-204-2984
University of Colorado Denver College of Nursing	Post Master Certificate	Certificate	Aimed at health care professionals to provide knowledge in the field of informatics.	16 credits (1 yr)	\$478.00 per credit +\$180	Masters degreee in nursing from an NLN or CCNE accredited school.	online	Denver. CO	http://www.ucdenver.edu/academics/colleges/nursing/programs-	303-724-1812
University of Illinois	Certificate in Public Health informatics	Certificate	Targeted to public health professionals or students of public health programs interested in a concentrated introduction to PHI.	17 credit hours	\$12,580.00	BA from an accredited university,	online	Chicago, IL	http://www.uic.edu/sph/phi/pep.html	(312) 355-0423
University of Illinois	Post Master Certificate in Health Informatics	Certificate	Chief information officer, director health it,	18 months-2 yrs	17,760-19,980	graduate degree, cumaltive GPA of 3.0 or higher for grad work, 2 years of IT or healthcare work experience.	online	Chicago, IL	http://healthinformatics.uic.edu/post-masters-certificate-in-health-informatics/	Julia Daniels 1-866-674-4842
University of Washington	Health Informatics and Health Information Management (HIHIM)	Post Baccalaureate certificate	Intended for someone seeking a career change who wants to move into the health information management/ systems/IT area within this field with a focus on electronic health records and compliance. Prepares students for the Registered Health Information Administrator (R.H.I.A.) national credential.	65 credit hours	\$21,515.00	Baccalaureate degree in diverse fields, e.g. business, IT, education, biology, English, etc.	On-campus	Seattle, WA	http://www.pce.uw.edu/certificates/health-informatics.html	888-469-6499 or info@pce.uw.edu

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	Outcomes	Duration	Cost	Prerequisites	Instruction Delivery	City, State	Web Link	Contact
Drexel University	MS in health information	Master of Science	This program is ideal for healthcare professionals interested in improving their organization's use of informatics and for information technology specialists seeking careers with biomedical or health organizations.	2 years	\$45,000.00	a bachelor's degree conferred from a regionally accredited institution.	ONLINE , if no health background then a practicum is required	Philadelphia, PA	http://www.drexel.com/online-degrees/information-sciences-degrees/ms-hci/index.aspx	Colleen Haggerty 215-895-6290
Excelsior College	Master of science in nursing - major in Clinical Systems Management	Master of Science	Training health clinicians who can create patient care delivery systems that effectively leverage human, financial, and technological resources to achieve evidence-based, fiscally responsible, quality outcomes.	38 credits, up to 7 years to complete	\$18,240.00	Bachelors degree and RN licensure	online	Albany, NY	http://www.excelsior.edu/ecapps/faces/DegreeProgramController?action=detail&id=447	1-888-647-2388 ext 27
Excelsior College	Master of Science in Nursing Specilization in Nursing Informatics	Master of Science	Provides skills in the management and processing of nursing data.	37 credits, up to 7 years to complete	\$17,760.00	Bachelors degree and RN licensure	online	Albany, NY	http://www.excelsior.edu/ecapps/faces/DegreeProgramController?action=detail&id=516	1-888-647-2388 ext 27
Excelsior College	Master of science in nursing - major in Clinical Systems Management	Master of Science	Training health clinicians who can create patient care delivery systems that effectively leverage human, financial, and technological resources to achieve evidence-based, fiscally responsible, quality outcomes.	38 credits, up to 7 years to complete	\$18,240.00	Bachelors degree and RN licensure	online	Albany, NY	http://www.excelsior.edu/ecapps/faces/DegreeProgramController?action=detail&id=447	1-888-647-2388 ext 27
Jefferson School of Nursing	MSN with a nursing Informatics specialty	Master of Nursing degree	Careers using clinical information systems for data analysis, patient care management or education and provide clinical education, research and knowledge dissemination alternatives	1 year+	\$35,360.00	BSN	online	Philadelphia, PA	http://www.jefferson.edu/jchp/nursing/msn_spec.cfm#ni	215-503-8890, Nikki Kelley
New England College online	Health Informatics	Master of Science	The program is targeted to those wanting to move into the health informatics field. Emphasis will be on managing clinical systems and information management.	1.5 years	\$17,820.00	bachelors degree	online	Henniker, NH	http://www.nec.edu/smps/master-of-science-in-management/master-of-science-health-informatics-management	603-428-2252 graduateadmission@nec.edu
Northeastern University	Health Informatics Graduate Program	Master of Science in Health Informatics (MSHI)	Preparation for careers as 1. Clinical Analyst 2. Business Analyst	2 years full time, including summer	\$1010 per credit, 8 credits per year	Bachelor's degree	Online and Hybrid	Boston, MA	http://healthinformatics.neu.edu/	Bryan Lackaye lackaye@ccs.neu.edu; 617.373.2464

