: DESIGN FOR RESPONSIBLE INNOVATION, PHD

In Workflow

1. U Program Review (dforgacs@illinois.edu; eastuby@illinois.edu; aledward@illinois.edu; mhazen@illinois.edu)
2. 1526 Head (mpokorny@illinois.edu)
3. KR Dean (nicturn@illinois.edu; mmedward@illinois.edu)
4. University Librarian (jpwilkin@illinois.edu)
5. Grad_College (agrindly@illinois.edu; lowry@illinois.edu)
6. Provost (kmartens@illinois.edu; mhazen@illinois.edu)
7. Senate EPC (bjlehman@illinois.edu; moorhouz@illinois.edu; kmartens@illinois.edu)
8. Senate (jtempel@illinois.edu)
9. U Senate Conf (none)
10. Board of Trustees (none)
11. IBHE (none)
12. DMI (eastuby@illinois.edu; aledward@illinois.edu; dforgacs@illinois.edu)

Approval Path

1. Thu, 08 Apr 2021 18:36:28 GMT
   Deb Forgacs (dforgacs): Approved for U Program Review
2. Thu, 08 Apr 2021 18:41:20 GMT
   Melissa Pokorny (mpokorny): Approved for 1526 Head
3. Thu, 06 May 2021 19:45:05 GMT
   Nicole Turner (nicturn): Approved for KR Dean
4. Thu, 06 May 2021 19:50:02 GMT
   John Wilkin (jpwilkin): Approved for University Librarian
5. Wed, 29 Sep 2021 13:42:28 GMT
   Allison McKinney (agrindly): Approved for Grad_College
6. Wed, 29 Sep 2021 14:36:01 GMT
   Kathy Martensen (kmartens): Approved for Provost
7. Mon, 25 Oct 2021 15:53:53 GMT
   Barbara Lehman (bjlehman): Rollback to KR Dean for Senate EPC
8. Thu, 28 Oct 2021 02:03:03 GMT
   Nicole Turner (nicturn): Approved for KR Dean
9. Thu, 28 Oct 2021 02:17:35 GMT
   John Wilkin (jpwilkin): Approved for University Librarian
10. Fri, 29 Oct 2021 16:28:55 GMT
    Allison McKinney (agrindly): Approved for Grad_College
11. Fri, 29 Oct 2021 20:38:24 GMT
    Kathy Martensen (kmartens): Approved for Provost

New Proposal

Date Submitted:Thu, 08 Apr 2021 15:21:10 GMT

Viewing:: Design for Responsible Innovation, PhD

Changes proposed by: Melissa Pokorny

Proposal Type

Proposal Type:

Major (ex. Special Education)

Administration Details

Official Program Name

Design for Responsible Innovation, PhD

Sponsor College

Fine & Applied Arts

Sponsor Department

Art and Design

Sponsor Name

Alan Mette

Sponsor Email

amette@illinois.edu

College Contact

Nicole Turner

College Contact Email

nicturn@illinois.edu

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term

Fall 2022

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

Establish a new PhD in Design for Responsible Innovation, in the School of Art + Design, College of Fine and Applied Arts

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.

Program Description: The PhD in Design for Responsible Innovation is a degree to provide theory and skills in design research. It is intended for Masters graduates from Design and other disciplines. It is a three-year, full-time program for students who want to engage in creating and contributing to new knowledge through design research focused on developing objective, fair, nonpartisan and sustainable design actions, especially with regard to issues of contemporary debate such as environmental conservation, ethics, justice, equity, culture, and identity (Salamanca & Briggs, 2021). The degree would be based on a combination of two new courses, two existing courses, and a dissertation project (example curriculum attached). We initially anticipate approximately 3-5 new students per year.

Program Justification: The purpose of this degree is to fulfill the growing need for a PhD degree in Design at an international level. So far the MFA in Design has been considered the terminal degree in the academic field within the US. The implementation of this general PhD in Design for Responsible Innovation (DRI) aligns the University of Illinois with educational and academic standards abroad. There is a market for this degree for students who have an interest in design research that extends beyond what they will have been able to receive in Masters programs.

Dissertation topics in DRI are likely to be individualized and multi-disciplinary that could draw coursework from a number of departments, such as other areas from within FAA, such as Urban & Regional Planning and Landscape Architecture, or in collaboration with the School of Information Sciences or Department Sociology. This is a small program and the coursework for the degree will involve the student and advisor working together to develop a customized program of study.

On the job market, the PhD degree is expected to provide them with a competitive edge, either in academia, the public sector or in industry, especially on strategic or management levels. The greatest demand is expected from domestic students who have previously completed graduate studies in design or in other generative disciplines, such as computer science, engineering, architecture, landscape architecture, and health.

The program is also expected to attract international students with governmental funding packages, which are available from specific countries and continents abroad, for instance from Latin America, where there is a deficit of doctoral researchers in all fields, and governments are eager to financially support citizens to study abroad.

Last but not least, only with a PhD degree are academics competitive in applying for grants through NSF and NIH, since the terminal MFA is not generally considered a sufficiently robust research degree outside the discipline.

NOTE: 4 course revisions are proposed alongside this proposal (see attachments for ARTD 510, 511, 551, 570) which incorporate responsible innovation into the titles and course descriptions and enable PhD students to enroll in the courses, while clarifying repeatability.

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?

Yes

Explain how the inclusion or removal of the courses/subjects listed above impacts the offering departments.

We expect the PhD DRI students to supplement their courses from the department with other courses relevant to their research topic.

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).

The assessment plan for the PhD DRI builds on the assessment plan for the MFA DRI. It is based on four major learning outcomes (questions).

Question 1: How do the students locate relevant literature, assess its quality, and use it to inform their own research trajectories?
Student Learning Outcome: Demonstrate familiarity with the design research literature relevant to their topic
Sources/Methods for acquiring evidence: End of term review, thesis defense, conference papers and presentations, publications
Timeline: Accomplished by creating new required course ARTD570 Design Research Methodology—sought and received Provost approval for the new course name and description in AY2019. First offered Spring 2019. Also, developed Graphic Design LibGuide in consultation with research librarians at Ricker Library and a Design Research LibGuide in consultation with librarian Melody Allison at Funk ACES Library.

Question 2: Can the students adequately distinguish among the different kinds of prototypes – production, research, and provocation – and explain when each is useful?
Student Learning Outcome: Create prototypes for research purposes
Sources/Methods for acquiring evidence: End of term review, thesis defense, conference papers and presentations, publications
Timeline: Accomplished by incorporating the development and implementation of iterative prototypes in the Graduate Graphic Design Studio.

Question 3: Are the students able to think in terms of how knowledge is typically created in different parts of campus, and explain how the modes are used in their own research?
Student Learning Outcome: Explain the different epistemological modes of knowledge production
Sources/Methods for acquiring evidence: End of term review
Timeline: After faculty developed a new mission statement and research tracks in responsible innovation, we developed an interactive pedagogical tool that offers a holistic approach to design research. This tool draws from a wide cross section of research domains and methodologies across campus. Faculty have co-authored a peer-reviewed conference presentation on this tool, are developing proposals for peer-reviewed conference workshops, and are conducting workshops with our MFA students.

Question 4: Are students familiar with a variety of research methods and can they provide the rationales for choosing among them?
Student Learning Outcome: Select research methods appropriate to the thesis topic
Sources/Methods for acquiring evidence: Thesis defense, conference papers and presentations, publications
Timeline: Accomplished by advising students to incorporate research methods and processes into project development and analysis in their own work, as well as the work completed in their graduate courses. Graduate students are also required to take a methodologies course (ARTD570 Design Research Methodology) that covers a variety of research methods and the implementation of them.

