

New Proposal

Date Submitted: 04/20/22 1:36 pm

Viewing: : **Interdisciplinary Health Sciences: Health Technology, BS**

Last edit: 04/20/22 1:36 pm

Changes proposed by: Kristi Carlson

In Workflow

1. **U Program Review**
2. **1581 Committee Chair**
3. **1581 Head**
4. **KY Committee Chair**
5. **KY Dean**
6. **University Librarian**
7. **Provost**
8. **Senate EPC**
9. Senate
10. U Senate Conf
11. Board of Trustees
12. IBHE
13. HLC
14. DMI

Approval Path

1. 04/20/22 2:38 pm
Deb Forgacs
(dforgacs):
Approved for U Program Review
2. 04/20/22 3:32 pm
Kristi Carlson
(carlso1):
Approved for 1581 Committee Chair
3. 04/20/22 3:38 pm
Kim Graber
(kgraber):
Approved for 1581 Head
4. 04/20/22 3:55 pm
Robbin King
(rlking10):
Approved for KY Committee Chair
5. 04/20/22 3:56 pm
Robbin King

- (rlking10):
Approved for KY
Dean
- 6. 04/20/22 4:02 pm
John Wilkin
(jpwilkin):
Approved for
University
Librarian
- 7. 04/21/22 2:02 pm
Kathy Martensen
(kmartens):
Approved for
Provost

Proposal Type

Proposal Type:
Concentration (ex. Dietetics)

Administration Details

Official Program Name	Interdisciplinary Health Sciences: Health Technology, BS	
Sponsor College	Applied Health Sciences	
Sponsor Department	Kinesiology and Community Health	
Sponsor Name	Amelia Mays Woods	
Sponsor Email	amywoods@illinois.edu	
College Contact	Kristi Carlson	College Contact Email
	carlo1@illinois.edu	
College Budget Officer	Liz Clawson	
College Budget Officer Email	clawson@illinois.edu	

List the role for rollbacks (which role will edit the proposal on questions from EPC, e.g., Dept Head or Initiator) and/or any additional stakeholders. *Purpose: List here who will do the editing work if proposal needs rolled back. And any other stakeholders.*

Kristi Carlson (carlo1@illinois.edu) will address all rollbacks.

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Fall 2022

Term

Provide a brief, concise description (not justification) of your proposal.

We propose to add a new concentration in Health Technology for the Interdisciplinary Health Science (I-Health) major. There are currently three concentrations (Health and Aging, Health Behavior Change, and Health Diversity); the proposed will result in a total of four concentrations. All I-Health majors are required to select and complete coursework for a concentration.

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Provide a **brief** justification of the program, including highlights of the program objectives, and the careers, occupations, or further educational opportunities for which the program will prepare graduates, when appropriate.

Many societal factors have converged to create a vital need for an academic response to the health care crisis. Health technology for consumers is increasing rapidly, through forcing functions such as: (a) transitions to home healthcare; (b) an increasing aging population; (c) more people living with chronic conditions and/or disabilities; (d) rapidly emerging technologies used in this domain (apps, smart phones, robotics, wearables); and (e) lower cost of technology components leading to broader availability. Consumer health technologies have tremendous potential that is not yet being met.

While we have not conducted a market analysis to gauge official interest in the proposed concentration, KCH has a relatively new MS in Health Technology which is well enrolled. Additionally, the I-Health advisors have indicated strong student interest in a health technology concentration.

No overlap with existing programs is noted. As stated above, we do offer a MS in Health Technology, however, that is restricted to graduate students who are admitted to the program. The proposed concentration will provide a strong foundation in the area of Health Technology, but not as extensively as the MS in Health Technology will. Students will gain foundational knowledge in health technology, introductory computer programming, and human factors through the required coursework.

