

# 2013-2014 LONG SIGNATURE SHEET



UNC CHARLOTTE

Proposal Number: SIS-03-27-14

Proposal Title: HCIP 6392: Enterprise Health Information Systems

Originating Department: Software and Information Systems (ITIS)

TYPE OF PROPOSAL: UNDERGRADUATE \_\_\_\_\_ GRADUATE X UNDERGRADUATE & GRADUATE \_\_\_\_\_  
 (Separate proposals sent to UCCC and Grad. Council)

| DATE RECEIVED | DATE CONSIDERED | DATE FORWARDED | ACTION   | SIGNATURES  |
|---------------|-----------------|----------------|----------|---|
| 04/03/2014    | 04/03/2014      | 04/08/2014     | Approved | <u>DEPARTMENT CHAIR</u><br><br>[Mary Lou Maher]   |
| 04/08/2014    | 04/14/2014      | 04/15/2014     | Approved | <u>COLLEGE CURRICULUM COMMITTEE CHAIR</u><br><br>[Srinivas Akella]                            |
| 04/15/2014    | 04/16/2014      | 04/23/2014     | Approved | <u>COLLEGE FACULTY CHAIR (if applicable)</u><br><br>[Kalpathi R. Subramanian]                 |
| 04/23/2014    | 04/23/2014      | 04/23/2014     | Approved | <u>COLLEGE DEAN</u><br><br>[Yi Deng]  |
|               |                 |                | Approved | <u>GENERAL EDUCATION</u><br>(if applicable; for General Education courses)<br><br>[N/A]       |
|               |                 |                | Approved | <u>UNDERGRADUATE COURSE &amp; CURRICULUM COMMITTEE CHAIR</u> (for undergraduate courses only) |
| 4-23-14       | 5-6-14          | 6-9-14         | Approved | <u>GRADUATE COUNCIL CHAIR</u><br>(for graduate courses only)<br><br>ALAN R. FREITAG           |
|               |                 |                |          | <u>FACULTY GOVERNANCE ASSISTANT</u><br>(Faculty Council approval on Consent Calendar)         |
|               |                 |                |          | <u>FACULTY EXECUTIVE COMMITTEE</u><br>(if decision is appealed)                               |



# UNC CHARLOTTE

## LONG FORM COURSE AND CURRICULUM PROPOSAL

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\*To: Graduate Council Chair

From: Software and Information Systems Department

Date: March 27, 2014

Re: HCIP 6392: Enterprise Health Information Systems

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The Long Form is used for major curriculum changes. Examples of major changes can include: creation of a new major, creation of a new minor, creation of a new area of concentration, or significant changes (more than 50%) to an existing program (Note: changing the name of an academic department does not automatically change the name(s) of the degree(s). The requests must be approved separately by the Board of Governors.)

Submission of this Long Form indicates review and assessment of the proposed curriculum changes at the department and collegiate level either separately or as part of ongoing assessment efforts.

\*Proposals for undergraduate courses should be sent to the Undergraduate Course and Curriculum Committee Chair. Proposals related to both undergraduate and graduate courses, (e.g., courses co-listed at both levels) must be sent to both the Undergraduate Course and Curriculum Committee and the Graduate Council.

**New Graduate Course and Curriculum Proposal from: Department of Software and Information Systems**

**Title: Enterprise Health Information Systems**

**A. PROPOSAL SUMMARY.**

**1. SUMMARY**

The Department of Software and Information Systems proposes to add a new course, HCIP 6392 Enterprise Health Information Systems, designed to provide graduate students with a comprehensive overview of information technology systems and applications commonly found in healthcare organizations, including relevant regulations, laws, standards, history, and design and development principles (e.g., security and privacy). This course is intended for students enrolled in the Health Informatics Professional Science Master's degree program and the graduate certificate for Healthcare IT.