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

Anthropology Outreach for Acknowledgement.pdf
Sociology Acknowledgement Letter.pdf

ISchool Acknowledgement Letter.pdf
ARTD 510.pdf
ARTD 570.pdf
ARTD 551.pdf
ARTD 511.pdf
PhD DRI example curriculum v02.pdf
PhD DRI propoal responses to Senate subcommittee ALL.pdf
Landscape Arch Outreach for Acknowledgement.pdf
Urban Planning Acknowledgement Letter.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.

The University of Illinois, College of Fine and Applied Arts, School of Art and Design, Graphic Design program offers a PhD in Design for Responsible Innovation that focuses on interdisciplinary making for research and practice.

The PhD in Design for Responsible Innovation is for professionals and students who have completed previous graduate degrees in design or an adjacent discipline (minimum of 32 hours). It is a three-year, full-time program for students who want to engage in creating and contributing to new knowledge through design research focused on developing objective, fair, nonpartisan and sustainable design actions, especially with regard to issues of contemporary debate such as environmental conservation, ethics, justice, equity, culture, and identity (Salamanca & Briggs, 2021).

Students can explore responsible futures through research in traditional print media and emergent technologies including, but not limited to, data visualization, digital interaction, information design, systems thinking, and visual narrative. Student electives will be chosen in conjunction with and approved by a faculty advisor. This program prepares students to contribute to the field of design by entering into practice, academia, or both.

Statement for Programs of Study Catalog

Code	Title	Hours
ARTD 570	Design Research Methodology	4
ARTD 551	Design Research Impact	4
ARTD 510	Membership in a Design Research Team Project	4
ARTD 511	Leadership in a Design Research Team	4
Electives		16
ARTD 599	Thesis	32
Total Hours		**64**

Requirement	Description
Other requirements may overlap	
Masters Degree Required for Admission	Yes
Qualifying Exam Required	Yes
Preliminary Exam Required	Yes
Final Exam/Dissertation Defense Required	Yes
Dissertation Deposit Required	Yes
Minimum GPA:	2.75

Corresponding Degree

PhD Doctor of Philosophy

Program Features

Academic Level

Graduate

Does this major have transcripted concentrations?

No

What is the typical time to completion of this program?

3 years

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

64

What is the required GPA?

2.75

CIP Code

50.0401 - 50.0401

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Delivery Method

This program is available:

Blended - A single program in which students are required to take part of the curriculum on campus and another part in a different location or online.

Describe the use of this delivery method:

Students will be able to take some, although not necessarily all, of the courses online, as available either through Graphic Design (required courses) or other programs and departments (electives). It will also be possible to do the research hours at a distance. This is in order to accommodate students who are employed in industry or as faculty members at universities.

Institutional Context

University of Illinois at Urbana-Champaign

Describe the historical and university context of the program's development. Include a short summary of any existing program(s) upon which this program will be built.

Explain the nature and degree of overlap with existing programs and, if such overlap exists, document consultation with the impacted program's home department(s).

Discussions have taken place about creating this PhD program for more than fifteen years, but a critical mass of interested and qualified faculty members has only recently emerged. With the recent successful creation and implementation of the MFA Art + Design concentration in Design for Responsible Innovation, the time now seems right to extend the program offerings a step further, providing a path for students who have completed their Masters credentials but are still wanting to engage more deeply in knowledge creation through research.

University of Illinois

Briefly describe how this program will support the University's mission, focus and/or current priorities. Demonstrate the program's consistency with and centrality to that mission.

In general, this program is consistent with ongoing campus and college initiatives to provide integrative learning experiences around complex current societal problems, provide educational opportunities to students interested in the growing national and international community of design research, and attract international students to address global problems in their research. Specifically, it addresses Campus Strategic Plan Goal II (Provide transformative learning experiences), by providing hands-on, integrative learning experiences, as well as Goal III (Make a significant and visible societal impact), by preparing students for the societal challenges of meeting the demands for interdisciplinary design researchers.

This degree program also reflects current campus emphases on multidisciplinary systems thinking and community engagement. Finally, the 2017 FAA Strategic Plan emphasizes the increasing importance of design research for the college and university.

Admission Requirements

Desired Effective Admissions Term

Fall 2023

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.

In addition to the requirements for admission set by the University of Illinois, students will be admitted to the PhD DRI program on the basis of completion of degrees at the Bachelors and Masters levels and a statement of research interests.

Describe how critical academic functions such as admissions and student advising are managed.

Admissions will be carried out each year by the graduate program committee, using the same online system currently used for the BFA and MFA admissions. Student advising (administrative) will be provided by the graduate program chair. Student advising (research) will be the responsibility of a qualified member of the faculty.

Enrollment

Number of Students in Program (estimate)

Year One Estimate

2-3

5th Year Estimate (or when fully implemented)

3-5

Estimated Annual Number of Degrees Awarded

Year One Estimate

NA

5th Year Estimate (or when fully implemented)

6-9

What is the matriculation term for this program?

Fall

Budget

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

No

Additional Budget Information

NA

Financial Resources

How does the unit intend to financially support this proposal?

A&D provides an annual allocation of teaching assistantships for each graduate program. We will divide the allocation for Graphic Design between the MFA DRI and PhD DRI. This is the practice for the other PhD programs in the School of Art and Design (Art Education and Art History). We will also pursue additional research funding in support of the students.

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

No

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)

existing Graduate Tuition Differential for College of Fine & Applied Arts

Is this program requesting self-supporting status?

No

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.

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.

Over the past decade, student numbers in the MFA program in Design for Responsible Innovation, and previously the MFA program in Graphic Design, have not exceeded ten students across all three years (3 new student admissions per year). The additional PhD students will therefore not increase the class sizes to the extent of requiring additional sections. The two new courses will need to be staffed, and faculty advisors will need to be assigned for each PhD student, which will increase the program faculty workload somewhat. However, since several of the Graphic Design faculty currently advise students in the Informatics PhD program, it may be possible that the advising load will just shift from there to this new degree.

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.

The University Library's provisions and resources for design are sufficient to accommodate this new degree program.

Market Demand

What market indicators are driving this proposal? If similar programs exist in the state, describe how this program offers a unique opportunity for students:

As the role of the designer in the last 30 years has grown from creating either communications or products to acting as a change agent in society, the demand for appropriate graduate education has also grown. Globally, the number of PhD programs in design has grown dramatically over the past twenty years, so that by 2012 there were an estimated 100 programs worldwide. However, the USA is behind the international community. For example, Brazil alone has 12 PhD programs in design, while the USA currently has three, with another three in addition to ours being planned. Similarly, there are five national societies of design research, although there has never been one in North America. This situation is in the process of changing, with a new American network for research in design called Design As Research In the Americas (DARIA). The federal accreditation body for university design programs in the USA (NASAD), still describes the MFA as the terminal degree in design. As a result, having the PhD Design at University of Illinois will help to move our graduating students into a position of thought leadership nationally, and into a competitive position internationally.

Explain how the program will meet the needs of regional and state employers, including any state agencies, industries, research centers, or other educational institutions that expressly encouraged the program's development.
Discuss projected future employment and or additional educational opportunities for graduates of this program. Compare estimated demand with the estimated supply of graduates from this program and existing similar programs in the state. Where appropriate, provide documentation by citing data from such sources as employer surveys, current labor market analyses, and future workforce projections.
(Whenever possible, use state and national labor data, such as that from the Illinois Department of Employment Security athttp://ides.illinois.gov/**and/or the U.S. Bureau for Labor Statistics at**http://www.bls.gov/**).**

In addition, designers now work in more strategic roles than ever before, with opportunities in innovation management, experience design, the design of customer service systems, and information design, just to name a few. Professionals currently working in consulting firms or design groups within organizations all appreciate that they need additional skills in the creation of inventive knowledge, often involving projects with multidisciplinary teams. Further, students graduating from adjacent fields such as engineering, computer science, business, and library and information studies recognize that training in the process of design thinking will give them a competitive edge in entering the job market. We have identified several other programs serving the same general purpose of teaching design to graduate students from a variety of backgrounds:

Universities currently offering PhD degrees in design
Carnegie Mellon University
North Carolina State University
Institute of Design at Illinois Tech (previously Illinois Institute of Technology)

Universities with plans in place for offering PhD degrees in design
University of Michigan (Offered through the Stamps School of Art and Design)
University of Washington School of Art
University of Cincinnati

These programs indicate that other institutions have identified the need and are successfully providing programs. However, the list is sufficiently short that there is room for new entries.