In comparison, the MS in Health Technology program is much more focused and robust, and will provide students with a more advanced understanding of health technology. While the HT concentration in IHLT will examine introductory concepts related to health technology from multiple perspectives (due to the interdisciplinary nature of the program), this program will immerse students in the world of health technology and will educate the next generation of Health Technology Professionals in the development, testing, and use of technologies that promote health, rehabilitation, mitigate disability, and improve independence and quality of life. The proposed concentration will serve and prepare undergraduate students at a basic level, and could potentially attract students to the MS in Health Technology upon graduation.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects impacted by the creation/revision of this program?

No

Program Regulation and Assessment

Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning. (Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable).

There is no required licensure or certification in this field. The coursework for the Health Technology concentration in I-Health will prepare students to look at health care more holistically and draw from the knowledge of several other fields to develop innovative new solutions to health-related problems, with an emphasis on technology.

Program Learning Objectives – 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

Student learning will be assessed in a variety of ways, some of which include, student course grades, ICES evaluations, and student feedback. Passing course grades will signify student's achievement of learning objectives, and can provide insight on whether or not students are acquiring the necessary content to meet program objectives. While student grades do provide information for individual students, they can also be examined more holistically, to identify any emerging trends. For example, if it is shown that a large percentage of students are not able to pass a course, this is a clear indication that students are not acquiring the content that is necessary to meet program objectives. Student feedback, gained through the ICES forms, will also provide valuable information regarding student's opinions on the quality of the courses, and the degree to which they feel they are being prepared to work within the field of health technology. As consumers of the program, it is important to consider students' opinions of the effectiveness of the program.

In addition, IHLT faculty members will conduct an annual assessment as part of the learning outcomes assessment required by the University. This will allow faculty members to gather information related to specifically identified learning outcomes, and the degree to which these outcomes are being met throughout the program. The assessment results will be used to improve course offerings and any areas of weakness that are identified throughout the assessment. Upon graduation, students from I-Health will be invited to provide additional feedback through a more extensive survey that will address strengths and potential areas of concern. Findings will ultimately inform future directions of the Health Technology concentration, as well as the other three concentrations. Additionally, all I-Health students will be invited to be part of a College registry list for follow-up assessments related to the impact of their chosen concentrations on their careers.

Is the career/profession for graduates of this program regulated by the State of Illinois?

No

Program of Study

"Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: <https://www.ibhe.org/assets/files/PrivateAdminRules2017.pdf>). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

For new programs, attach Program of Study

- [Health Technology Concentration Program of Study.pdf](#)
- [LOS - STAT.pdf](#)
- [LOS - LING.pdf](#)
- [LOS - IS.pdf](#)
- [LOS - CMN.pdf](#)
- [LOS - ACE.pdf](#)

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

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.

Statement for Programs of Study Catalog

Course List

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

Code	Title	Hours
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

Program Relationships

Corresponding

Program(s):

Corresponding Program(s)

Interdisciplinary Health Sciences, BS

Program Features

Academic Level Undergraduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Additional concentration notes (e.g., estimated enrollment, advising plans, etc.)

It is estimated that approximately 75 students will enroll in the new concentration, however, this is a guess. Currently, there are 489 students enrolled in I-Health, 80 of whom are enrolled in the Health and Aging concentration, 116 of whom are in Health Behavior Change, 118 of whom are in Health Diversity, and 175 of whom have not yet selected a concentration. As you can see from these numbers, many who are already enrolled in the major, but have not yet selected a concentration, may opt for the proposed concentration of Health Technology. Others will continue to pursue one of the existing concentrations, which should result in a fairly even number in each.

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Enrollment

Number of Students in Program (estimate)

Year One Estimate

75

5th Year Estimate (or when

Budget

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

It is not anticipated that new faculty will be required based solely on the new concentration. We do eventually envision the hire of an additional faculty member to teach in the I-Health major, regardless of whether or not an additional concentration is offered. This hire would not be for a new position, but would fill a position that was vacated in late 2020. The current program director of I-Health is a faculty member who is serving in an interim role. When this position is permanently filled, that new faculty member/program director would also teach within the I-Health major.