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	Outcomes	Duration	Cost	Prerequisites	Instruction Delivery	City, State	Web Link	Contact
Northwestern University	Master of Science in Medical Informatics	Master of Science	Clinical IT leadership	60-80 weeks	\$40,400-40,870	bachelor degree	online	Chicago, IL	http://medinformatics.northwestern.edu/request-	1-877-664-3347
Oregon Health and Science University (OHSU)	Dept of Medical Informatics and Clinical Epidemiology (DMICE)	Master of Science in Biomedical Informatics (MS)	To educate the future developers and managers of health care information systems	2 years	\$20,350.00	Bachelor degree	on campus only	Portland, OR	http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/dmice/educational-programs/dmice-programs/masters.cfm	Lynne Schwabe 503-418-1566
Oregon Health and Science University (OHSU)	Dept of Medical Informatics and Clinical Epidemiology (DMICE)	Master of Biomedical Informatics (MBI) - Clinical informatics track	To educate the future developers and managers of health care information systems	approx 52 weeks	\$35,700.00	Anatomy & Physiology, Computer Science, Biochemistry, Biology, Genetics, Statistics/Biostatistics	on-campus and distance learning (the online requires the student to take two on campus short one week courses).	Portland, OR	http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/dmice/	Lynne Schwabe 503-418-1566
Polytech Institute of New York Online	Bioinformatics	Master of science	The program meets industry's demand for professionals with solid foundations in genomics, proteomics, sequence and pathway	1.5 years	\$37,440.00	Undergraduate degree, with at least 2 years'	online	Brooklyn, NY	http://www.poly.edu/academics/online/masters/bioinformatics	718-260-3623 epoly@poly.edu
Portland State University	Biomedical Informatics	BS in Computer Science AND Master of	Research, teaching, health care information technology, biomedical information applications programming, health care computing industry.	5 years	\$29,001.60	3.5 GPA. 3.0 in math courses, 1200 combined	on campus, some OSHU	Portland, OR	http://cs.pdx.edu/programs/biomedical	503-725-3511 or 1-800-547-8887
Southern New Hampshire University Online	Master of Science - Information Technology - Healthcare Informatics	Master of Science	The program reviews how the healthcare industry uses information systems - electronic medical records and laboratory and radiology	18 months-2 yrs	\$21,924.00	bachelors degree	online	Manchester, NH	http://www.snhu.edu/Information-Technology-	603-626-9100
Stanford School of Medicine	Masters Program Biomedical Informatics	Master of Science	Careers that use information technology to analyze and understand biomedical data, and develop new methods for using information to	3-5 years	\$19,650.00	Bachelors degree; training in biomedicine,	online	Stanford, CA	http://scpd.stanford.edu/public/category/courseCategoryCertificat	650-204-3984; Jennifer Gray, Marketing 443-691-7622