**B. JUSTIFICATION**

1. Identify the need addressed by the proposal and explain how the proposed action meets the need.

The Health Informatics Professional Science Master's degree program requires a minimum of 35-38 graduate credit hours: 3-6 credit hours of Foundation courses, 11 credit hours of Core courses, 3 credit hours of Core elective courses, 15 credit hours of concentration-focus courses, and 3 credit hours of Internship/Practicum. The proposed course of Enterprise Health Information Systems will serve as one of concentration-focus courses, to meet the needs of students in both Data Science and Analytics, and Business of Healthcare concentrations.

2. Discuss prerequisites/corequisites for course(s) including class-standing.

The prerequisite for this course is: HCIP 5375 Computer Vocabularies and Programming Systems or HCIP 5370 Health Vocabularies and Classification Systems.

3. Demonstrate that course numbering is consistent with the level of academic advancement of students for whom it is intended.

The course is intended for graduate students who (1) are already in the Health Informatics Professional Master's degree program or the graduate certificate for Healthcare IT; (2) have completed one or two foundation courses and one core

course. It does not require prior educational background in information technology, computer science, or information systems.

4. In general, how will this proposal improve the scope, quality and/or efficiency of programs and/or instruction?

This course is designed to provide students with a comprehensive overview of information technology systems and applications commonly found in healthcare organizations, including relevant regulations, laws, standards, history, and design and development principles (e.g., security and privacy). As one of concentration-focus courses, this course is very helpful for students in both Data Science and Analytics, and Business of Healthcare concentrations who want to land a job in healthcare IT in future.

- C. IMPACT.** Changes to courses and curricula often have impacts both within the proposing department as well as campus-wide. What effect will this proposal have on existing courses and curricula, students, and other departments/units? Submit an Impact Statement that fully addresses how you have assessed potential impacts and what the impacts of this proposal might be. Consider the following:

1. What group(s) of students will be served by this proposal? (Undergraduate and/or graduate; majors and/or non-majors, others? Explain). Describe how you determine which students will be served.

This course will serve students enrolled in the Health Informatics Professional Science Master's degree program and the graduate certificate for Healthcare IT. Most of them are working adults with backgrounds in health or computing, as well as those who may be interested in transitioning to the growing field of healthcare IT. This course will be offered in the evenings and in flexible and pragmatic formats that support both full and part time students.

2. What effect will this proposal have on existing courses and curricula?
  - a. When and how often will added course(s) be taught?

HCIP 6392 Enterprise Health Information Systems will be taught every spring semester.

- b. How will the content and/or frequency of offering of other courses be affected?

There should be no impact on the content or frequency of offering of other courses.

- c. What is the anticipated enrollment in course(s) added (for credit and auditors)?

The anticipated enrollment would be about 20 students for credit.

- d. How will enrollment in other courses be affected? How did you determine this?

This course is dedicated to the health informatics professional science master's program started in 2012, and thus is expected to attract a new cohort of students who would not otherwise take existing classes at UNC Charlotte. Consequently, no existing courses would be adversely affected.

- e. Identify other areas of catalog copy that would be affected, including within other departments and colleges (e.g., curriculum outlines, requirements for the degree, prerequisites, articulation agreements, etc.)

Not applicable.

### **III. RESOURCES REQUIRED TO SUPPORT PROPOSAL.**

When added resources are not required, indicate "none". For items which require "none" explain how this determination was made.

- A. **PERSONNEL.** Specify requirements for new faculty, part-time teaching, student assistants and/or increased load on present faculty. List by name qualified faculty members interested in teaching the course(s).

No new faculty is required in order to offer this course. It may be advantageous to hire part time faculty with industrial experience to teach some classes and student assistants to grade homework assignment and lab exercises. Faculty qualified to teach this course include Dr. Mirsad Hadzikadic, Dr. Yaorong Ge and Dr. Lixia Yao from the Department of Software and Information Systems.

- B. **PHYSICAL FACILITY.** Is adequate space available for this course?

The College of Computing and Informatics (CCI) has adequate space and basic hardware and software infrastructure needed to cover this course.

- C. **EQUIPMENT AND SUPPLIES:** Has funding been allocated for any special equipment or supplies needed?

No additional equipment or supplies are needed for the proposed course.