This new concentration will likely result in larger, yet still manageable, classes. Of course, I-Health majors with the health technology concentration will be taking classes in other units, as well. All other potentially impacted units have expressed their support of this proposal, with the understanding that it could result in larger classes (see attached letters of support).

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

There are no foreseen budgetary implications to the proposed concentration that will require additional financial support. At present, the number of faculty in the Department of Kinesiology and Community Health is sufficient to handle anticipated demand.

Will the unit need to seek campus or other external resources?

No

Attach letters of support

Resource Implications

Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?

No

Technology

Will the program need additional technology beyond what is currently available for the unit?

No

Non-Technical Resources

Will the program

require additional supplies, services or equipment (non-technical)?

No

Resources

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.

There are no foreseen implications to the proposed concentration that will require additional faculty resources. All I-Health majors are required to select and complete coursework for a concentration; this proposal will simply offer students an additional concentration from which to choose. At present, the number of faculty in the Department of Kinesiology and Community Health is sufficient to handle anticipated class sizes, teaching loads, and advising duties. As indicated previously, it is anticipated that a permanent program director will be hired, however, this is not a new position, and will simply fill a previously-existing position that is currently being filled by an interim director.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

There is no anticipated impact on library resources as current collections and services are sufficient to support this new concentration.

EP Documentation

EP Control Number EP.22.108

Attach Rollback/Approval Notices [ep22108_questions_to_and_response_from_sponsor_20220224.pdf](#)

This proposal requires HLC inquiry Yes

DMI Documentation

Attach Final

Approval Notices

Banner/Codebook
Name

Program Code:

Minor Code	Conc Code	Degree Code	Major Code
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Senate Approval
Date

Senate
Conference
Approval Date

BOT Approval
Date

IBHE Approval
Date

HLC Approval
Date

Effective Date:

Attached
Document
Justification for
this request

Program Reviewer
Comments

Deb Forgacs (dforgacs) (10/07/21 2:54 pm): Rollback: requested.

Reggie Alston (alston) (11/17/21 7:43 pm): Is an enrollment of 75 realistic for year one of the concentration. Also, explain how you can add 75 students without budgetary implications (e.g., additional faculty and staff for advising and instruction).

Suiwen Zou (szou) (11/18/21 1:14 pm): It may be better to specify the other three concentrations for I-Health major in the proposal description in the section of proposal title. Was there any study examining undergraduate student (at least current I-Health students) interests in health technology to better justify the new concentration?

Justin Aronoff (jaronoff) (11/19/21 1:25 am): Are you anticipating that students from this concentration will come from your existing concentrations or are you anticipating new students to the degree program? Also, please specify the current enrollment across all concentrations. Additionally, some of the courses in the specified electives list are more than 3 hours, potentially resulting in students taking as many as 12 credit hours of specified electives with three courses, and this should be noted.

Reggie Alston (alston) (11/19/21 12:57 pm): Rollback: Hi Kristi, Please review the committee's comments below. A particular concern was the suggestion that the new concentration would have no budgetary impact. Also, it is not clear where you are finding 75 students. Are they coming from the other three concentrations? If yes, what does that mean for those other concentrations. Please give the names of the existing

three concentrations in the proposal justification or proposal title section. Lastly, was a market analysis done to support the fourth concentration? How do you know it is desired by students? Is the 75 just a guesstimate? The committee wants to reviews this proposal again before I can approve it for forwarding to central campus. They are very curious about how no impact is possible (e.g., class size). Thanks.

Kristi Carlson (carlso1) (02/08/22 2:42 pm): All comments/questions raised by the AHS committee have been addressed throughout the proposal. It was mentioned that it should be noted that some of the elective courses are more than 3 credit hours, which could result in students enrolling in 12 hours of electives. The proposed plan of study states that a minimum of 9 hours of electives are required, so it is implied that the actual number could exceed that.