What resources will be provided to assist students with job placement?

Here at Illinois, we have been advising PhD students by means of the interdisciplinary PhD program in Informatics. In the last 5 years, we have accepted 11 students through that program. It is an excellent option, and will continue to be so for some applications, but the needs of the design students are somewhat distinct from those whose primary interest is in the application of Informatics to Design, Technology, and Society--the sub-area of Informatics most often designated for the PhD students with a design background.

We also anticipate growing demand for the program as the new Siebel Center for Design comes online, and design as a field becomes better known among students across campus.

EP Documentation

EP Control Number

EP.22.024

Attach Rollback/Approval Notices

ep22024_email_to_sponsor_20211025.pdf
Landscape Arch Acknowledgement Letter_received from sponsor_20211101.pdf

This proposal requires HLC inquiry

No

DMI Documentation

Attach Final Approval Notices

FW_ Submission Confirmation_ New Degree Program Screening Form.pdf

HLC Approval Date

11/3/21

Program Reviewer Comments

Barbara Lehman (bjlehman) (Mon, 25 Oct 2021 15:53:53 GMT): Rollback: Rollback. Please see email attached under EP Documentation.

Key: 1066

From: Higher Learning Commission <changerequests@hlcommission.org>
Sent: Wednesday, November 3, 2021 10:52 AM
To: Kuntz, Kristi A <kakuntz@illinois.edu>
Subject: Submission Confirmation: New Degree Program Screening Form

Dear Kristi Kuntz,

Thank you for your submission. The information you provided is copied below for your reference. HLC staff will review the information provided and respond within two business weeks as to whether prior HLC approval of the proposed program is required.

If you have any questions, please contact changerequests@hlcommission.org.

Thank you,
Higher Learning Commission

INFORMATION SUBMITTED
First name: Kristi
Last name: Kuntz
Title: Executive Associate Provost for Academic Programs and Policies
Email address: kakuntz@illinois.edu
Institution name: 1872 - University of Illinois Urbana-Champaign - IL
Are you the Chief Executive Officer or Accreditation Liaison Officer of your institution? Yes

Program Details
Full program name: Doctor of Philosophy in Design for Responsible Innovation
Six-digit CIP code: 50.0401
Degree or nearest instructional level: **(*)**
(e.g., A.A.S., A.A., A.S., B.A., B.S., M.A., M.S., Ed.D., Ph.D., M.F.A., M.B.A., etc.) Ph.D.
Major: Design for Responsible Innovation
Other (e.g., concentrations, specializations, track or emphasis):
Total number of credit hours required for the program: 64
Is this the first program at a new instructional level? No
Does the general stipulation on your institution's ISR Report have any program limitations at the same degree level as the proposed new program? No
Does the four-digit CIP code (XX.XX) of the proposed program match the four-digit CIP code of other approved degree program(s) (not counting microcredentials or certificates) offered at the same level? No
Is this the first non-Ph.D. doctoral level program at the institution? No

Is this the first Ph.D. program at the institution? No
Is this the first nursing program at the institution? No
Does the institution currently offer an approved degree program (not counting microcredentials or certificates) with the same 2-digit CIP code (XX.) as the proposed program? Yes
Please indicate the number of credit hours in each of the following categories:

Existing or repackaged curricula: 64 (100.00%)
Revised or redesigned curricula: (0.00%)
New curricula: (0.00%)
Revised or redesigned curricula: (0.00%)
New curricula: (0.00%)
TOTAL: 64.00 (100.00%)

Will new faculty expertise or new faculty members be needed to launch this program? No
Please explain existing coverage: Courses in this program already exist and are taught by existing Art and Design Faculty for the MFA program in Design for Responsible Innovation. Enrollment in this program and previously in the MFA program in Graphic Design has not exceeded ten students across all three years. The additional students from the proposed program will therefore not necessitate creation of additional sections. Faculty advisors will need to be assigned to each PhD student, which will increase program faculty workload somewhat. However, since several of the Graphic Design faculty currently advise students in the Informatics Ph.D. program, it is also possible that the advising load will simply shift from there to the proposed degree.

Will the proposed program require a large outlay of additional funds by the institution? No

From:	Hays, David Lyle
To:	Turner, Nicole Marion Landwehr
Cc:	Ruecker, Stanley; Ruggles, D Fairchild
Subject:	Re: PhD Design for Responsible Innovation
Date:	Sunday, October 31, 2021 6:09:41 PM
Importance:	High

Hello Nicole,

Many thanks for this very helpful follow up.

I have reviewed the proposal for the new Ph.D. in Design for Responsible Innovation, and I am glad to offer approval in my capacity as Head of the Department of Landscape Architecture.