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	Outcomes	Duration	Cost	Prerequisites	Instruction Delivery	City, State	Web Link	Contact
Stevens Heneger College	Master of Science in Healthcare Informatics (Online)	Master of Science	Healthcare Chief Information Officer (CIO) and IT/IN Director.	65 weeks	\$27,785.00	bachelor degree	online	Boise, ID	http://www.stevensnager.edu/information-	Gregory Davis 1-800-291-9445
University of Colorado Denver college of Nursing	Master of Science in Health care informatics - online	Master of Science	To enter careers focused on nursing decision support and information systems	34 credits (2 years)	\$478.00 per credit +\$180 fees/term	An undergraduate nursing degree	online	Denver, CO	http://www.ucdenver.edu/academics/colleges/nursing/programs-	303-724-1812
University of Illinois	Post Master Certificate in Health Informatics	Certificate	Chief information officer, director health it,	18 months-2 yrs	17,760-19,980	graduate degree, cumulative GPA of 3.0 or higher for grad work, 2 years of IT or healthcare work experience.	online	Chicago, IL	http://healthinformatics.uic.edu/post-masters-certificate-in-health-informatics/	Julia Daniels 1-866-674-4842
University of Victoria	Master of Nursing and Master of Health Information Sciences	Combined Masters degree program	The option is intended to prepare nursing leaders with a background essential for working in the rapidly expanding field of nursing and health informatics. Graduates will be prepared to take leadership roles in informatics, telehealth, implementation of electronic health care records and other areas of emerging health technology	3 years	\$4,046 CDN per term	Students are required to complete 31.5 program units including an onsite program orientation prior to program commencement	on campus only; there is a co-op employment component	Victoria, BC. CANADA	http://nursing.uvic.ca/graduate/DoubleDegrees/Overview.php	Elizabeth Borycki, 250-472-5432 emb@uvic.ca

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	Outcomes	Duration	Cost	Prerequisites	Instruction Delivery	City, State	Web Link	Contact
University of Victoria	Health Information Science	Master of Science in Health Informatics	health records analyst, health systems planner, clinical informatics analyst	2 yrs	\$22,673.50 CDN online (based on 5 terms)	bachelor's degree from an accredited university, health and IT professionals with at least one years work experience, GMAT/MCAT/GRE over 75%, for those whose first language is not English must have TOEFL score of 575 or higher.	online with 2-2 weeks oncampus	Victoria, BC, CANADA	http://hinf.uvic.ca/Graduate/requirements.php	hisgrad@uvic.ca 250-721-6459
University of Victoria	Health Information Science	Master of Science in Health Informatics	health records analyst, health systems planner, clinical informatics analyst	2 yrs (based on 5 terms)	10,013.6 CDN campus	bachelor's degree from an accredited	on campus	Victoria, BC, CANADA	http://hinf.uvic.ca/Graduate/requirements.php	Diane Johnson 250-721-8576 dianej@uvic.ca
University of Washington	Biomedical and Health Informatics (BHI)	MS, PhD, Post-Doctoral Fellowship	We train the next generation of biomedical and health informatics (BHI) researchers and practitioners to play a leadership role in unleashing the potential of BHI to advance research and improve health. Our research MS, PhD, and postdoctoral programs emphasize more the research end of the spectrum and our joint MS in Clinical Informatics and Patient Centered Technologies emphasizes more the practitioner and applied end of the spectrum.	21 months for MS. 4-5 years for PhD. 12-24 months for Post-doctoral fellow ship.	Most students in the BHI research program are funded through a National Library of Medicine Training Grant (http://www.nlm.nih.gov/ep/GrantTrainInstitute.html)	Baccalaureate Degree	On-Campus	Seattle, WA	http://www.bhi.washington.edu/	Sandy Turner (206) 616-0369 informat@u.washington.edu
University of Washington	Clinical Informatics and Patient-Centered Technologies (CIPCT)	Master of Science	Jobs relating to the design and evaluation of health information systems, clinical informatics, patient-centered technologies, health policy, and effective management of information systems.	15-24 months	\$27,900.00	Baccalaureate Degree, Minimum 1 year experience in health care delivery	On-line, but one on campus session per year	Seattle, WA	http://nursing.uw.edu/academic-services/degree-programs/cipct/clinical-informatics-and-patient-centered-	Jaime Jenkins uwcipct@uw.edu 866-931-1687