Justin Aronoff (jaronoff) (02/11/22 11:32 am): I still have concerns that it appears that this proposal would add around 75 students to KIN 201, CHLH 203, CHLH 441, and CHLH 470, which seems like a substantial number, while potentially removing a much smaller number of students from other courses that they would otherwise be distributed across. At minimum, this would seem to require extra resources for TAs (if these are currently large classes).

Barbara Lehman (bjlehman) (02/24/22 11:26 am): Rollback: Rollback: See attached EP documentation.

Kristi Carlson (carlso1) (04/14/22 3:37 pm): Questions/comments from EP have been addressed in the proposal (justification has been revised, program objectives have been added, and program assessment has been revised). With regard to the question on enrollment numbers, there won't be an increase in students that will require additional faculty or teaching assistants. As stated in the proposal, a large portion of IHLT students have not yet identified a concentration. These students will be enrolling in the courses in question, regardless of which concentration they choose, and have thus already been accounted for. Additional students who join the concentration can be accommodated by the existing faculty, as the current class sizes are small enough to allow for additional students.

John Wilkin (jpwilkin) (04/15/22 3:24 pm): Rollback: Particularly with a new concentration, we need a more explicit characterization of the relationship to library resources. Are the current collections (online and print) adequate to support the program? Are our services (e.g., subject specialists) aligned with the needs? You may be in a position to assess this, and, in that case, please note that "Current collections and services are sufficient to support this new concentration." If not, we can have a library faculty member work with you to make an assessment.

Robbin King (rlking10) (04/20/22 8:53 am): Rollback: Rolling back by request of Kristi. RLK

Carlson, Kristin Nicole

From: Fox, Sean
Sent: Thursday, October 28, 2021 12:37 PM
To: Carlson, Kristin Nicole
Cc: Finnegan, Ann Butler; Endres, Bryan; Lo, Alexander C; Burnett, Meghan Lea
Subject: RE: Request from IHLH - Course Elective Approval

Dear Dr. Carlson

I have reviewed the request to include ACE 161 within the list of approved electives for the Interdisciplinary Health Sciences (I-Health/IHLH) proposed concentration in Health Technology.

On behalf of the Department of Agricultural & Consumer Economics, I approve the request.

Best wishes,
Sean Fox

John A. (Sean) Fox, Professor and Head
Dept. of Agricultural & Consumer Economics
University of Illinois, Ph: 217-300-5356
<http://ace.illinois.edu/>

From: Carlson, Kristin Nicole <carlso1@illinois.edu>
Sent: Thursday, October 28, 2021 12:26 PM
To: Fox, Sean <seanfox@illinois.edu>
Subject: Request from IHLH - Course Elective Approval

Dear Dr. Fox,

I hope this e-mail finds you well.

My name is Kristi Carlson and I am a faculty member and the Assistant Department Head in Kinesiology and Community Health. Within our department, we offer a degree program in Interdisciplinary Health Sciences (I-Health/IHLH). Our program currently offers concentrations in Health & Aging, Health Behavior Change, and Health Diversity. We are hoping to add a fourth concentration in Health Technology, and are in the process of proposing this concentration.

Within this concentration, we will require students to enroll in 9 hours of electives from a list of approved courses, many of which are housed in different departments across campus. As such, I am reaching out to obtain your approval to allow enrollment of I-Health students in ACE 161, as well as allowing us to count this course as an optional correlates/electives, for our students.

If you are supportive of this request, I will need email or a letter from you or someone in your program approving the listing of your course in the IHLH supporting electives for the Health Technology concentration. We will include this information in the CIM proposal that will be submitted for approval.

A suggestion of text can be something as simple as, "I have reviewed the request to include ACE 161 within the list of approved electives for the IHLH concentration in Health Technology, and on behalf of the department, I approve this request."

Carlson, Kristin Nicole

From: Knox, Emily Joyce Magdelyn
Sent: Monday, November 1, 2021 10:32 AM
To: Carlson, Kristin Nicole
Subject: IHLH - Course Elective Approval

Dear, Kristi,

I have reviewed the request to include IS 202, IS 308, IS 401, IS 407, and IS 420 within the list of approved electives for the IHLH concentration in Health Technology, and on behalf of the School of Information Sciences, I approve this request.