With all best wishes,

David

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Prof. David L. Hays, Brenton H. and Jean B. Wadsworth Head
Department of Landscape Architecture
University of Illinois at Urbana-Champaign
101 Temple Hoyne Buell Hall
611 E. Lorado Taft Drive, MC-620
Champaign IL 61820
dlhays@illinois.edu
217-244-8235
https://landarch.illinois.edu/faculty/david-l-hays
```

If it works for Faranak it works for me. Thanks.

From: Turner, Nicole Marion Landwehr <nicturn@illinois.edu>
Sent: Wednesday, October 27, 2021 2:17 PM
To: Miraftab, Faranak <faranak@illinois.edu>; Pendall, Rolf Joseph <rpendall@illinois.edu>
Subject: Re: Proposal for PhD in Design for Responsible Innovation

Faranak,
Yes, those would be the main concerns I think units generally consider to be of greatest importance. Thank you for the prompt review and support, I will update the Graphic Design department and upload the support letter.
Best,
Nicole

Get Outlook for iOS

From: Miraftab, Faranak <faranak@illinois.edu>
Sent: Wednesday, October 27, 2021 1:39:19 PM
To: Turner, Nicole Marion Landwehr <nicturn@illinois.edu>; Pendall, Rolf Joseph <rpendall@illinois.edu>
Subject: RE: Proposal for PhD in Design for Responsible Innovation

Nicole
If I understand right this protocol is to make sure that your degree is not competing or undermining our PhD program. If I understand right and that is why you need our check mark, pls note from my side I see no problem with your proposed PhD program and give my support.
Thanks
f.

From:	Turner, Nicole Marion Landwehr
To:	Pendall, Rolf Joseph; Miraftab, Faranak
Subject:	Acknowledgement Requested for Senate EPC feedback on PhD Design for Responsible Innovation new program proposal
Date:	Tuesday, October 26, 2021 6:35:00 PM
Attachments:	Design for Responsible Innovation, PhD.pdf
	image001.png

Department of Urban and Regional Planning
Department Head Rolf Pendall and Director of PhD Program Faranak Miraftab

Dr. Rolf Pendall and Dr. Faranak Miraftab,

I hope this e-mail finds you well. I am reaching out to obtain your acknowledgement of a new program proposal the School of Art & Design has submitted to develop a PhD in Design for Responsible Innovation.

We request your response of acknowledgement that you have reviewed this proposal and have no concerns. We will include this information in the CIM proposal to go to the EdPol/Senate for approval.

A suggestion of text can be something as simple as "I have reviewed the PhD in Design for Responsible Innovation program proposal and on behalf of the Urban and Regional Planning department, I approve the proposal." You may send via email to me at nicturn@illinois.edu.

Thank you very much for taking the time to respond. If you have any questions, please do not hesitate to reach out to me.

Sincerely,

Nicole Turner, Ph.D.
Assistant Dean for Academic Programs and International Education

College of Fine + Applied Arts
University of Illinois at Urbana-Champaign
100E Architecture Bldg, M/C 622
608 E Lorado Taft Dr | Champaign, IL 61820
217.300.2602 | nicturn@illinois.edu | faa.illinois.edu

I ILLINOIS

Department of Landscape Architecture
Department Head David Hays and PhD Program Coordinator D. Fairchild Ruggles

Dr. David Hays and Dr. D. Fairchild Ruggles,

I hope this e-mail finds you well. I am reaching out to obtain your acknowledgement of a new program proposal the School of Art & Design has submitted to develop a PhD in Design for Responsible Innovation.

We request your response of acknowledgement that you have reviewed this proposal and have no concerns. We will include this information in the CIM proposal to go to the EdPol/Senate for approval.

A suggestion of text can be something as simple as "I have reviewed the PhD in Design for Responsible Innovation program proposal and on behalf of the Landscape Architecture department, I approve the proposal." You may send via email to me at nicturn@illinois.edu.

Thank you very much for taking the time to respond. If you have any questions, please do not hesitate to reach out to me.

Sincerely,

Nicole Turner, Ph.D.
Assistant Dean for Academic Programs and International Education

College of Fine + Applied Arts
University of Illinois at Urbana-Champaign
100E Architecture Bldg, M/C 622
608 E Lorado Taft Dr | Champaign, IL 61820
217.300.2602 | nicturn@illinois.edu | faa.illinois.edu

ILLINOIS

Responses for Senate subcommittee review of the PhD DRI proposal

Senate subcommittee question	Response
The first comment is that while it is quite clear how this is a PhD program in design, it isn't clear where the "Responsible Innovation" part comes in. The program justification discusses a growing need for PhD programs in design, and the text for the overview tab discusses design, but there isn't anything about the need/role for responsible innovation.	While the program could be expanded at some future point to cover design more generally, at this time the faculty are more comfortable with a program that builds on the MFA in DRI and focuses on their shared research interests in DRI. We feel that the human-centered perspective on design has been a valuable corrective to designer-centered design, but it also relies on a biased value system that either disfavors some social groups or disregards nonhuman living agencies. So we emphasize the need to develop analytical capacity to rationalize alternative inquiry paths. In consequence, future responsible design interventions would benefit from positioning life at center stage and embracing the relational and dependent nature of human beings from a posthuman perspective. To achieve this, research methods capable of handling human-nonhuman units of analysis and allowing the examination of systemic impact in complex systems are needed.
There also doesn't seem to be anything in the coursework that focuses on responsible innovation. So, why not just call this a PhD in Design?	The answer to this question is largely political. There are several departments on campus that teach design, and we are still developing the relationships necessary for them to engage with the PhD. See course revisions for ARTD 551, 570, 510, and 511 to reflect updated course titles/descriptions/audience statements.
If it is a program on Responsible Innovation, how does that come into the curriculum? It may be through the electives, but in that case how does the program ensure that all students have some background in this area.	Some of the DRI content will come through electives, but the core classes will also focus on research projects that fall under this umbrella. Students applying to the program will also provide a statement of research interests that includes their preparation to join this intensive program. See course revisions for ARTD 551, 570, 510, and 511 to reflect updated course titles/descriptions/audience statements.
As a related question, how does the program define responsible innovation?	Here is the definition developed by the faculty:

| | "We regard design for responsible innovation as intentional action to design, reify, and maintain positive, equitable, and meaningful futures desired by sustainable networks of human and non-human actors (Salamanca, Briggs, Mercer, 2019).

In the context of the DRI model, "responsible" refers to tracing analytical and generative connections among design methods, research approaches, ethical stakes, and impacts. DRI is concerned with objective, fair, nonpartisan and sustainable design actions, especially with regard to issues of contemporary debate such as environmental conservation, ethics, justice, equity, culture, and identity (Stilgoe, Owen, & Macnaghten, 2013)."

The quote comes from: Salamanca, J., Briggs, M. (2021) Rationalizing Inquiry Paths for Responsible Design in the Context of a Global Pandemic. *Strategic Design Research Journal*. Volume 14, Number 01. |
|---|---|
| This may be a related question, but what is the role of the "specialized tracks of study"? Again, these do not seem to make it into the required coursework. Are students required to declare one of these tracks? If so, what are the requirements and how does the student fulfill them? Are these really informal areas of interest that the program is prepared to support? If so, you might think about calling them something other than "tracks of study" since that comes across as something more formal. Note: the suggested text for the overview tab is not "official," so I believe this can be edited without necessitating a rollback if you choose to do so. | The specialized tracks of study include three that represent current faculty research areas; the fourth is the option for the student to propose something else. As you say, they are probably better understood as informal areas of interest. 'we will update the academic catalog page text' to remove. |
| The proposal mentions design at an "international" level in several places. What efforts are there to address international aspects in the program and/or to recruit international students? Is the target audience international | Some of the international target audience will definitely be students in the current MFA program. For other recruitment, the faculty have professional research ties in several countries with likely candidates, including but not limited to |

students who are already in the MFA program and will continue into the PhD program?	Canada, the UK, member countries of the EU, Colombia, Chile, Brazil, and China.