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	Outcomes	Duration	Cost	Prerequisites	Instruction Delivery	City, State	Web Link	Contact
University of Washington	Master of Health Informatics & Health Information Management	Master of HIHIM	Train students to lead the development of enterprise style systems that integrate health care data and electronic health records; prepare to step into senior management and technology roles in the e-health environment.	24 months	\$650 per credit hour	Baccalaureate Degree Minimum 1 year Experience in health care	Executive style – weekend once a month and on-line sessions alternative weeks	Bellevue, WA	http://www.health-informatics.uw.edu	Gretchen Murphy
Walden University	MS in Health informatics	Master of science	nursing information officer, chief information officer, medical informatics specialist, certified health information specialist, informatics consultant, information systems manager, clinical informaticist, project manager in health information, healthcare administrator.	NA as there are no graduates yet	\$25,600.00	bachelor degree	online	Minneapolis, MN	http://www.waldenu.edu/Degree-Programs/Masters/M.S.-in-Health-Informatics.htm	1-866-492-5336

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	Outcomes	Duration	Cost	Prerequisites	Instruction Delivery	City, State	Web Link	Contact
University of Washington	Biomedical and Health Informatics (BHI)	Master of Science, Doctor of Philosophy (PhD), Post-Doctoral Fellowship	We train the next generation of biomedical and health informatics (BHI) researchers and practitioners to play a leadership role in unleashing the potential of BHI to advance research and improve health. Our research MS, PhD, and postdoctoral programs emphasize more the research end of the spectrum and our joint MS in Clinical Informatics and Patient Centered Technologies emphasizes more the practitioner and applied end of the spectrum.	21 months for MS. 4-5 years for PhD. 12-24 months for Post-doctoral fellow ship.	Most students in the BHI research program are funded through a National Library of Medicine Training Grant (http://www.nlm.nih.gov/ep/GrantTrainingInstitute.html)	Baccalaureate Degree	on-campus	Seattle, WA	http://www.bhi.washington.edu/	Sandy Turner (206) 616-0369 informat@u.washington.edu
Oregon Health and Science University (OHSU)	Dept of Medical Informatics and Clinical Epidemiology (DMICE)	PhD - Doctor of philosophy in Biomedical Informatics	DMICE's PhD in Biomedical Informatics supplies students with both a core knowledge base of clinical informatics and the skills to carry out advanced research in this area	18-24 months for coursework and qualifying exams, 12-24 additional months for independent research, dissertation	\$50,000 (depends on admission credits)	Anatomy & Physiology, Computer Science, Biochemistry, Biology, Genetics, Statistics/Biostatistics	on-campus only There will be a residency requirement of 12 - 15 credits for six consecutive terms in accordance with the by-laws of the School of Medicine Graduate Council	Portland, OR	http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/dmice/educational-programs/dmice-programs/phd.cfm	Lynne Schwabe 503-418-1566

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	City, State	Web Link	Contact
Bellevue College	Health Informatics	18-Credit Certificate	Bellevue, WA	http://bellevuecollege.edu/programs/degrees/proftech/medit/	Patricia Dombrowski 425.564.3164
Bellevue College	Health Information Technology	Bachelor of Applied Science in 2012	Bellevue, WA	http://www.bellevuecollege.edu	Patricia Dombrowski 425.564.3164
Bellevue College	Health Informatics, Health Information Technology	Multiple non-credit programs	Bellevue, WA	http://bellevuecollege.edu/programs/degrees/proftech/medit/	Patricia Dombrowski 425.564.3164
Capella University	Information Technology (Health Informatics specialization)	Bachelor of Science	Minneapolis, MN	http://www.capella.edu/schools_programs/undergraduate_studies/technology/health_informatics.aspx	Merilyn Hartley 1.866.933.5836
Clark College	Health Informatics – Information Technology (HIIT)	Associate of Arts (transfer to OIT) in 2012	Vancouver, WA	http://www.clark.edu/academics/programs/health-informatics/index.php	John MADUTA, 360-992-2327
Devry University	Computer Information Systems with emphasis in Health Information Systems	Bachelor of Science	Downers Grove, IL, various locations in Washington, including Bellevue and Lynnwood	http://www.devry.edu/degree-programs/college-engineering-information-sciences/health-information-systems-about.jsp	Michelle Vanderbilt -- Bellevue - 866-338-7941
Drexel University	MS in Health informatics (online)	Certificate	Philadelphia, PA	http://www.drexel.com/online-degrees/information-sciences-degrees/cert-hci/index.aspx	Colleen Haggerty 215-895-6290
Drexel University	MS in health information	Master of Science	Philadelphia, PA	http://www.drexel.com/online-degrees/information-sciences-degrees/ms-hci/index.aspx	Colleen Haggerty 215-895-6290
Eastern Washington University	Health Informatics Technology and Management	Bachelor of Science	Cheney, WA	http://www.ewu.edu/CBPA/Programs/Health-Informatics-Technology.xml	Mary Ann Keogh Hoss 509-828-1245