Emily

EMILY JOYCE MAGDELYN KNOX

*Associate Professor
Interim Associate Dean for Academic Affairs
Director of Graduate Studies*

University of Illinois at Urbana-Champaign
School of Information Sciences
112 LIS | M/C 493
Champaign, IL 61820
217.300.0212 | knox@illinois.edu
emilyknox.net



Under the Illinois Freedom of Information Act any written communication to or from university employees regarding university business is a public record and may be subject to public disclosure.

From: [Caughlin, John Patrick](#)
To: [Carlson, Kristin Nicole](#)
Subject: Re: Request from IHLH - Course Elective Approval
Date: Monday, November 15, 2021 4:21:13 PM

Dear Dr. Carlson,
Yes, that is fine. We have no objections to that.
John

From: Carlson, Kristin Nicole <carlso1@illinois.edu>
Sent: Monday, November 15, 2021 10:38 AM
To: Caughlin, John Patrick <caughlin@illinois.edu>
Subject: FW: Request from IHLH - Course Elective Approval

Dear Dr. Caughlin,

I apologize for another email, but I was hoping to follow up on the request I made previously, to include CMN 462 as an optional elective for students enrolled in our health technology concentration. If you have any information you can provide, I would really appreciate it. Thanks for your time!

Best,
Kristi Carlson

Kristi Carlson, Ph.D.

Assistant Department Head
Teaching Assistant Professor
Department of Kinesiology & Community Health
215 Freer Hall
906 S. Goodwin Ave.
Urbana, IL 61801
217-300-0488
carlso1@illinois.edu

From: Carlson, Kristin Nicole
Sent: Thursday, October 28, 2021 12:39 PM
To: Caughlin, John Patrick <caughlin@illinois.edu>
Subject: Request from IHLH - Course Elective Approval

Dear Dr. Caughlin,

I hope this e-mail finds you well.

My name is Kristi Carlson and I am a faculty member and the Assistant Department Head in Kinesiology and Community Health. Within our department, we offer a degree program in Interdisciplinary Health Sciences (I-Health/IHLH). Our program currently offers concentrations in

Health & Aging, Health Behavior Change, and Health Diversity. We are hoping to add a fourth concentration in Health Technology, and are in the process of proposing this concentration.

Within this concentration, we will require students to enroll in 9 hours of electives from a list of approved courses, many of which are housed in different departments across campus. As such, I am reaching out to obtain your approval to allow enrollment of I-Health students in CMN 462, as well as allowing us to count this course as an optional correlates/electives, for our students.

If you are supportive of this request, I will need email or a letter from you or someone in your program approving the listing of your course in the IHLH supporting electives for the Health Technology concentration. We will include this information in the CIM proposal that will be submitted for approval.

A suggestion of text can be something as simple as, "I have reviewed the request to include CMN 462 within the list of approved electives for the IHLH concentration in Health Technology, and on behalf of the department, I approve this request."

You may send me your approval in writing via this email to:

carlso1@illinois.edu

Or via a letter addressed to:

Kristi Carlson

Assistant Department Head
Department of Kinesiology & Community Health
906 S. Goodwin Ave
117 Freer Hall MC-052
Urbana, IL 61801

Thank you very much for taking the time and consideration. If you have any questions, please do not hesitate to reach out to me. In addition, if this request should go to someone else, please let me know, or feel free to forward, and copy me.

All the best,
Kristi Carlson

Kristi Carlson, Ph.D.

Teaching Assistant Professor
215 Freer Hall
906 S. Goodwin Ave.
Urbana, IL 61801
217-300-0488
carlso1@illinois.edu

Carlson, Kristin Nicole

From: Yoon, James
Sent: Monday, November 15, 2021 10:38 AM
To: Carlson, Kristin Nicole; Bhatt, Rakesh Mohan
Subject: RE: Request from IHLH - Course Elective Approval

Kristi,

Linguistics is happy to endorse the proposal to include LING 270 in the Health Technology Concentration.