The proposal says that the program is intended for Masters graduates. One possible answer to the questions above is that it is expected that these students will come from our own MFA in Design for Responsible Innovation. That would answer the question of where the Responsible Innovation content comes from. However, two of the courses for the PhD (ARTD 551 and ARTD 570) are also required for the MFA.	Students who have completed our MFA in DRI will have taken the courses on research methods (ARTD 570) and research dissemination (ARTD 551), but at the masters level. The PhD students will have additional requirements for those courses that will make it useful for those students to take them again at the higher level. See course revisions for ARTD 551 and 570 to reflect updated course titles/descriptions/audience statements/repeatability.
The document attached to the proposal "PhD in Design for Responsible Innovation_courses" says that students admitted without a masters degree will be required to take 32 additional hours of classes. Is it the intention that some students may be admitted without a masters degree and required to take additional classes? If so, this may need to be integrated into the program of study.	We wanted to provide a path for students who were coming to the program with extensive industry experience or a research background but without a masters degree. The 32 additional graduate hours would therefore be in the MFA DRI.
I suspect what we're getting hung up on is the nature of the change in the field where the MFA is being replaced with the PhD as the terminal degree.	Yes, this change is significant, but it has been coming slowly over time. The first PhD in design in the United States began in 1992, at the Institute of Design in Chicago, at a moment when these degrees were multiplying internationally. There are now more than a hundred PhD degrees in design offered worldwide, but still only three in the US. Brazil alone has twelve.

Additional Responses for Senate subcommittee review of the PhD DRI proposal

Senate subcommittee question	Response
I think the big question that has members of the committee a little stumped at this point is "where is the responsible innovation content"? Responsible innovation is not in the title or description of ARTD 550. Is "human-centered design" mentioned in the description of ARTD 570 another way of saying responsible innovation? Given the MFA and soon-to-be PhD, maybe it would be helpful to tweak this language to make it clearer.	Agreed. We will work to improve the language. See course revisions for ARTD 551, 570, 510, and 511 to reflect updated course titles/descriptions/audience statements. See updated program justification and description. See updated catalog page text.

I see the new courses ARTD 510 and 511 in CIM. Are syllabi for these courses available yet? The syllabi are not in CIM.	Nicole responded to Nolan: the syllabi for ARTD 510 and 511 are in CIM and how he could find them.
By the way, if you are going to require students to take ARTD 550 and ARTD 570 at the PhD level even if they've already taken it at the Master's level, you may need to update the courses to allow them to be repeated. This is a technical issue that Nicole or others may understand better than I do. To me, it seems like it might be easier to create new, PhD versions of the class, but that's up to you.	See course revisions for ARTD 551 and 570 to reflect updated course titles/descriptions/audience statements. Note: There is no course that is ARTD 550.
I see there is a DRI Studio class for the MFA. Was there any thought to including a version of this class in the PhD curriculum? With "MFA" in the title it seems unlikely that PHD students could repeat this version.	We have been thinking of it as an elective for those students who would benefit from a graduate studio.
It seems like between the MFA and PhD, students will be taking a lot of electives. Have you worked up any examples of the coursework that a student doing the MFA and then the PhD might take to fulfill the requirements? Maybe seeing something like this will help.	I will attach an example
I would like to bring this proposal up in committee today for an initial discussion since I feel like this is a proposal where people are going to have things to say. Unfortunately, under the Open Meetings Act there is no way for us to address these concerns until they can be voiced at a regular meeting. I think it is unlikely the committee will be comfortable enough to pass the proposal today. However, the current approval timeline is that even if the proposal were passed by the committee today and Senate in October, it couldn't get before the BoT before January anyway. So, there is little cost in taking some time to discuss the proposal before moving to pass it. It seems like we're on track to get it to the Senate for its October meeting, which will still send it to BoT in January.	Okay, great!
I assume Nicole will be there today and be able to help the committee understand things. It seems like while the very open curriculum in	Stan: I tend to agree. Because designers are almost always working in an interdisciplinary

this proposal may be unusual to people from other disciplines, it is more common in design (at least from what I can tell in the catalog).	way, there is an unusually high level of interest in what other fields have to offer.
What is the content of the degree? It appears to be many electives and thesis hours. Not many required courses. Some required courses overlap with MFA DRI. Perhaps provide context for elective hours.	Stan: I hope the example will help. When you get right down to it, the Informatics PhD students with a design background seem to be always finding another course they would like to take. We can help them to some extent by the kinds of research projects they will handle in the required classes, but the domain knowledge they need does tend to be spread across several fields.
Responsible Innovation not part of any course titles or course descriptions.	This is an excellent point, and is a good example of why having a fresh perspective can be so beneficial. At some point we may want to add a specific course with this title. We have briefly discussed a class that would teach visual analytics in the context of community-engaged research. We would probably want to pilot it as an elective before making it a requirement. See curriculum example for elective ideas. See course revisions for ARTD 551, 570, 510, and 511 to reflect updated course titles/descriptions/audience statements.
The Grad College Executive Committee had already approved this proposal, but they may be asked to weigh in on the discussion regarding MFA DRI + PhD DRI. The most basic question is do you expect MFA DRI students to transition into the PhD DRI? Explain what that looks like for them. Question about MFA DRI being 64 hours/3 years and Phd DRI being 64 hours/3 years which would be a 128 hour program which they felt was a lot. The committee was getting hung up on the MFA DRI (how many hours, years, etc. and I answered those questions).	The MFA is currently 3 years because it is a degree across all programs in the school of art and design. We are only accepting 32 hours from the masters level into the PhD, which means students from shorter masters programs at other universities can apply.
More context on the MFA versus PhD terminal degree in the field and the curricula	The MFA has served the field of design well for the past however many decades, with thesis projects providing the students with some experience of doing what is usually applied research.

	However, to really move the field forward, we need to do a better job of developing theoretical models that can be later operationalized by design practice. The existing PhD programs both nationally and internationally have been doing this work, and we think that the faculty at Illinois and the kinds of students we are attracting are ready to join them.
This proposal was brought up for initial discussion during the EPC meeting last Monday. No major concerns were raised, which is a good sign. There was one question regarding the number of credit hours for the PhD, which is 64. One member suggested that seemed low, while another responded that it was in line with departments in her college. I pointed out that this PhD is designed to follow a master's degree, and the MFA is a 64 hour degree, which would make MFA + PhD 128 hours, which is quite a lot. I realize that the PhD in design is very new, but does six years seem like about the right amount of time to complete masters and PhD?	There is an argument to be made for the 6 years, because the PhD is not widespread in the field. The longer duration can help to ensure that the students are well prepared.
Acknowledgements from anthropology, sociology, and the iSchool	Received and attached.

PhD in Design for Responsible Innovation Curriculum Examples

General Sample Schedule (page 1)

First Fall Term Coursework (12 hours)

Course	Description	Hours
ARTD 570	Design for Responsible Innovation Research Methodology	4
ARTD 510 or ARTD 511	Membership DRI Research Team or Leadership DRI Research Team	4
Elective	Appropriate for the student's project	4

First Spring Term Coursework (12 hours)

Course	Description	Hours
ARTD 551	Design for Responsible Innovation Research Impact	4
ARTD 510 or ARTD 511	Membership DRI Research Team or Leadership DRI Research Team	4
Elective	Appropriate for the student's project	4

Second Fall Term Coursework (8 hours required; 4 hours optional)

Course	Description	Hours
Elective	Appropriate for the student's project	4