- D. **COMPUTER.** Specify any computer usage (beyond Moodle) required by students and/or faculty, and include an assessment of the adequacy of software/computing resources by available for the course(s).

A computer laboratory on campus and personal computers of students will suffice as a computational platform for this course. Special educational software provided by vendors will be needed at the cost of about \$65 per student per semester.

- E. **AUDIO-VISUAL.** If there are requirements for audio-visual facilities beyond the standard classroom podiums, please list those here.

Current facilities are adequate to support this course.

- F. **OTHER RESOURCES.** Specify and estimate cost of other new/added resources required, e.g., travel, communication, printing and binding.

Printing for lecture notes, lab exercises, quizzes, and exams should be under 200 pages per student.

- G. **SOURCE OF FUNDING.** Indicate source(s) of funding for new/additional resources required to support this proposal.

None needed.

#### IV. CONSULTATION WITH THE LIBRARY AND OTHER DEPARTMENTS OR UNITS

- A. **LIBRARY CONSULTATION.** Indicate written consultation with the Library Reference Staff at the departmental level to ensure that library holdings are adequate to support the proposal prior to its leaving the department. (Attach copy of [\*Consultation on Library Holdings\*](#)).

Consultation was completed on 04-01-2014 (see Attachment A).

- B. **CONSULTATION WITH OTHER DEPARTMENTS OR UNITS.** List departments/units consulted in writing regarding all elements outlined in IIC: Impact Statement, including dates consulted. Summarize results of consultation and attach correspondence. Provide information on voting and dissenting opinions (if applicable).

Endorsement from the Department of Computer Science and Bioinformatics was obtained on 04-08-2014. Endorsement from the Bioinformatics Department was obtained on 04-01-2014, with a minor suggestion of adding “security” in the course description (adopted). *Endorsement from College of Health and Human Services and the Program Director for Health Informatics was completed on June 2nd, 2014.* (see Attachment D)

#### V. INITIATION, ATTACHMENTS AND CONSIDERATION OF THE PROPOSAL

- A. **ORIGINATING UNIT.** Briefly summarize action on the proposal in the originating unit including information on voting and dissenting opinions.

Approved by the Department of Software and Information Systems on 04-03-2014, with 6 out of 6 votes and no dissenting opinions.

**B. CREDIT HOUR. (Mandatory if new and/or revised course in proposal)**

Review statement and check box once completed:

- The appropriate faculty committee has reviewed the course outline/syllabus and has determined that the assignments are sufficient to meet the University definition of a [credit hour](#).

**C. ATTACHMENTS.**

1. CONSULTATION: Attach relevant documentation of consultations with other units.
  - *Consultation on Library Holdings attached*
2. COURSE OUTLINE/SYLLABUS: For undergraduate courses attach course outline(s) including basic topics to be covered and suggested textbooks and reference materials with dates of publication. For Graduate Courses attach a course syllabus. Please see [Boiler Plate for Syllabi for New/Revised Graduate Courses](#).
  - *course syllabus attached*
3. PROPOSED CATALOG COPY: Copy should be provided for all courses in the proposal. Include current subject prefixes and course numbers, full titles, credit hours, prerequisites and/or corequisites, concise descriptions, and an indication of when the courses are to be offered as to semesters and day/evening/weekend. Copy and paste the [current catalog copy](#) and use the Microsoft Word "track changes" feature (or use **red text with "striethrough"** formatting for text to be deleted, and adding **blue text with "underline"** formatting for text to be added).

a. For a new course or revisions to an existing course, check all the statements that apply:

\_\_\_ This course will be cross listed with another course.

X There are prerequisites for this course.

\_\_\_ There are corequisites for this course.

\_\_\_ This course is repeatable for credit.

\_\_\_ This course will increase/decrease the number of credits hours currently offered by its program.

\_\_\_ This proposal results in the deletion of an existing course(s) from the degree program and/or catalog.

For all items checked above, applicable statements and content must be reflected in the proposed catalog copy.