James Hye Suk Yoon
Professor and Head
Department of Linguistics
University of Illinois, Urbana-Champaign

From: Carlson, Kristin Nicole <carlso1@illinois.edu>
Sent: Monday, November 15, 2021 10:36 AM
To: Yoon, James <jyoon@illinois.edu>; Bhatt, Rakesh Mohan <rbhatt@illinois.edu>
Subject: FW: Request from IHLH - Course Elective Approval

Dr. Drs. Yoon and Bhatt,

I apologize for another email, but I was hoping to follow up on the request I made previously, to include LING 270 as an optional elective for students enrolled in our health technology concentration. If you have any information you can provide, I would really appreciate it. Thanks for your time!

Best,
Kristi Carlson

Kristi Carlson, Ph.D.
Assistant Department Head
Teaching Assistant Professor
Department of Kinesiology & Community Health
215 Freer Hall
906 S. Goodwin Ave.
Urbana, IL 61801
217-300-0488
carlso1@illinois.edu

From: Carlson, Kristin Nicole
Sent: Thursday, October 28, 2021 12:51 PM
To: Bhatt, Rakesh Mohan <rbhatt@illinois.edu>; Yoon, James <jyoon@illinois.edu>
Subject: Request from IHLH - Course Elective Approval

Dear Drs. Yoon and Bhatt,

I hope this e-mail finds you well.

Carlson, Kristin Nicole

From: Li, Bo
Sent: Thursday, October 28, 2021 1:26 PM
To: Carlson, Kristin Nicole
Subject: Re: Request from IHLH - Course Elective Approval

Dear Krisit,

We support your request. Thank you.

I would also like to point out that we now have Stat 107 and Stat 207, more data science oriented intro stat courses. You may consider those for your future programs.

Best,
Bo

From: "Carlson, Kristin Nicole" <carlso1@illinois.edu>
Date: Thursday, October 28, 2021 at 12:55 PM
To: "Li, Bo" <libo@illinois.edu>
Subject: Request from IHLH - Course Elective Approval

Dear Dr. Li,

I hope this e-mail finds you well.

My name is Kristi Carlson and I am a faculty member and the Assistant Department Head in Kinesiology and Community Health. Within our department, we offer a degree program in Interdisciplinary Health Sciences (I-Health/IHLH). Our program currently offers concentrations in Health & Aging, Health Behavior Change, and Health Diversity. We are hoping to add a fourth concentration in Health Technology, and are in the process of proposing this concentration.

Within this concentration, we will require students to enroll in 9 hours of electives from a list of approved courses, many of which are housed in different departments across campus. As such, I am reaching out to obtain your approval to allow enrollment of I-Health students in the following courses, as well as allowing us to count these courses as optional correlates/electives, for our students.

STAT 200 – Statistical Analysis
STAT 212 – Biostatistics

If you are supportive of this request, I will need email or a letter from you or someone in your program approving the listing of your courses in the IHLH supporting electives for the Health Technology concentration. We will include this information in the CIM proposal that will be submitted for approval.

A suggestion of text can be something as simple as, "I have reviewed the request to include STAT 200 and STAT 212 within the list of approved electives for the IHLH concentration in Health Technology, and on behalf of the department, I approve this request."

You may send me your approval in writing via this email to:
carlso1@illinois.edu

Interdisciplinary Health Sciences
Health Technology Concentration

DRAFT

Potential Required Classes (all required)

12 credit hours

KIN 201: Physical Activity Research Methods **or** CHLH 201: Public Health Research Methods (3 hours)

CHLH 203: Introduction to Health Technology (3 hours)

CHLH 441: Health Behavior and Technology (3 hours)

CHLH 470: Technology, Health, and Aging (3 hours)

Potential Elective Classes (select three of the following (at least two at the 300-400 level)

9 credit hours minimum

CHLH 421: Health Data Analysis (3 credits)

