

INTERDISCIPLINARY HEALTH SCIENCES: HEALTH TECHNOLOGY, BS

for the degree of Bachelor of Science Major in Interdisciplinary Health Science, Health Technology Concentration

Develop the skills and knowledge needed to implement and support information technology solutions for health sector organizations. Coursework will focus on the areas of health information management including health information processing and exchange, health care analytics, enterprise management, and information storage and security management.

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Summary of Degree Requirements

Code	Title	Hours
General Education		36-39
Health Major Requirements		42
Concentration Requirements		22-23
Free Electives		24-28
Total Hours		128

The curriculum requires certain existing courses from the approved lists be taken as noted below. The prescribed courses prepare the student for upper division study and may be used to satisfy General Education Requirements provided they are on the appropriate General Education List.

General Education Requirements

Code	Title	Hours
Communication Arts		
Composition I		3-6
Advanced Composition		3
Quantitative Reasoning I & II		
From approved campus list		6
Humanities and the Arts		
From approved campus list		6
Social and Behavioral Sciences		
From approved campus list		6
Natural Sciences and Technology		
From approved campus list		6
Cultural Studies ¹		
From Western cultures approved campus list		3
From non-Western cultures approved campus list		3
From U.S. minority cultures approved campus list		3
Total Hours		39-42

¹ Courses in cultural studies may be completed through other categories where appropriate.

Code	Title	Hours
Health Major Requirements		
CHLH 101	Introduction to Public Health	3
CHLH 274	Introduction to Epidemiology	3
CHLH 456	Organization of Health Care	2-4
KIN 122	Physical Activity and Health	3
RST 100	Recreation, Sport, and Tourism in Modern Society	3
SHS 170	Intro Hum Comm Sys & Disorders	3
FSHN 120	Contemporary Nutrition	3
PSYC 100	Intro Psych	4
STAT 100	Statistics	3
REHB 330	Disability in American Society	3
IHLT 101	Introduction to i-Health	1
IHLT 102	Survey of Interdisc Health	1
IHLT 375	Interdis Collab in Health Serv	4
IHLT 474	Pre-Field Experience in Health	1
IHLT 475	Field Experience in i-Health	4
Total Hours		42

Free Electives

Code	Title	Hours
Free Electives		24-28
Total Hours		24-28

Health Technology Concentration

Code	Title	Hours
KIN 201	Physical Activity Research Methods	3
CHLH 203	Introduction to Health Technology	3
CHLH 441	Health Behavior and Technology	3
CHLH 470	Technology, Health, and Aging	3
Select three of the following (at least two at the 300- or 400-level):		9
ACE 161	Microcomputer Applications	
CS 101	Intro Computing: Engrg & Sci	
CS 124	Introduction to Computer Science I	
CMN 462	Interpersonal Health Comm	
CHLH 421	Health Data Analysis	
CHLH 494	Special Topics	
IHLT 498	Interdisciplinary Health Study Abroad	
IS 202	Social Aspects Info Tech	
IS 308	Race, Gender, and Information Technology	
IS 401	Introduction to Network Information Systems	
IS 407	Introduction to Data Science	
IS 420	Community Informatics	
KIN 365	Civic Engagement in Wellness	
KIN 460	Technology & Pedagogical KINES	
KIN 474	Tech-Driven Health Intervention	
LING 270	Language, Technology & Society	
STAT 200	Statistical Analysis	

STAT 212	Biostatistics	
Total Hours		21

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Sample Sequence

This sample sequence is intended to be used only as a guide for degree completion. All students should work individually with their academic advisors to decide the actual course selection and sequence that works best for them based on their academic preparation and goals. Enrichment programming such as study abroad, minors, internships, and so on may impact the structure of this four-year plan. Course availability is not guaranteed during the semester indicated in the sample sequence.

Students must fulfill their Language Other Than English requirement by successfully completing a third level of a language other than English. For more information see the corresponding section on the Degree General and Education Requirements page (<http://catalog.illinois.edu/general-information/degree-general-education-requirements/>).