- *Current catalog copy attached*

b. If overall proposal is for a new degree program that requires approval from General Administration, please

contact the [facultygovernance@uncc.edu](mailto:facultygovernance@uncc.edu) for consultation on catalog copy.

4. ACADEMIC PLAN OF STUDY (UNDERGRADUATE ONLY): Does the proposed change impact an [existing Academic Plan of Study](#)?
- Yes. If yes, please provide updated Academic Plan of Study in template format.
- No.
5. STUDENT LEARNING OUTCOMES (UNDERGRADUATE & GRADUATE): Does this course or curricular change require a change in Student Learning Outcomes (SLOs) or assessment for the degree program?
- Yes. If yes, please provide updated SLOs in template format.
- No.
6. TEXTBOOK COSTS: It is the policy of the Board of Governors to reduce textbook costs for students whenever possible. Have electronic textbooks, textbook rentals, or the buyback program been considered and adopted?
- Yes. Briefly explain below.
- There is no electronic version of the textbooks available yet. Textbook rentals or the buyback program should be available through the bookstore.
- No. Briefly explain below.

**IMPORTANT NOTE:** A Microsoft Word version of the final course and curriculum proposal should be sent to [facultygovernance@uncc.edu](mailto:facultygovernance@uncc.edu) upon approval by the Undergraduate Course and Curriculum Committee and/or Graduate Council chair.



**Attachment A: Consultation on Library Holdings**



J. Murrey Atkins Library

**Consultation on Library Holdings**

**To: Dr. Lixia Yao**  
**From: Dr. Melanie Sorrell**  
**Date: 03/31/2014**  
**Subject: HCIP 6392 - Enterprise Health Information Systems**

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**Summary of Librarian's Evaluation of Holdings:**

**Evaluator: Dr. Melanie Sorrell      Date: 03/31/2014**

**Check One:**

- 1. Holdings are superior \_\_\_\_\_
- 2. Holdings are adequate \_\_\_\_\_ **x**
- 3. Holdings are adequate only if Dept. purchases additional items. \_\_\_\_\_
- 4. Holdings are inadequate \_\_\_\_\_

**Comments:**

This is a proposal for a new graduate level course, which includes one term project. Library holdings should be adequate to support student research for this course (see list of items held by

| <b>LC Subject Heading</b>                                | <b>Total items held</b> |
|--|-------------------------|
| Information storage and retrieval systems – Medical care | 46 monographs           |
| Medical informatics                                      | 301 monographs          |
| Information systems                                      | 3,798 monographs        |
| Medicine – information technology                        | 30 monographs           |
| Information resources management                         | 527 monographs          |

subject heading below). Students will have access to relevant databases including IEEE Xplore, Compexend, PubMed, Springer Link, and the ACM Digital Library.

|   |               |
|---|---------------|
| Journal of the American Medical Informatics Association | Journal title |
| Information Security                                    | Journal title |

Melanie Sorrell  
**Evaluator's Signature**

**03/31/2014**

\_\_\_\_\_  
**Date**

**Attachment B: Course syllabus**

1. Course Number and Title: HCIP 6392 Enterprise Health Information Systems
2. Course Description (Catalog Description) to include graduate credit and how often course is to be offered.

This course is designed to provide graduate students with a comprehensive overview of information technology systems and applications commonly found in healthcare organizations. Topics include (a) the history, evolution, state-of-art and issues of healthcare information systems; (b) the regulations, laws and standards applied to healthcare information systems; (c) how computer-based health information systems are designed, tested and installed in hospital and clinics of all sizes; and (d) evaluation and adoption of clinical, administrative, and specialty information technology applications for health organizations. This three-credit course will be offered every spring semester.

We will achieve the goals by lectures and discussions, laboratory exercises (on a real Health Information System), practical case studies, homework and term projects.