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	City, State	Web Link	Contact
Excelsior College	Master of science in nursing - major in Clinical Systems Management	Master of Science	Albany, NY	http://www.excelsior.edu/ecapps/faces/DegreeProgramController?action=detail&id=447	1-888-647-2388 ext 27
Excelsior College	Master of Science in Nursing Specilization in Nursing Informatics	Master of Science	Albany, NY	http://www.excelsior.edu/ecapps/faces/DegreeProgramController?action=detail&id=516	1-888-647-2388 ext 27
Harrison College Online	Health Informatics	Bachelor of Science	Indianapolis, IN	http://www.harrison.edu/Academics/tabid/70/ctl/program_detail/id/1070/mid/949/Default.aspx	1-888-544-4422, Mark Apple
Jefferson School of Nursing	MSN with a nursing Informatics specialty	Master of Nursing	Philadelphia, PA	http://www.jefferson.edu/jchp/nursing/msnspec.cfm#ni	215-503-8890, Nikki Kelley
Jefferson School of Nursing	Post MSN nursing informatics certificate	Certificate	Philadelphia, PA	http://www.jefferson.edu/jchp/nursing/msn.cfm	215-503-8890
Johns Hopkins Schools of Nursing	Applied Health Informatics Program	Post Degree Certificate	Baltimore, MD	http://nursing.jhu.edu/academics/programs/post_degree/online/applied_informatics/index.html	Dr. Patricia Abbott 410-502-5402
New England College	certificate in Health Informatics	Certificate	Henniker, NH	http://www.nec.edu/sgps/master-of-science-in-management/master-of-science-health-information-management	603-428-2252 graduateadmission@nec.edu
New England College online	Health Informatics	Master of Science	Henniker, NH	http://www.nec.edu/sgps/master-of-science-in-management/master-of-science-health-informatics-management	603-428-2252 graduateadmission@nec.edu

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	City, State	Web Link	Contact
Northwestern University	Master of Science in Medical Informatics	Master of Science	Chicago, IL	http://medinformatics.northwestern.edu/request-info/?gclid=CMTvrOSYy6wCFUJx4Aod91nZqQ	1-877-664-3347
Oregon Institute of Technology (OIT)	Dept of Information Technology - Health Informatics option	Bachelor of Science	Portland, OR and also Klamath Falls, OR	http://www.oit.edu/portland/programs/information-technology/health-informatics/overview	Michael Kirschner 503-821-1250 Michael.Kirschner@oit.edu sent email 21 Nov
Polytech Institute of New York Online	Bioinformatics	Master of science	Brooklyn, NY	http://www.poly.edu/academics/online/masters/bioinformatics	718-260-3623 epoly@poly.edu
Polytech Institute of New York Online	Bioinformatics Certificate	Certificate program	Brooklyn, NY	http://www.poly.edu/academics/online/certificate/bioinformatics	718-260-3623 epoly@poly.edu
Portland Community College	Associate of Applied science degree in Health informatics	Associate of Applied Science	Portland Or	http://www.pcc.edu/programs/computer-info/health-informatics.html	Michele Maxwell michele.maxwell@pcc.edu
Southern New Hampshire University Online	Master of Science - Information Technology - Healthcare Informatics Concentration	Master of Science	Manchester, NH	http://www.snhu.edu/Information-Technology-Healthcare-Informatics-MS.asp	603-626-9100
Stanford School of Medicine	Certificate In Clinical Informatics	Graduate certificate	Stanford, CA	http://scpd.stanford.edu/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=1229644#searchResults	650-204-3984

