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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<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 201</td>
<td>Physical Activity Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>CHLH 203</td>
<td>Introduction to Health Technology</td>
<td>3</td>
</tr>
<tr>
<td>CHLH 441</td>
<td>Health Behavior and Technology</td>
<td>3</td>
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<tr>
<td>CHLH 470</td>
<td>Technology, Health, and Aging</td>
<td>3</td>
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Select three of the following (at least two at the 300- or 400- level):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ACE 161</td>
<td>Microcomputer Applications</td>
<td></td>
</tr>
<tr>
<td>CS 101</td>
<td>Intro Computing: Engrg &amp; Sci</td>
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<tr>
<td>CS 124</td>
<td>Introduction to Computer Science I</td>
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<td>CMN 462</td>
<td>Interpersonal Health Comm</td>
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<tr>
<td>CHLH 421</td>
<td>Health Data Analysis</td>
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<td>CHLH 494</td>
<td>Special Topics</td>
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<td>IHLT 498</td>
<td>Interdisciplinary Health Study Abroad</td>
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<tr>
<td>IS 202</td>
<td>Social Aspects Info Tech</td>
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<tr>
<td>IS 308</td>
<td>Race, Gender, and Information Technology</td>
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<tr>
<td>IS 401</td>
<td>Introduction to Network Information Systems</td>
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</tr>
<tr>
<td>IS 407</td>
<td>Introduction to Data Science</td>
<td></td>
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<tr>
<td>IS 420</td>
<td>Community Informatics</td>
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<td>KIN 365</td>
<td>Civic Engagement in Wellness</td>
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<tr>
<td>KIN 460</td>
<td>Technology &amp; Pedagogical KINES</td>
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<td>KIN 474</td>
<td>Tech-Driven Health Intervention</td>
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<td>LING 270</td>
<td>Language, Technology &amp; Society</td>
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<tr>
<td>STAT 200</td>
<td>Statistical Analysis</td>
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</tr>
<tr>
<td>STAT 212</td>
<td>Biostatistics</td>
<td></td>
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</tbody>
</table>

**Total Hours** 21

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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
Public Health, MPH
Community Health: Health Planning & Administration, BS
Minors
Community Health, BS and Public Health, MPH
Community Health, PhD
Rehabilitation, MS
Disability Studies
Community Health, BS
Public Health
optional concentrations
Majors
Public Health, MPH & Community Health, PhD
optional concentrations
optional concentrations
Kinesiology
Kinesiology, BS
Community Health: Rehabilitation Studies, BS
Health Administration
Community Health, MS
Epidemiology, MPH
Interdisciplinary Aging
Interdisciplinary Health Sciences, BS and Public Health, MPH
Interdisciplinary Health Sciences: Health Education & Promotion, BS
Community Health: Health Planning & Administration, BS
Community Health: Rehabilitation Studies, BS
Kinesiology, BS (p. 1)
Kinesiology, BS and Epidemiology, MPH
Kinesiology, BS and Public Health, MPH
Community Health: Teacher Certification, BS
Health Technology, Interdisciplinary
Interdisciplinary Health Sciences, BS
Health Technology, MS
Health Technology, PhD
Graduate Programs
Kinesiology, BS and Epidemiology, MPH
Health Technology, Interdisciplinary
Interdisciplinary Health Sciences: Health Technology, BS
Interdisciplinary Health Sciences, BS
Health Administration, MHA
Community Health, MS
Health Technology, MS
Kinesiology, MS
Kinesiology, PhD
Rehabilitation, MS
Public Health, MPH
Joint Programs
Public Health, MPH & Community Health, PhD
Public Health, MPH & Food Science & Human Nutrition, PhD
Information listed in this catalog is current as of 12/2022
• Public Health, MPH & Kinesiology, PhD (http://catalog.illinois.edu/graduate/ahs/joint-degree/public-health-mpkinesiology-phd/)
• Public Health, MPH & Nutritional Science, PhD (http://catalog.illinois.edu/graduate/aces_ahs/nutritional-science-phd-public-health-mph/)
• Public Health, MPH & Social Work, PhD (http://catalog.illinois.edu/graduate/ahs_socw/joint-degree/public-health-mpsocial-work-phd/)
• Public Health, MPH & Urban Planning, MUP (http://catalog.illinois.edu/graduate/ahs_faa/joint-degree/public-health-mpurban-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/)