3. Pre- or Co-requisites  
The prerequisite for this course is HCIP 5375 Computer Vocabularies and Programming Systems, or HCIP 5370 Health Vocabularies and Classification Systems.
4. Objectives of the course:  
  
Know the basic terminology and standards of health information systems; Be aware of the history, evolution, regulations, state-of-art and issues of healthcare information systems; Understand design and development principles of health information systems; Able to evaluate and decide on new system's acquisition and adoption
5. Instructional Method: Lecture
6. Means of student evaluation:  
  
homework: 20%,  
quizzes: 20%,  
term project: 30%,

lab exercises: 20%,  
final exam: 10%

7. Specify policies that apply to this course:
- a. University integrity

Unless otherwise specified, the UNC Charlotte guidelines on Academic Integrity specified under <http://www.legal.uncc.edu/policies/ps-105.html> fully apply to all work in this course. This includes term project and exams.

- b. Attendance

Attendance is expected for lecture sessions as quizzes and lab exercises are given randomly in class (no late makeup) in a computer lab. Those of you who have a documented (with the University) learning disability that would prevent you from participating in class discussions should certainly notify me early on. Those of you who feel that your learning style is not conducive to participating in class discussion should see me no later than the end of the first week of class.

- c. Grading policy (A, B, C, Unsatisfactory and what are the requirements for these as number grades)

Final letter grades are assigned as follows (Class level scaling may be applied): A = 90% or above; B = 80% or above; C = 70% or above; and U = below 70%

- d. Additional requirements such as CPR, liability insurance, no phones or beepers in class (whatever are the requirements for that course).

The assignments are considered late if they are not submitted by the stated due date and time. If your assignment is late, you will usually have seven additional days to complete it for late credit (depending on whether anything contrary has been stated in the syllabus or assignment instructions.) Late credit equals a 20 point (or approximately a 20%) reduction to the grade you would have received. For example, if you would have received a grade of 90% for completing a particular assignment, you will receive a grade of 70%. After the 7-day extension period, late or missing homework will be graded as “zero”.

8. Probable textbooks or resources

Health care Information Systems: a practical approach for Health Care Management (3<sup>rd</sup> Edition) by Karen A. Wager, Frances Wickham Lee and John P. Glaser, 2013

9. Topical outline of course content

| Week | Topic  |
|------|--|
| 1    | Introduction to Health Care Information + Health Care Data Quality |

|    |   |
|----|---|
| 2  | Regulation, Laws, and Standards   |
| 3  | History and Federal Efforts to Promote Health Information Technology    |
| 4  | Clinical Information Systems Acquisition                                |
| 5  | System Implementation and Support                                       |
| 6  | Technologies that Support Health Care Information Systems               |
| 7  | Security of Health Care Information Systems                             |
| 8  | Health Care Information System Standards                                |
| 9  | Organizing Information Technology Services                              |
| 10 | IT Alignment and Strategic Planning                                     |
| 11 | IT Governance and Management  |
| 12 | Assessing and Achieving Value in Health Care Information Systems        |
| 13 | Health IT Leadership: A Compendium of Case studies + Final presentation |
| 14 | Final exam  |

10. Attachments - Attach course materials following the format presented above (items 1-9). If both graduate and undergraduate versions of this course are to be offered, evidence of the differences required for graduate students and undergraduate students must be submitted to both the Undergraduate Course & Curriculum Committee and the Graduate Council.

N/A

### **Attachment C: Proposed Catalog Copy**

**HCIP 6392. Enterprise Health Information Systems. (3)** Prerequisite: Enrollment in the PSM in Health Informatics or Graduate Certificate in HI plus completion of either HCIP 5375 Computer Vocabularies and Programming Systems, or HCIP 5370 Health Vocabularies and Classification Systems. This course is designed to provide graduate students with a comprehensive overview of information technology systems and applications commonly found in healthcare organizations. Topics includes (a) the history, evolution, state-of-art and issues of healthcare information systems; (b) the regulations, laws and standards applied to healthcare information systems; (c) the design and development principles (e.g., security and privacy) of health information systems; and (d) evaluation and adoption of clinical, administrative, and specialty information technology applications for health organizations of all sizes. (*Spring Evenings*)

## Attachment D: Consultation feedback from other departments

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**Subject:** Re: consultation for a new graduate course HCIP 6392  
**Date:** Monday, March 31, 2014 at 22:44:58 Eastern Daylight Time  
**From:** Mays, Larry  
**To:** Yao, Lixia, Ribarsky, William  
**CC:** Zheng, Yuliang

Dear Lixia,

Our committee has reviewed your proposal and enthusiastically endorses it, as do I. The only suggestion, and I emphasize this is only a suggestion, is that you might want to include the word "security" somewhere in the course description, since this is an important part of the topic.