Elective	Appropriate for the student's project	4
Optional Elective	Optional directed reading class with PhD Advisor (ARTD 551)	0 - 4

It is possible that faculty in the program will offer our own electives. Some examples of these might be:

- design for social change
- world-building and afrofuturism
- design against human trafficking
- design for peace and reconciliation
- diagetic design and design fiction
- graphic storytelling
- visual analytics

Second Spring Term Research Credits (12 hours)

Course	Description	Hours
ARTD 599	Graduate Research	12

Third Fall Term Research Credits (12 hours)

Course	Description	Hours
ARTD 599	Graduate Research	12

Third Spring Term Research Credits (8 hours)

Course	Description	Hours
ARTD 599	Graduate Research	8

Breadth courses (as approved by PhD advisor)
Students can select graduate electives, either from within Design or elsewhere on campus.

Example curriculum for a PhD DRI student with research example and specific elective courses (pgs 2-3)

Topic: I am studying participatory design of experimental information systems from a decolonial and communitarian feminist perspective

Research question: I want to understand how can available technological tools be used in the design of generative digital devices (i.e generative ways to organize the word (Stengers))

Potential Practical Application: in order to help community organizations and designers work together in the design of information systems that contribute to the construction of alternative futures locally.

First Fall Term Coursework (12 hours)

Course	Description	Hours
ARTD 570	Design for Responsible Innovation Research Methodology	4
ARTD 510 or ARTD 511	Membership DRI Research Team or Leadership DRI Research Team	4
Elective	IS 543 Sociotechnical Information Systems	4

First Spring Term Coursework (12 hours)

Course	Description	Hours
ARTD 551	Design for Responsible Innovation Research Impact	4
ARTD 510 or ARTD 511	Membership DRI Research Team or Leadership DRI Research Team	4
Elective	ENGL 582 Queer and Feminist Methods	4

Second Fall Term Coursework (8 hours required; 4 hours optional)

Course	Description	Hours
Elective	UP 423 Community Development in the Global South	4
Elective	ARTD 595 Design Lab	4
Optional	Reading class with PhD Advisor on information management systems	4

Second Spring Term Research Credits (12 hours)

Course	Description	Hours
ARTD 599	Graduate Research	12

Third Fall Term Research Credits (12 hours)

Course	Description	Hours
ARTD 599	Graduate Research	12

Third Spring Term Research Credits (8 hours)

Course	Description	Hours
ARTD 599	Graduate Research	8

Date Submitted: 10/26/21 3:55 pm

Viewing: **ARTD 511 : Leadership in a DRI** ~~Design~~ **Research Team Project**

Last approved: 04/17/21 3:40 am

Last edit: 10/26/21 3:55 pm

Changes proposed by: Nicole Turner

History

1. Apr 16, 2021 by Melissa Pokorny (mpokorny)
2. Apr 17, 2021 by Deb Forgacs (dforgacs)

General Information

Effective Term:	Fall 2022
College:	Fine & Applied Arts
Department/Unit Name (ORG Code):	Art & Design (1526)
Course Subject:	Art--Design (ARTD)
Course Number:	511
Course Title:	Leadership in a **DRI** ~~Design~~ Research Team **Project**
Abbreviated Title:	Leadership **DRI** Research Team
Course Description:	Design research is fundamentally interdisciplinary, often involving domain and process experts from a variety of fields. Students will gain hands-on experience with design research team leadership by learning how to define, staff, and manage a new collaborative research project or new stage of a continuing project. Special attention will be paid to the distinctive features of the design research process such as the extended period of ambiguity and methods for eliciting significant contributions from team members with varied domain and process expertise.

Justification

Justification for change:

  1. Minor course title change to reflect Responsible Innovation context for design research in this course

Please Note: a syllabus is required for General Education review:

Course Information

Course Credit

Course credit:

          Undergraduate:

          Graduate: 4

          Professional:

Registrar Use Only:

Banner Credit:	4
Billable Hours:	4

Grading Type

Grading type:	Letter Grade
Alternate Grading Type (optional):	
Available for DFR:	No

Repeatability

May this course be repeated?   Yes

Indicate **one** type for the course:	Research or ongoing study
May students register more than once in the same term?	Yes
For how many total hours?	Graduate: 8

Is "if topics vary" a qualifier:

May this course be repeated in separate terms?	Yes
For how many total hours?	Graduate: 8

Is "if topics vary" a qualifier:

Repeatable statement:	May be repeated to a maximum of 8 hours.

Credit Restrictions

Credit Restrictions:

Advisory Statements

Prerequisites: ARTD 510.

Concurrent Enrollment Statement:

| Restricted Audience Statement: | Enrollment in the MFA or PhD program in Design for Responsible Innovation or consent of instructor. |

Cross-listing

| Cross Listed Courses: | |

Class Schedule Information

| Class Schedule Information: | A student registered in one or more Art & Design course(s) exhibiting this message, may be assessed a $95 facility use fee once each term. |

Fees

| Is a fee requested for this course? | Yes |

Departmental Fee Contact:
  David Akins

Fee	Fee Justification And Budget Details	Fee Description
$95	FAA Facilities Fee	Not assessed in Banner

Course Description in the Catalog Entry

This is how the above information will be represented in the Catalog:

Design research is fundamentally interdisciplinary, often involving domain and process experts from a variety of fields. Students will gain hands-on experience with design research team leadership by learning how to define, staff, and manage a new collaborative research project or new stage of a continuing project. Special attention will be paid to the distinctive features of the design research process such as the extended period of ambiguity and methods for eliciting significant contributions from team members with varied domain and process expertise. Course Information: Additional fees may apply. See Class Schedule. 4 graduate hours. No professional credit. May be repeated to a maximum of 8 hours. Prerequisite: ARTD 510. Enrollment in the MFA or PhD program in Design for Responsible Innovation or consent of instructor.

Additional Course Notes

| Enter any other course information details to be included in the catalog: | |

Course Detail

| Frequency of course: | Every Fall
Every Spring |

Duration of the course	Full

Anticipated Enrollment:	12

Expected distribution of student registration:	Graduate: 100 %	Professional: N/A

General Education

General Education Category	

Additional Course Information

Does this course replace an existing course?	No

Does this course impact other courses?	No

Does the addition of this course impact the departmental curriculum?	Yes

	Specify the curriculum and explain:	Yes, it is a requirement in the proposed new PhD curriculum in Design for Responsible Innovation

Has this course been offered as a special topics or other type of experimental course?	No

Will this course be offered on-line?	Online and Face-to-Face

Faculty members who will teach this course:	Dr. Stan Ruecker, Dr. Deana McDonagh, Dr. Molly Briggs

Course ID:	1012329

Comments to Reviewers:	~~Hi Nicole - I think the changes make the distinction that you asked for?~~

Course Edits Proposed by:	Nicole Turner on behalf of Dr. Stan Ruecker

Key: 12590

Date Submitted: 10/26/21 3:58 pm

Viewing: **ARTD 551 : Design for Responsible Innovation Research Impact**

Last approved: 04/12/19 3:33 am

Last edit: 10/26/21 3:58 pm

Changes proposed by: Nicole Turner

Programs referencing
this course
[10KS5920MFA: Art & Design: Design for Responsible Innovation, MFA](#)

History

1. Apr 12, 2019 by Mark Avery (mavery)

General Information

Effective Term:	Fall 2022
College:	Fine & Applied Arts
Department/Unit Name (ORG Code):	Art & Design (1526)
Course Subject:	Art--Design (ARTD)
Course Number:	551
Course Title:	**Design for Responsible Innovation Research Impact**
Abbreviated Title:	**DRI** ~~Design~~ Research Impact

Course
Description:
This seminar helps **DRI graduate** ~~MFA design~~ students connect their research with pedagogy and professional development strategies to disseminate their research into publishing, conferences, communities, and other relevant venues.

Justification

Justification for change:
1. Minor course title change to reflect Responsible Innovation context for design research in this course
2. Minor course description change to reflect Responsible Innovation context for design research in this course
3. Add repeatability statement so that PhD students who completed course in MFA may

repeat it.

4. Add credit restriction to clarify repeatability. Justification for repeat during PhD program after taking course in master's: Typically students at the master's level are working on applied projects, while the PhD projects will be more theoretical.

Please Note: a syllabus is required for General Education review:

Course Information

Course Credit

Course credit:

    Undergraduate:

    Graduate: 4

    Professional:

Registrar Use Only:

Banner Credit:	4
Billable Hours:	4

Grading Type

Grading type: Letter Grade

Alternate Grading Type (optional):

Available for DFR: No

Repeatability

May this course be repeated?   **Yes** ~~No~~

Indicate **one** type for the course:
Subject mastery/skill proficiency