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	City, State	Web Link	Contact
Stanford School of Medicine	Certificate in Bioinformatics	Graduate certificate	Stanford, CA	http://scpd.stanford.edu/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=1226682&selectedProgramAreId=11219	650-204-2984
Stanford School of Medicine	Masters Program Biomedical Informatics	Master of Science	Stanford, CA	http://scpd.stanford.edu/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=1240186#searchResults	650-204-3984; Jennifer Gray, Marketing 443-691-7622
Stevens Heneger College	Master of Science in Healthcare Informatics (Online)	Master of Science	Boise, ID	http://www.stevensheneger.edu/information-technology/masters/healthcare-informatics	Gregory Davis 1-800-291-9445
University of Colorado Denver College of Nursing	Health Care informatics Certificate	Certificate	Denver, CO	http://www.ucdenver.edu/academics/colleges/nursing/programs-admissions/masters-programs/ms-program/specialties/healthcareinformatics/academics/Health%20Care%20Informatics%20Certificate/Pages/HealthCareInformaticsCertificate.aspx	Nicole Jackson 303.724-1561

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	City, State	Web Link	Contact
University of Colorado Denver college of Nursing	Master of Science in Health care informatics - online	Master of Science	Denver, CO	http://www.ucdenver.edu/academics/colleges/nursing/programs-admissions/masters-programs/ms-program/specialties/healthcareinformatics/academics/Health%20Care%20Informatics%20Certificate/Pages/HealthCareInformaticsCertificate.aspx	303-724-1812
University of Colorado Denver College of Nursing	Post Master Certificate	Certificate	Denver, CO	http://www.ucdenver.edu/academics/colleges/nursing/programs-admissions/masters-programs/ms-program/specialties/healthcareinformatics/academics/Post-Master%27s%20Certificate/Pages/Post-Master%27sCertificate.aspx	303-724-1812
University of Illinois	Post Master Certificate in Health Informatics	Certificate	Chicago, IL	http://healthinformatics.uic.edu/post-masters-certificate-in-health-informatics/	Julia Daniels 1-866-674-4842
University of Illinois	Master in Public Health informatics	Master of Public Health	Chicago, IL	http://www.uic.edu/sph/phi/masters.html	
University of Illinois	Certificate in Public Health informatics	Certificate	Chicago, IL	http://www.uic.edu/sph/phi/pep.html	(312) 355-0423
University of Phoenix	Health Administration - concentration in Health Information Systems	Bachelor of Science in Health Administration	Bellevue, Kennewick, Lynnwood, Spokane, Tukwila, Tacoma, WA	http://www.phoenix.edu/programs/degree-programs/nursing-and-health-care/bachelors/bshahis/v003.html	866-766-0766

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	City, State	Web Link	Contact
University of Washington	Health Informatics and Health Information Management (HIHIM) 866-931-1687	Bachelor of Science	Seattle, WA	http://www.summer.washington.edu/edp/majors/health.asp	advisers@pce.uw.edu or (206) 543-6160
University of Washington	Health Informatics and Health Information Management (HIHIM)	Post Baccalaureate certificate	Seattle, WA	http://www.pce.uw.edu/certificates/health-informatics.html	888-469-6499 or info@pce.uw.edu
University of Washington	Biomedical and Health Informatics (BHI)	Master of Science, Doctor of Philosophy (PhD), Post-Doctoral Fellowship	Seattle, WA	http://www.bhi.washington.edu/	Sandy Turner (206) 616-0369 informat@u.washington.edu
University of Washington	Master of Health Informatics & Health Information Management	Master of HIHIM	Bellevue, WA	http://www.health-informatics.uw.edu	Gretchen Murphy
University of Washington	Clinical Informatics and Patient-Centered Technologies (CIPCT)	Master of Science	Seattle, WA	http://nursing.uw.edu/academic-services/degree-programs/cipct/clinical-informatics-and-patient-centered-technologies-cipct	Jaime Jenkins uwcipct@uw.edu 866-931-1687
Walden University	MS in Health informatics	Master of science	Minneapolis, MN	http://www.waldenu.edu/Degree-Programs/Masters/M.S.-in-Health-Informatics.htm	1-866-492-5336