Best wishes,  
Larry

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**From:** <Yao>, Lixia <[L.Yao@uncc.edu](mailto:L.Yao@uncc.edu)>  
**Date:** Monday, March 31, 2014 at 10:54 AM  
**To:** Lawrence Mays <[lemays@uncc.edu](mailto:lemays@uncc.edu)>, "Ribarsky, William" <[ribarsky@uncc.edu](mailto:ribarsky@uncc.edu)>  
**Cc:** "Zheng, Yuliang" <[yzheng@uncc.edu](mailto:yzheng@uncc.edu)>  
**Subject:** consultation for a new graduate course HCIP 6392

Dear Larry and Bill,

I would like to consult with you and your graduate committee to complete the long form request for a new graduate course, Enterprise Health Information Systems, as part of Health Informatics PSM curriculum. This course has been assigned a course number, HCIP 6392. Prof. Yaorong Ge and I are teaching this course for first time this semester. But we still need to complete the long form to make it official.

I don't know who are in charge of the graduate committee in your departments. Can you please share this request with them too? I would be very grateful to hear your feedback by Friday.

Thank you very much,

-Lixia

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Lixia Yao, PhD | Assistant Professor  
UNC Charlotte | Dept. of Software & Information Systems  
9201 University City Blvd. Charlotte, NC 28223  
Office: Woodward Hall 333-D  
Phone: 704-687-8769 | Fax: 704-687-1652  
[lyao@uncc.edu](mailto:lyao@uncc.edu) | <http://cciweb.uncc.edu/~lyao1>

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Tuesday, April 15, 2014 at 16:15:48 Eastern Daylight Time

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**Subject:** RE: long+short forms from SIS  
**Date:** Tuesday, April 8, 2014 at 11:46:52 Eastern Daylight Time  
**From:** Ribarsky, William  
**To:** Yao, Lixia

Lixia,  
The committee approved yesterday. Sorry for the delay.  
Bill

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Dr. William Ribarsky  
Bank of America Endowed Chair in Information Technology  
Chair, Computer Science Department  
Director, Charlotte Visualization Center  
College of Computing and Informatics  
University of North Carolina at Charlotte  
[www.viscenter.uncc.edu](http://www.viscenter.uncc.edu)

-----Original Message-----

From: Yao, Lixia  
Sent: Tuesday, April 08, 2014 10:22 AM  
To: Ribarsky, William  
Cc: Zheng, Yuliang; Akella, Srinivas  
Subject: FW: long+short forms from SIS

Dear Bill,

Can you please help me to check with the CS graduate committee again?  
Now my department has approved the long form.

Thank you very much,

-Lixia

Revised 11/20/13  
OAA/mjw

Friday, June 6, 2014 at 15:28:51 Eastern Daylight Time

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**Subject:** RE: Revisions requested to long form graduate proposal SIS 03-27-14: HCIP 6392 Enterprise Health Information Systems  
**Date:** Monday, June 2, 2014 at 10:56:48 Eastern Daylight Time  
**From:** Laditka, Sarah  
**To:** Hertel, Joshua, Moore, Michael, Sell, Susan, Ge, Yaorong, Janies, Daniel  
**CC:** Yao, Lixia, Hadzikadic, Mirsad

Good morning,

I support this proposal too.

