

Date Submitted: 04/06/23 6:06 pm

Viewing: **10KS5695PHD : Information Sciences, PhD**

Last approved: 09/07/22 11:21 am

Last edit: 08/23/23 8:43 am

Changes proposed by: Ted Underwood

Information Sciences, PhD

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. U Program Review
2. 1992 Head
3. LP Grad Committee Chair
4. LP Committee Chair
5. LP Dean
6. University Librarian
7. Grad_College
8. COTE Programs
9. Provost
10. Senate EPC
11. Senate
12. U Senate Conf
13. Board of Trustees
14. IBHE
15. HLC
16. DOE
17. DMI

Approval Path

1. 04/10/23 8:50 am
Deb Forgacs
(dforgacs):
Approved for U
Program Review
2. 04/10/23 9:53 am
Ted Underwood
(tunder):
Approved for 1992
Head
3. 04/13/23 1:43 pm
Melissa Newell
(menewell):
Approved for LP
Grad Committee
Chair
4. 04/13/23 5:07 pm
Melissa Newell
(menewell):

- Approved for LP
Committee Chair
5. 04/13/23 6:01 pm
Ted Underwood
(tunder):
Approved for LP
Dean
6. 04/14/23 2:17 pm
Chris Prom
(prom): Approved
for University
Librarian
7. 05/03/23 2:58 pm
Allison McKinney
(agrindly):
Approved for
Grad_College
8. 05/03/23 3:13 pm
Brenda Clevenger
(bmclvngr):
Approved for
COTE Programs
9. 08/23/23 8:34 am
Brooke Newell
(bsnewell):
Approved for
Provost

History

1. Feb 7, 2019 by
Deb Forgacs
(dforgacs)
2. Jun 19, 2019 by
Deb Forgacs
(dforgacs)
3. Dec 20, 2019 by
Dustin Janes
(djanes3)
4. Jan 6, 2020 by
Kathy Martensen
(kmartens)
5. May 10, 2021 by
Emily Knox (knox)
6. Sep 7, 2022 by
Mary Lowry
(lowry)

Major (ex. Special Education)

This proposal is
for a:
Revision

Administration Details

Official Program Name Information Sciences, PhD

Diploma Title

Sponsor College Information Science, School of

Sponsor Department Information Sciences

Sponsor Name [Ted Underwood](#)

Sponsor Email tunder@illinois.edu

College Contact [Ted Underwood](#)

College Contact
Email

tunder@illinois.edu

College Budget
Officer

College Budget
Officer Email

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.

[Ted Underwood, LP Dean](#)

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term Fall 2023

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberals Art and Sciences, include the Graduate College for Grad Programs)

Revise the Doctor of Philosophy in Information Sciences in the School of Information Science and the Graduate College

Does this proposal have any related proposals that will also be revised during the next 6 weeks? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently. Example: If you are revising the BS proposal and one related concentration within the next 6 weeks, "This BS proposal (key 567) is related to the Concentration A proposal (key 145)."

no

Program Justification

Provide a brief description of what changes are being made to the program.

Changes to the Doctoral Program in the School of Information Sciences, including Reduction of PhD Elective Hours; Additional of Required Course IS 529; Removal of Writing Concentration.

The overall number of PhD elective credit hours reduced from 36 to 18 for both those that enter with a BS and an MS. The composition of these credit hours remains the same in regards to the "Research/Project/Independent Study Hours 16 hour maximum" to count towards the 18 PhD elective hours.

Formally adding IS 529 ProSeminar as a required course. This course is to be taken in a student's first fall and spring semester. The course is one (1) credit hour, for a total of increasing the required credit hours by two (2).

Removing the Writing Concentration. To clarify - this currently does have a transcribed concentration (Writing Studies- floating) however we have contacted the unit to remove this concentration as an option. As such, the Program Features, Does this major have transcribed concentrations? will be accurate once Writing Studies revision to remove it is approved.

Did the program content change 25% or more in relation to the total credit hours, since the 2020-2021 catalog. (<http://catalog.illinois.edu/archivedacademiccatalogs/2020-2021/>)

No

Why are these changes necessary?

When benchmarking the other 90 PhD programs at UIUC, the PhD in Information Sciences credit hour requirements were not in alignment. Of the 90 programs, only 6 other programs required above the 64 hr minimum outlined by Graduate College. The reduction of elective hours brings us into alignment with University practices.