May students register more than once in the same term?   **No**

May this course be repeated in separate terms?	**Yes**
For how many total hours?	Graduate: **8**
Is "if topics vary" a qualifier:	
Repeatable statement:	**May be repeated in separate terms to a maximum of 8 hours.**

Credit Restrictions

Credit
Restrictions:
   Students may take this course one time for credit toward the MFA DRI degree and one time for credit toward the PhD DRI degree.

Advisory Statements

Prerequisites:

Concurrent
Enrollment
Statement:

Restricted
Audience
Statement:

Cross-listing

Cross Listed
Courses:

Class Schedule Information

Class Schedule
Information:

Fees

Is a fee requested   No
for this course?

Course Description in the Catalog Entry

This is how the above information will be represented in the Catalog:

This seminar helps DRI graduate students connect their research with pedagogy and professional development strategies to disseminate their research into publishing, conferences, communities, and other relevant venues. Course Information: 4 graduate hours. No professional credit. May be repeated in separate terms to a maximum of 8 hours. Students may take this course one time for credit toward the MFA DRI degree and one time for credit toward the PhD DRI degree.

Additional Course Notes

Enter any other course information details to be included in the catalog:

Course Detail

Frequency of course:
  Every Spring

Duration of the course   Full

Anticipated Enrollment: 15

Expected distribution of student registration:	Graduate: 100 %	Professional: N/A

General Education

General Education Category

Additional Course Information

Does this course replace an existing course?   No

Does this course impact other courses?   No

Does the addition of this course impact the   Yes

departmental
curriculum?

Specify the
curriculum and
explain:
This will be a new course ~~for our MFA program~~ in ~~Graphic Design~~
~~that helps~~ the **PhD DRI program.** ~~program become NASAD~~
~~compliant.~~

Has this course   No
been offered as a
special topics or
other type of
experimental
course?

Will this course be
offered on-line?
  Face-to-Face

Faculty members
who will teach
this course:
  Eric Benson, Juan Salamanca, Lisa Mercer, Stacey Robinson, Molly Briggs, Stan
  Ruecker.

Course ID: 1011628

Comments to
Reviewers:

Course Edits
Proposed by:
  Nicole Turner on behalf of Stanley Ruecker

Key: 11326

Date Submitted: 10/26/21 4:00 pm

Viewing: **ARTD 570 : Design for Responsible Innovation Research Methodology**

Last approved: 02/14/19 3:29 am

Last edit: 10/26/21 4:00 pm

Changes proposed by: Nicole Turner

Programs referencing
this course
[10KS5920MFA: Art & Design: Design for Responsible Innovation, MFA](#)

In Workflow

1. **1526 Head**
2. KR Dean
3. Grad Dean
4. COTE
5. Provost
6. Registrar
7. Banner

History

1. Feb 14, 2019 by Mark Avery (mavery)

General Information

Effective Term:	Fall 2022
College:	Fine & Applied Arts
Department/Unit Name (ORG Code):	Art & Design (1526)
Course Subject:	Art--Design (ARTD)
Course Number:	570
Course Title:	**Design for Responsible Innovation Research Methodology**
Abbreviated Title:	**DRI** ~~Design~~ Research Methodology

Course
Description:

This seminar coordinates readings in design theory and the processes and principles of human-centered design with graduate students' emerging thesis research interests. Students will address the role of design research methodology in establishing design practice and design pedagogy. **DRI graduate** ~~Graphic Design~~ students enrolled in this course will be well-prepared to take leadership roles in the corresponding Design Methods (ARTD 270).

Justification

Justification for change:

1. Minor course title change to reflect Responsible Innovation context for design research in this course

2. Minor course description change to reflect audience to include PhD

3. Add repeatability statement so that PhD students who completed course in MFA may repeat it.

4. Add credit restriction to clarify repeatability. Justification for repeat during PhD program after taking course in master's: Typically students at the master's level are working on applied projects, while the PhD projects will be more theoretical.

Please Note: a syllabus is required for General Education review:

Course Information

Course Credit

Course credit:

    Undergraduate:

    Graduate: 4

    Professional:

Registrar Use Only:

Banner Credit:	4
Billable Hours:	4

Grading Type

Grading type: Letter Grade

Alternate Grading Type (optional):

Available for DFR: No

Repeatability

May this course be repeated?   **Yes** ~~No~~

Indicate **one** type for the course:
Subject mastery/skill proficiency

May students register more than   **No**

once in the same
term?

May this course be   **Yes**
repeated in
separate terms?

For how many total   Graduate: **8**
hours?
Is "if topics vary" a qualifier:

Repeatable   **May be repeated in separate terms to a**
statement: **maximum of 8 hours.**

Credit Restrictions

Credit
Restrictions:
   Students may take this course one time for credit toward the MFA DRI degree
   and one time for credit toward the PhD DRI degree

Advisory Statements

Prerequisites:
   ~~MFA students in Graphic Design.~~

Concurrent
Enrollment
Statement:

Restricted
Audience
Statement:

Cross-listing

Cross Listed
Courses:

Class Schedule Information

Class Schedule
Information:

Fees

Is a fee requested   No
for this course?

Course Description in the Catalog Entry

This is how the above information will be represented in the Catalog:

This seminar coordinates readings in design theory and the processes and principles of human-centered design with graduate students' emerging thesis research interests. Students will address the role of design research methodology in establishing design practice and design pedagogy. DRI graduate students enrolled in this course will be well-prepared to take leadership roles in the corresponding Design Methods (ARTD 270). Course Information: 4 graduate hours. No professional credit. May be repeated in separate terms to a maximum of 8 hours. Students may take this course one time for credit toward the MFA DRI degree and one time for credit toward the PhD DRI degree

Additional Course Notes

Enter any other course information details to be included in the catalog:

Course Detail

Frequency of course:

Duration of the course

Anticipated Enrollment:

Expected distribution of   Graduate: Professional:
student registration: N/A   N/A

General Education

General Education Category

Additional Course Information

Does this course   No
replace an
existing course?

Does this course   No
impact other

courses?

Does the addition   No
of this course
impact the
departmental
curriculum?

Has this course   No
been offered as a
special topics or
other type of
experimental
course?

Will this course be
offered on-line?
Face-to-Face

Faculty members
who will teach
this course:
Dr. Stan Ruecker, Dr. Deana McDonagh, Dr. Molly Briggs

Course ID: 1010925

Comments to
Reviewers:

Course Edits
Proposed by:
Nicole Turner on behalf of Prof. Stan Ruecker

Key: 9783

Date Submitted: 10/26/21 3:53 pm

Viewing: **ARTD 510 : Membership in a DRI ~~Design~~ Research Team Project**

Last approved: 04/17/21 3:40 am

Last edit: 10/26/21 3:53 pm

Changes proposed by: Nicole Turner

ARTD - Art--Design

Catalog Pages
referencing this course

History

1. Apr 16, 2021 by Melissa Pokorny (mpokorny)
2. Apr 17, 2021 by Deb Forgacs (dforgacs)

General Information

Effective Term:	Fall 2022
College:	Fine & Applied Arts
Department/Unit Name (ORG Code):	Art & Design (1526)
Course Subject:	Art--Design (ARTD)
Course Number:	510
Course Title:	Membership in a **DRI** ~~Design~~ Research Team Project
Abbreviated Title:	Membership **DRI Research** ~~Design~~ Team
Course Description:	Design research is fundamentally interdisciplinary, often involving domain and process experts from a variety of fields. Students will choose to join one among several continuing peer- or faculty-led design research projects at various stages of completion. They will learn how to adapt their existing expertise to contribute productively to the project in its current stage, absorb insight from work completed at earlier stages, and collaborate with team members to advance the project toward its defined goals.

Justification

Justification for change:
   1. Minor course title change to reflect Responsible Innovation context for design research in this course
   2. Add PhD DRI students in restricted audience statement

Please Note: a syllabus is
required for General
Education review:

Course Information

Course Credit

Course credit:

       Undergraduate:

       Graduate: 4

       Professional:

Registrar Use Only:

Banner Credit:	4
Billable Hours:	4

Grading Type

Grading type:	Letter Grade
Alternate Grading Type (optional):	
Available for DFR:	No

Repeatability

May this course be repeated?   Yes

Indicate **one** type for the course:	Research or ongoing study
May students register more than once in the same term?	Yes
For how many total hours? Is "if topics vary" a qualifier:	Graduate: 8
May this course be repeated in separate terms?	Yes
For how many total hours? Is "if topics vary" a qualifier:	Graduate: 8
Repeatable statement:	May be repeated to a maximum of 8 hours.

Credit Restrictions

Credit Restrictions:

Advisory Statements

Prerequisites:

Concurrent
Enrollment
Statement:

Restricted   Restricted to students enrolled in the MFA or PhD program in Design for Responsible
Audience   Innovation or consent of instructor.