Best,  
Sarah

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**From:** Hertel, Joshua  
**Sent:** Wednesday, May 28, 2014 9:44 AM  
**To:** Laditka, Sarah; Moore, Michael; Sell, Susan; Ge, Yaorong; Janies, Daniel  
**Cc:** Yao, Lixia; Hadzikadic, Mirsad  
**Subject:** FW: Revisions requested to long form graduate proposal SIS 03-27-14: HCIP 6392 Enterprise Health Information Systems

Good Morning All,

It has been a some time since the last meeting of the Health Informatics Curriculum Committee, largely because there has not been enough to justify a full agenda. I do have an important request for the committee. Dr. Lixia Yao put together an excellent long form proposal for one of our new courses- HCIP 6392 Enterprise Health Systems. The Graduate Council reviewed the proposal and approved it with minor revisions. They also point out an important oversight on my part- we did not consult with our colleagues in CHHS. They Council is not asking for a full review, just a process by which both Colleges have input in the creation of new courses. They have recommended review by the Curriculum Committee. What I would ask of you is to review the attached proposal and *reply all* to this email with questions, comments and if you support the proposal. I will forward the decision of the committee to Alan Freitag and Dean Reynolds.

Thank you all.

Josh

**Joshua Hertel**  
Director of the Graduate Center  
Program Director [Health Informatics PSM](#)  
Director of Student Services [Data Science and Business Analytics Program](#)  
The Graduate School  
UNC Charlotte | Denny 213  
9201 University City Blvd. | Charlotte, NC 28223  
Phone: 704-687-8763 | Fax: 704-687-1668

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**From:** Parks, Annette  
**Sent:** Tuesday, May 27, 2014 3:46 PM  
**To:** Yao, Lixia  
**Cc:** Akella, Srinivas; Subramanian, KR; Freitag, Alan; Hertel, Joshua; Ribarsky, William; Maher, Mary  
**Subject:** Revisions requested to long form graduate proposal SIS 03-27-14: HCIP 6392 Enterprise Health Information Systems

Revised 11/20/13  
OAA/mjw



Friday, June 6, 2014 at 15:30:53 Eastern Daylight Time

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**Subject:** RE: Revisions requested to long form graduate proposal SIS 03-27-14: HCIP 6392 Enterprise Health Information Systems

**Date:** Monday, June 2, 2014 at 10:48:50 Eastern Daylight Time

**From:** Moore, Michael

**To:** Ge, Yaorong, Hertel, Joshua

**CC:** Laditka, Sarah, Sell, Susan, Janies, Daniel, Yao, Lixia, Hadzikadic, Mirsad

I support the proposal.

---

Michael W. Moore, Ph.D.

Executive Director  
Academic Technology

College of Health and Human Services  
University of North Carolina at Charlotte  
9201 University City Blvd.  
Charlotte, NC 28223-0001  
Office: (704) 687-7883  
Fax: (704) 687-3180  
michael.moore@uncc.edu

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**From:** Ge, Yaorong  
**Sent:** Wednesday, May 28, 2014 10:59 AM  
**To:** Hertel, Joshua  
**Cc:** Laditka, Sarah; Moore, Michael; Sell, Susan; Janies, Daniel; Yao, Lixia; Hadzikadic, Mirsad  
**Subject:** Re: Revisions requested to long form graduate proposal SIS 03-27-14: HCIP 6392 Enterprise Health Information Systems

I support the proposal.

---Yaorong

On May 28, 2014, at 9:44 AM, "Hertel, Joshua" <[jhertel@uncc.edu](mailto:jhertel@uncc.edu)> wrote:

Good Morning All,

It has been a some time since the last meeting of the Health Informatics Curriculum Committee, largely because there has not been enough to justify a full agenda. I do have an important request for the committee. Dr. Lixia Yao put together an excellent long form proposal for one of our new courses- HCIP 6392 Enterprise Health Systems. The Graduate Council reviewed the proposal and approved it with minor revisions. They also point out an important oversight on my part- we did not consult with our colleagues in CHHS. They Council is not asking for a full review, just a process by which both Colleges have input in the creation of new courses. They have recommended review by the Curriculum Committee. What I would ask of you is to review the attached proposal and *reply all* to this email with questions, comments and if you support the proposal. I will forward the decision of the committee to Alan Freitag and Dean Reynolds.

Thank you all.

Revised 11/20/13  
OAA/mjw