First Year

First Semester	Hours	Second Semester	Hours
IHLT 101		1 RST 100	3
IHLT 102		1 FSHN 120	3
KIN 122		3 Language Other than English (3rd level) or Composition I	4
CHLH 101		3 General Education course	3
Composition I or Language Other than English (3rd level)		4 Free Elective	3
General Education course		3 Free Elective	1
		15	17

Second Year

First Semester	Hours	Second Semester	Hours
PSYC 100		4 STAT 100	3
SHS 170		3 REHB 330	3
General Education course		3 General Education course	3
Free Elective		3 General Education course	3
Free Elective		3 Free Elective	4
		16	16

Third Year

First Semester	Hours	Second Semester	Hours
CHLH 274		3 IHLT 375	4
KIN 201		3 CHLH 203	3
General Education course		3 General Education course	3
Free Elective		3 Free Elective	3
Free Elective		3 Free Elective	3
		15	16

Fourth Year

First Semester	Hours	Second Semester	Hours
IHLT 474		1 IHLT 475	4
CHLH 456		3 CHLH 441	3
CHLH 470		3 Concentration Elective course	3
Concentration Elective course		3 Free Elective	3
Concentration Elective course		3 Free Elective	3
Free Elective		3 Free Elective	1
		16	17

Total Hours 128

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Upon successful completion of this program, students will be able to:

1. discuss the field of health technology
2. discuss human factors methods and techniques
3. examine health behaviors in relation to health technology
4. perform introductory computing skills relevant to health technology
5. utilize knowledge from social, business, human factors, behavioral and information sciences and technology to design, implement, and evaluate health informatics solutions

Programs in Kinesiology and Community Health

Undergraduate Programs

- Majors
 - Community Health, BS (<http://catalog.illinois.edu/undergraduate/ahs/community-health-bs/>)
 - optional concentrations
 - Community Health: Health Education, BS (<http://catalog.illinois.edu/undergraduate/ahs/community-health-bs/health-education-promotion/>)
 - Community Health: Health Planning & Administration, BS (<http://catalog.illinois.edu/undergraduate/ahs/community-health-bs/health-planning-administration/>)
 - Community Health: Rehabilitation & Disability Studies, BS (<http://catalog.illinois.edu/undergraduate/ahs/community-health-bs/rehabilitation-studies/>)
 - Kinesiology, BS (<http://catalog.illinois.edu/undergraduate/ahs/kinesiology-bs/>)
 - optional concentrations
 - Kinesiology: Teacher Certification, BS (<http://catalog.illinois.edu/undergraduate/ahs/kinesiology-bs/teacher-certification/>)
 - Interdisciplinary Health Sciences, BS (<http://catalog.illinois.edu/undergraduate/ahs/interdisciplinary-health-sciences-bs/>)
 - optional concentrations
 - Interdisciplinary Health Sciences: Health & Aging, BS (<http://catalog.illinois.edu/undergraduate/ahs/interdisciplinary-health-sciences-bs/health-aging/>)
 - Interdisciplinary Health Sciences: Health Behavior Change, BS (<http://catalog.illinois.edu/undergraduate/ahs/>)

