What is healthcare informatics? Healthcare informatics is the integration of computer technology into health care. As a scientific discipline, it deals with the collection, storage, retrieval, communication, and optimal use of health related data information systems; maintain and modify clinical information systems at hospitals or clinics; train health professionals to use data collection and decision management software; and provide ongoing customer support. Jobs in healthcare informatics can be found in a wide variety of settings, from hospitals and clinics, to software development ventures, the U.S. government, and health care consulting firms. Jobs for entry level graduates with bachelor’s degrees are generally at the assistant or support staff level and may have titles such as network support personnel, clinical informatics specialist, customer support, integrated network support, integrated network support, or EHR specialist. Some of the best opportunities for entry into healthcare informatics can be found in large teaching hospitals because they employ information professionals in several departments. Is there a demand for healthcare information professionals? Healthcare informatics is one of the fastest growing specialties in health care, according to a recent forecast in U.S. News and World Report. Some students, especially those who complete internships, are hired by technology major graduates. The U.S. Department of Labor also lists the growth rate for this field as being above average, with growth expected to continue for the next decade. What is the salary range? Entry level salaries for people with bachelor’s degrees range from $35,000 to $50,000 depending on the degree major and related work experience or internships. What else should I know? The opportunity to advance within the healthcare informatics profession is significant. Experience and continuing education both play important roles in career development. Healthcare informatics majors who complete bachelor’s or PhDs can earn up to $150,000 annually.

Our School of Health Technology and Management now offers a master's degree in Health Care Informatics. HTTP://HEALTHTECHNOLOGY.EDU/PROG/AMHS/INFO-SESSIONS

Recently the U.S. entered “The Decade of Health Information Technology” by establishing a National Coordinator for Health Information Technology for the first time in its history. The mission: To get the majority of Americans, in both the public and private sector, interoperable electronic health records within the next 10 years in order to improve the exchange of information and treat emergent health care issues.” - Craig Lehmann, Ph.D., Dean, School of Health Technology and Management, Stony Brook University
Students can declare the Health Science major at any time during their academic career. All major courses are taken during the senior year. In order to begin your senior year courses in the major, you must have:

- a G.P.A. of at least 2.0 and have successfully completed 91 credits and have met all D.E.C/S.B.C requirements
- except TECH SBC requirement which will be satisfied during the senior year
- at least 16 credits in sciences, which must include HAN 200 and HAN 202 sequence, or equivalent sequence (ask advisor for information)
- 21 credits of related electives, which must include HAN 251 and HAN 312
- 10 upper division credits.

Successful completion of the following courses during the fall semester of your senior year is required:

- Health Care Issues
- Professional Ethics
- Communication Skills
- Professional Writing
- Health Informatics

Strongly recommended courses for the Informatics Concentration include CSE 101, CSE 113 and CSE 114 PRIOR to beginning the Health Science senior year curriculum.

To declare Health Science as your major, you are required to attend an Advising Workshop. To schedule an appointment, please email Jennifer Jimenez at jennifer.jimenez.1@stonybrook.edu.

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OR VISIT OUR WEBSITE AT:
http://healthtechnology.stonybrookmedicine.edu/programs/hs

Professional Organization:
American Medical Informatics Association (AMIA)
www.amia.org

Occupational and Employment Information
www.labor.state.ny.us
www.amia.org/jobexch/jobs/jobs.html
www.nycareerzone.org
www.dol.gov
www.salary.com
www.salary.monster.com

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