CHLH 494: Special Topics (1-4 credits – must focus on health technology)

KIN 365: Civic Engagement in Wellness (3 credits)

KIN 460: Technology and Pedagogical Kinesiology (3 credits)

KIN 474: Tech Driven Health Intervention (3 credits)

IHLT 498: Interdisciplinary Health Study Abroad (1-6 credits)

ACE 161: Microcomputer Applications (3 credits)

CS 101: Intro Computing Engrg & Sci (3 credits)

CS 124: Intro to Computer Science I (3 credits)

CMN 462: Interpersonal Health Communication (3 credits)

PSYC 358 or IE 340: Human Factors (4 credits)

IS 202: Social Aspects of Information Technology (3 credits)

IS 308: Race, Gender and Information Technology (3 credits)

IS 401: Introduction to Network Information Systems (4 credits)

IS 407: Introduction to Data Science (4 credits)

IS 420: Community Informatics (3 credits)

LING 270: Language, Technology and Society (3 credits)

STAT 200: Statistical Analysis (3 credits)

STAT 212: Biostatistics (3 credits)

Total credit hours: 21 minimum

From: [Carlson, Kristin Nicole](#)
To: [Amos, Jenny](#); [Woods, Amelia Mays](#)
Cc: [Lehman, Barbara J](#)
Subject: RE: Questions about EP.22.108 - Interdisciplinary Health Sciences: Health Technology
Date: Thursday, February 24, 2022 11:14:40 AM
Attachments: [image001.png](#)

Hi Jenny,

Thanks for those comments; they are very helpful. Amy and I will work together to address them and get the proposal resubmitted. If you could please roll it back to me, we will get to work. Thanks!

Best,
Kristi

Kristi Carlson, Ph.D.

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From: Amos, Jenny <jamos@illinois.edu>
Sent: Thursday, February 24, 2022 8:48 AM
To: Woods, Amelia Mays <amywoods@illinois.edu>; Carlson, Kristin Nicole <carlso1@illinois.edu>
Cc: Lehman, Barbara J <bjlehman@illinois.edu>
Subject: Questions about EP.22.108 - Interdisciplinary Health Sciences: Health Technology

Hello Amy and Kristi,

I am the subcommittee chair for the Education Policy Committee of the Senate and I am in charge of leading review and approval of your proposal through our process. During review of your proposal, my subcommittee had two items we wanted to see addressed:

1. During review, we noticed that we can still see internal comments in CIM-P. Do you want those to be a part of the permanent record? We also note that the last comment from Justin was not addressed, yet the proposal was moved forward. Can you please address this comment?

Justin Aronoff (jaronoff) (02/11/22 11:32 am): I still have concerns that it appears that this proposal would add around 75 students to KIN 201, CHLH 203, CHLH 441, and CHLH 470, which seems like a substantial number, while potentially removing a much smaller number of students from other courses that they would otherwise be distributed across. At minimum, this would seem to require extra resources for TAs (if these are currently large classes).

2. In the Program Regulation and Assessment section, the sponsor is asked to list the program's learning objectives. We did not see that listing anywhere. We were also confused by the sentence "In order to assess student learning, student course grades, ICES evaluations and student feedback will be evaluated." ICES do not evaluate student learning. Additionally, course grades assess learning for individual students, not programs. Can you please address how feedback, grades, and ICES relate to individual learning objectives and provide an assessment plan that you will use to conduct program review?

We also have a comment for your consideration. In the program justification, it would be stronger if you would describe the value difference in this undergraduate concentration versus the master's program for students in the health field. Since you didn't do a market analysis, it is unclear if this new concentration would deter students from needing the master's degree.

It looks like you want this rolled back to Kristi Carlson but I wanted to double check before Barb Lehman rolls it back.

Best,

JENNY AMOS, PHD (she/her)
Teaching Professor
Laura Hahn Faculty Scholar
Director, Master of Engineering in Bioengineering

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Biomedical and Translational Sciences | Carle Illinois College of Medicine
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