- interdisciplinary-health-sciences-bs/health-behavior-change/)
- Interdisciplinary Health Sciences: Health Diversity, BS (<http://catalog.illinois.edu/undergraduate/ahs/interdisciplinary-health-sciences-bs/health-diversity/>)
 - Interdisciplinary Health Sciences: Health Technology, BS (p. 1)
- Minors
 - Disability Studies (<http://catalog.illinois.edu/undergraduate/ahs/minors/disability-studies/>)
 - Health Administration (<http://catalog.illinois.edu/undergraduate/ahs/minors/health-administration/>)
 - Health Technology, Interdisciplinary (<http://catalog.illinois.edu/undergraduate/ahs/minors/interdisciplinary-health-technology/>)
 - Interdisciplinary Aging (<http://catalog.illinois.edu/undergraduate/ahs/minors/aging/>)
 - Kinesiology (<http://catalog.illinois.edu/undergraduate/ahs/minors/kinesiology/>)
 - Public Health (<http://catalog.illinois.edu/undergraduate/ahs/minors/public-health/>)
 - Joint Programs
 - Community Health, BS and Public Health, MPH (<http://catalog.illinois.edu/undergraduate/ahs/community-health-bs-public-health-mp/>)
 - Community Health, BS and Epidemiology, MPH (<http://catalog.illinois.edu/undergraduate/ahs/community-health-bs-epidemiology-mp/>)
 - Kinesiology, BS and Public Health, MPH (<http://catalog.illinois.edu/undergraduate/ahs/kinesiology-bs-public-health-mp/>)
 - Kinesiology, BS and Epidemiology, MPH (<http://catalog.illinois.edu/undergraduate/ahs/kinesiology-bs-epidemiology-mp/>)
 - Interdisciplinary Health Sciences, BS and Public Health, MPH (<http://catalog.illinois.edu/undergraduate/ahs/interdisciplinary-health-sciences-bs-public-health-mp/>)
 - Interdisciplinary Health Sciences, BS and Epidemiology, MPH (<http://catalog.illinois.edu/undergraduate/ahs/interdisciplinary-health-sciences-bs-epidemiology-mp/>)
 - Rehabilitation, MS (<http://catalog.illinois.edu/graduate/ahs/rehabilitation-ms/>)
 - Public Health, MPH (<http://catalog.illinois.edu/graduate/ahs/public-health-mp/>)
 - Joint Programs
 - Public Health, MPH & Community Health, PhD (<http://catalog.illinois.edu/graduate/ahs/joint-degree/public-health-mp-community-health-phd/>)
 - Public Health, MPH & Food Science & Human Nutrition, PhD (http://catalog.illinois.edu/graduate/aces_ahs/joint-degree/food-science-human-nutrition-phd-public-health-mp/)
 - Public Health, MPH & Kinesiology, PhD (<http://catalog.illinois.edu/graduate/ahs/joint-degree/public-health-mp-kinesiology-phd/>)
 - Public Health, MPH & Nutritional Science, PhD (http://catalog.illinois.edu/graduate/aces_ahs/nutritional-science-phd-public-health-mp/)
 - Public Health, MPH & Social Work, PhD (http://catalog.illinois.edu/graduate/ahs_socw/joint-degree/public-health-mp-social-work-phd/)
 - Public Health, MPH & Urban Planning, MUP (http://catalog.illinois.edu/graduate/ahs_faa/joint-degree/public-health-mp-urban-planning-mup/)

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I-Health Department website (<http://ihealth.illinois.edu/>)

I-Health Faculty and Staff (<https://ahs.illinois.edu/ihealth-directory/>)

Applied Health Sciences Catalog (<http://catalog.illinois.edu/schools/ahs/>)

Applied Health Sciences website (<http://www.ahs.illinois.edu/>)

Graduate Programs

- Majors
 - Community Health, MS (<http://catalog.illinois.edu/graduate/ahs/community-health-ms/>)
 - Community Health, PhD (<http://catalog.illinois.edu/graduate/ahs/community-health-phd/>)
 - Epidemiology, MPH (<http://catalog.illinois.edu/graduate/ahs/epidemiology-mp/>)
 - Health Administration, MHA (<http://catalog.illinois.edu/graduate/ahs/health-administration-mha/>)
 - Health Technology, MS (<http://catalog.illinois.edu/graduate/ahs/health-technology-ms/>)
 - Kinesiology, MS (<http://catalog.illinois.edu/graduate/ahs/kinesiology-ms/>)
 - Kinesiology, PhD (<http://catalog.illinois.edu/graduate/ahs/kinesiology-phd/>)