This change was particularly desirable for students who enter with only a Bachelors. Adding in additional required coursework, they were previously required to take 112 credit hours, a very high number. The reduction of elective credit hours brings them down to 96 required hours, which again is more in keeping with other University doctoral programs.

The ProSeminar course was developed in response to requests expressed by PhD students for more shared experiences early in their program. It has been piloted since FA 2017 and has been so successful that we want to require taking it twice.

We are removing the Writing Concentration because there has been no record of a student attempting or completing this concentration since its addition as an optional concentration to our PhD degree program in fall of 2007.

The 509 and 519 requirements are not new; those requirements already exist, although the numbers are left vague in the catalog, and this version specifies them. As a result we don't think this change alters more than 25% of total credit hours. It reduces the total number of required credit hours by 16, but that's not quite 25% of the previous program, which would have been 20 hours.

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?

Yes

Please describe:

We are removing an optional Writing Concentration that has never been used. Communication with the Writing Studies program is attached. Note that they are probably unaware of the existence of this concentration, since to the best of our knowledge it has never been used since it was created in 2007.

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

No

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

No

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

List the program's student learning outcomes. Each outcome should identify what students are expected to know and/or be able to do upon completing this program.

These are unchanged by this review. They include

1. Understanding the history and present state of Information Science.
2. In-depth mastery of a particular field of Information Science and
3. Making a substantial, sustained contribution to the student's chosen field through dissertation research **Unchanged**

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

All doctoral students receive annual reviews and the PhD coordinator is directed to prepare a summary of opportunities or challenges revealed in the reviews. The Doctoral Study Committee meets regularly to review students' pace of progress toward completion as well as learning outcomes realized through internships, conference presentations, and publications. Doctoral students are represented on the DSC, but the School also holds town halls where students can discuss learning opportunities and obstacles.

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Full comprehension of the history and present state of Information Science is assessed through completion of two required courses: History of Information Science and Research Design in Information Science.

In-depth mastery of a particular field of Information Science is assessed primarily through successful passage of the field exam.

Passing the prelim exam and dissertation defense confirms that the student has made a substantial research contribution to their chosen field.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

As explained above, all students are reviewed annually and the reviews are summarized. Faculty are also intimately involved in field exams, prelims, and dissertation defenses, and the Doctoral Study Committee reflects on patterns seen in those assessments.

Program

[RemovingTheWritingConcentrationInOurPhD.pdf](#)

Description and

[InformationSciencesPhDWritingStudiesConcentration.pdf](#)

Requirements

Attach Documents

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/PublicAdminRules2017.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.

Revised programs [ISPhDSideBySide.xlsx](#)

Attach a revised Sample Sequence (for undergraduate program) or college-level forms.

Catalog Page Text - Overview Tab

Description of program for 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.

Major: Information Management Degree Offered: M.S.

Major: Library and Information Science Degrees Offered: M.S., C.A.S. Graduate Concentrations: Digital Libraries (C.A.S. only)

Major: Bioinformatics Degree Offered: M.S. Graduate Concentration: Library and Information Science

Major: Information Sciences Degree Offered: Ph.D. Graduate Concentration: Writing Studies

Online Programs Degrees Offered: M.S., C.A.S. Graduate Concentration: Digital Libraries (C.A.S. only) Information Management: M.S. Library and Information Science: M.S., C.A.S.

Joint Degree Programs: Library and Information Science and African Studies; Library and Information Science and History; Library and Information Science and Russian, East European, and Eurasian Studies Degrees offered: M.S. and M.A.

Statement for Programs of Study Catalog

Entering with approved MS/MA degree

Course List

Code	Title	Hours
IS 509	History and Foundations of Information Science	4
IS 519	Research Design in Information Science	4
	Additional Methods Course	4
	Research methods (min 8)	8
	Electives	20-36
	Research/Project/Independent Study Hours (16 max applied toward degree)	0-16
IS 529	Doctoral ProSeminar (taken twice for 1hr each time)	2
	PhD Electives	18
	Research/Project/Independent Study Hours (16 hrs max applied toward degree)	
	Non-IS Courses (16 hrs max counted toward degree)	
IS 599	Thesis Research (32 hrs min applied toward degree)	32