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	City, State	Web Link	Contact
Walden University	BS in health Studies - health informatics concentration	Bachelor of Science	Minneapolis, MN	http://www.waldenu.edu/Degree-Programs/Bachelors/32097.htm	1-866-492-5336
Western Governors University Washington	Health Informatics	Bachelor of Science	Seattle, WA	http://washington.wgu.edu/online_it_degrees/health_informatics_degree	1-877-214-7004
UBC	certificate in Health Informatics	Certificate	Vancouver, BC, CANADA	http://www.internationaleducationmedia.com/canada/ubc_health.htm	Allan English 1-604-822-1471 allan.english@ubc.ca
University of Victoria	Master of Nursing and Master of Health Information Sciences	Combined Masters degree program	Victoria, BC, CANADA	http://nursing.uvic.ca/graduate/DoubleDegrees/Overview.php	Elizabeth Borycki, 250-472-5432 emb@uvic.ca
University of Victoria	Health Information Science	Bachelor of Science	Victoria, BC, CANADA	http://hinf.uvic.ca/Undergraduate/courses.php	Diane Johnson 250-721-8576 dianej@uvic.ca
University of Victoria	Health Information Science	Master of Science in Health Informatics	Victoria, BC, CANADA	http://hinf.uvic.ca/Graduate/requirements.php	hisgrad@uvic.ca 250-721-6459
University of Victoria	Health Information Science	Master of Science in Health Informatics	Victoria, BC, CANADA	http://hinf.uvic.ca/Graduate/requirements.php	Diane Johnson 250-721-8576 dianej@uvic.ca
Portland State University	Biomedical Informatics	Bachelor of Science in Computer Science AND Master of Biomedical informatics. This is a combined program with OHSU. The last year will be taken at OHSU	Portland, OR	http://cs.pdx.edu/programs/biomedical	503-725-3511 or 1-800-547-8887

Washington Health IT Educational Resource Inventory

Institution	Program	Degree/ Certification	City, State	Web Link	Contact
Oregon Health and Science University (OHSU)	Dept of Medical Informatics and Clinical Epidemiology (DMICE)	Master of Science in Biomedical Informatics (MS)	Portland, OR	http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/dmice/educational-programs/dmice-programs/masters.cfm	Lynne Schwabe 503-418-1566
Oregon Health and Science University (OHSU)	Dept of Medical Informatics and Clinical Epidemiology (DMICE)	PhD - Doctor of philosophy in Biomedical Informatics	Portland, OR	http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/dmice/educational-programs/dmice-programs/phd.cfm	Lynne Schwabe 503-418-1566
Oregon Health and Science University (OHSU)	Dept of Medical Informatics and Clinical Epidemiology (DMICE)	Master of Biomedical Informatics (MBI) - Clinical informatics track	Portland, OR	http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/dmice/	Lynne Schwabe 503-418-1566
Oregon Health and Science University (OHSU)	Dept of Medical Informatics and Clinical Epidemiology (DMICE)	Graduate Certificate in Biomedical Informatics Program	Portland, OR	http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/dmice/educational-programs/dmice-programs/certificate.cfm	Lynne Schwabe 503-418-1566
Northeastern University	Health Informatics Graduate Program	Master of Science in Health Informatics (MSHI)	Seattle, WA (2013)	http://healthinformatics.neu.edu/	Bryan Lackaye lackaye@ccs.neu.edu; 617.373.2464