Code	Title	Hours
Total Hours		64

Other Requirements ~~Entering with approved BS/BA degree~~ Other Requirements

Grad Other Degree Requirements

Requirement	Description
Other requirements may overlap	
Minimum Hours Required Within the Unit:	20 hours of IS coursework
A minimum of two years in residence is required to complete the necessary coursework; an additional year or more, preferably in residence, is required for the thesis.	
Qualifying Exam Required	Yes
Preliminary Exam Required	Yes
Final Exam/Dissertation Defense Required	Yes
Dissertation Deposit Required	Yes
Minimum GPA:	3.25

Entering with approved BS/BA degree

Course List

Code	Title	Hours
<u>IS 509</u>	<u>History and Foundations of Information Science</u>	<u>4</u>
<u>IS 519</u>	<u>Research Design in Information Science</u>	<u>4</u>
<u>IS 529</u>	<u>Doctoral ProSeminar (taken twice for 1hr each time)</u>	<u>2</u>
Additional Methods Course		4
Research methods (min 8)		8
M.S. equivalent (IS and non-IS hrs)		32
Electives		18
Research/Project/Independent Study Hours (16 max applied toward degree)		0-16
<u>Non-IS coursework (16 hrs max applied towards degree)</u>		
<u>Research/Project/Independent Study Hours (16 max hrs applied toward degree)</u>		
<u>IS 599</u>	Thesis Research (32 min hrs applied toward degree)	32
Total Hours		96

Other Requirements

Grad Other Degree Requirements

Requirement	Description
Other requirements may overlap	
Minimum Hours Required Within the Unit:	20 hours of IS coursework
A minimum of two years in residence is required to complete the necessary coursework; an additional year or more, preferably in residence, is required for the thesis.	
Qualifying Exam Required	Yes
Preliminary Exam Required	Yes
Final Exam/Dissertation Defense Required	Yes
Dissertation Deposit Required	Yes
Minimum GPA:	3.25

Corresponding Degree PhD Doctor of Philosophy

Program Features

Academic Level Graduate

Does this major have transcribed concentrations? No

What is the typical time to completion of this program?
5 years

What are the minimum Total Credit Hours required for this program?
64 ~~80~~

What is the required GPA? 3.25

CIP Code 11.0401 - 11.0401

Is This a Teacher Certification Program?
No

Will specialized accreditation be sought for this program?
No

Delivery Method

This program is available:

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

Admission Requirements

Desired Effective Admissions Term

Is this revision a change to the admission status of the program?

No

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Unchanged

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

We do not anticipate a significant effect on enrollment or degrees awarded. The effect is that students will complete coursework faster and have more time to work on their dissertation. Time to degree may slightly decrease, but admissions will adjust to keep enrollment relatively unaffected.

Students currently in the program will be affected and some may find they have already completed coursework and are eligible to proceed to exams.

Estimated Annual Number of Degrees Awarded

Year One Estimate

5th Year Estimate (or when fully implemented)

What is the matriculation term for this program? Fall

Budget

Are there budgetary implications for this revision? No

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

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

The proposal will not increase expenditures. If anything, reducing the number of required credit hours to conform more closely to other programs at UIUC will reduce the burden on both students and faculty, freeing up time for other goals.

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

No

Attach letters of support

What tuition rate do you expect to charge for this program? e.g, Undergraduate Base Tuition, or Engineering Differential, or Social Work Online (no dollar amounts necessary)

Are you seeking a change in the tuition rate or differential for this program?

No

Is this program requesting self-supporting status?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

Because we currently require more credit hours than other programs, doctoral students typically ask faculty to supervise multiple independent studies. This pressure on faculty resources will be slightly reduced. Class size may also be slightly reduced, but that effect may be inconsequential since the program is also continuing to grow at a modest pace.

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.

Library collections, resources and services are sufficient to support this program revision

EP Documentation

EP Control Number EP.24.003

Attach Rollback/Approval Notices

This proposal requires HLC inquiry No

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name PHD:Information Sciences -UIUC

Program Code: 10KS5695PHD

Minor Conc Degree PHD Major

Code Code Code Code 5695

Senate Approval
Date

Senate
Conference
Approval Date

BOT Approval
Date

IBHE Approval
Date

HLC Approval
Date

DOE Approval
Date

Effective Date:

Attached
Document
Justification for
this request

Program Reviewer **Brooke Newell (bsnewell) (03/27/23 3:53 pm):** Rollback: Email sent to Ted
Comments