Statement:

Cross-listing

Cross Listed
Courses:

Class Schedule Information

Class Schedule   A student registered in one or more Art & Design course(s) exhibiting this message,
Information: may be assessed a $95 facility use fee once each term.

Fees

Is a fee requested   Yes
for this course?

Departmental Fee
Contact:
  David Akins

Fee	Fee Justification And Budget Details	Fee Description
$95	FAA Facilities	Not assessed in Banner

Course Description in the Catalog Entry

This is how the above information will be represented in the Catalog:

Design research is fundamentally interdisciplinary, often involving domain and process experts from a variety of fields. Students will choose to join one among several continuing peer- or faculty-led design research projects at various stages of completion. They will learn how to adapt their existing expertise to contribute productively to the project in its current stage, absorb insight from work completed at earlier stages, and collaborate with team members to advance the project toward its defined goals. Course Information: Additional fees may apply. See Class Schedule. 4 graduate hours. No professional credit. May be repeated to a maximum of 8 hours. Prerequisite: Restricted to students enrolled in the MFA or PhD program in Design for Responsible Innovation or consent of instructor.

Additional Course Notes

Enter any other
course
information
details to be
included in the
catalog:

Course Detail

Frequency of course:	Every Fall Every Spring
Duration of the course	Full
Anticipated Enrollment:	12

Expected distribution of student registration:	Graduate: 100 %	Professional: N/A

General Education

General Education Category	

Additional Course Information

Does this course replace an existing course?	No
Does this course impact other courses?	No
Does the addition of this course impact the departmental curriculum?	Yes

	Specify the curriculum and explain:	Yes, it is a requirement in the proposed new PhD curriculum in Design for Responsible Innovation

Has this course been offered as a special topics or other type of experimental course?	No
Will this course be offered on-line?	Online and Face-to-Face
Faculty members who will teach this course:	Dr. Stan Ruecker, Dr. Deana McDonagh, Dr. Molly Briggs
Course ID:	1012327
Comments to Reviewers:	~~Hi Nicole - I think I made the corrections that you've asked for?~~
Course Edits Proposed by:	Nicole Turner on behalf of Dr. Stan Ruecker

From:	Knox, Emily Joyce Magdelyn
Sent:	Sunday, October 24, 2021 1:34 PM
To:	Turner, Nicole Marion Landwehr
Subject:	Re: Acknowledgement Requested for Senate EPC feedback on PhD Design for Responsible Innovation new program proposal

I have reviewed the PhD in Design for Responsible Innovation program proposal and on behalf of the iSchool, I have no concerns.

Emily

Emily J.M. Knox, PhD, MSLIS
Associate Professor
Interim Associate Dean for Academic Affairs
School of Information Sciences
University of Illinois at Urbana-Champaign
501 E. Daniel Street, MC-493 |Champaign, IL 61820
(217) 300-0212 | knox@ilinois.edu | www.emilyknox.net

From: Turner, Nicole Marion Landwehr <nicturn@illinois.edu>
Sent: Friday, October 22, 2021 12:27 PM
To: Knox, Emily Joyce Magdelyn <knox@illinois.edu>; Twidale, Michael <twidale@illinois.edu>
Cc: Bievenue, Lisa Anne <bievenue@illinois.edu>; Smith, Linda C. <lcsmith@illinois.edu>; Ruecker, Stanley <sruecker@illinois.edu>; Pokorny, Melissa <mpokorny@illinois.edu>
Subject: RE: Acknowledgement Requested for Senate EPC feedback on PhD Design for Responsible Innovation new program proposal

Emily,

Thank you for your response. In terms of this proposal, I have provided your initial note to the unit sponsor (CC'd: Prof. Stan Ruecker sruecker@illinois.edu and School of A+D Assoc. Director, Exec. Prof. Melissa Pokorny, mpokorny@illinois.edu) who are available for further conversation. Senate EPC meets on Mondays at 1:10pm and the sub-committee chair asked that I provide evidence of outreach and any responses, if received, for discussion.

I would be happy to meet and discuss any concerns regarding the similar undergraduate proposal you mention. I am not familiar with what you are referring to off-hand and I work with Melissa Newell often. Recent relevant proposals have been the Graduate Certificate (in-person) in Advanced Design Thinking, where students complete the first two industrial design courses already part of the MFA Art and Design, Industrial Design program. And then BS Sustainable Design major was approved in August 2019, which focuses mostly on environmental design and product design. I haven't been in any further conversations about the joint UI/UX program our schools were collaborating on in a while, so I am not aware of the status but no proposal has been developed or submitted.

I value opportunities for collaboration and appreciate the encouragement to converse early in the proposal development process when relevant. I understand the timeline with Senate EPC adds a challenge at this point and appreciate your thoughtfulness.

Best,
Nicole

Nicole Turner, Ph.D.
Assistant Dean for Academic Programs and International Education

College of Fine + Applied Arts
University of Illinois at Urbana-Champaign
100E Architecture Bldg, M/C 622
608 E Lorado Taft Dr | Champaign, IL 61820
217.300.2602 | nicturn@illinois.edu | faa.illinois.edu

I ILLINOIS

From: Knox, Emily Joyce Magdelyn <knox@illinois.edu>
Sent: Friday, October 22, 2021 9:45 AM
To: Turner, Nicole Marion Landwehr <nicturn@illinois.edu>; Twidale, Michael <twidale@illinois.edu>
Cc: Bievenue, Lisa Anne <bievenue@illinois.edu>; Smith, Linda C. <lcsmith@illinois.edu>
Subject: RE: Acknowledgement Requested for Senate EPC feedback on PhD Design for Responsible Innovation new program proposal

Thank you for getting in touch with us regarding this proposal. Key members of our faculty are reviewing it. In the future, we would appreciate being contacted about proposals that may overlap with our own programs before they are presented to the Education Policy committee. I am aware that a similar undergraduate proposal was recently approved.

I will send a response next week.

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

I UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

From: Turner, Nicole Marion Landwehr <nicturn@illinois.edu>
Sent: Wednesday, October 20, 2021 8:31 AM
To: Twidale, Michael <twidale@illinois.edu>; Knox, Emily Joyce Magdelyn <knox@illinois.edu>
Subject: Acknowledgement Requested for Senate EPC feedback on PhD Design for Responsible Innovation new program proposal

School of Information Sciences
Interim Associate Dean for Academic Affairs Emily Knox and PhD Program Director Michael Twidale

Dr. Emily Knox and Dr. Michael Twidale,

I hope this e-mail finds you well. I am reaching out to obtain your acknowledgement of a new program proposal the School of Art & Design in the College of Fine & Applied Arts has submitted to develop a PhD in Design for Responsible Innovation.

A Senate EPC sub-committee has shared with us: "somebody asked for an acknowledgement from the iSchool, due to the program's close connection to the PhD program in informatics."

We request your response of acknowledgement that you have reviewed this proposal and have no concerns. We will include this information in the CIM proposal to go to the EdPol/Senate for approval.

A suggestion of text can be something as simple as "I have reviewed the PhD in Design for Responsible Innovation program proposal and on behalf of the iSchool, I have no concerns." You may send via email to me at nicturn@illinois.edu.

Thank you very much for taking the time to respond. If you have any questions, please do not hesitate to reach out to me.

Sincerely,

Nicole Turner, Ph.D.
Assistant Dean for Academic Programs and International Education

College of Fine + Applied Arts
University of Illinois at Urbana-Champaign
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217.300.2602 | nicturn@illinois.edu | faa.illinois.edu

I ILLINOIS

Dr. Liao and Dr. Dill,

Thank you for the feedback and for the response. We greatly appreciate your time spent in the review.

Best,

Nicole Turner, Ph.D.
Assistant Dean for Academic Programs and International Education

College of Fine + Applied Arts
University of Illinois at Urbana-Champaign
100E Architecture Bldg, M/C 622
608 E Lorado Taft Dr | Champaign, IL 61820
217.300.2602 | nicturn@illinois.edu | faa.illinois.edu

From: Liao, Tim F <tfliao@illinois.edu>
Sent: Thursday, October 21, 2021 2:33 PM
To: Turner, Nicole Marion Landwehr <nicturn@illinois.edu>; Dill, Brian J <dill@illinois.edu>
Subject: Re: Acknowledgement Requested for Senate EPC feedback on PhD Design for Responsible Innovation new program proposal

Dear Dr. Turner,

My colleague our DGS Brian Dill and I have both gone over the proposal, and we have no concerns with it. Incidentally, the Department of Urban & Regional Planning may be more interested in this proposal than either us or Anthropology though you probably already know this.

Best wishes,

Tim Liao
Professor & Head
Department of Sociology
University of Illinois at Urbana-Champaign

Department of Sociology
Department Head Tim Liao and Director of Graduate Studies Brian Dill

Dr. Tim Liao and Dr. Brian Dill,

I hope this e-mail finds you well. I am reaching out to obtain your acknowledgement of a new program proposal the School of Art & Design in the College of Fine & Applied Arts has submitted to develop a PhD in Design for Responsible Innovation.

The proposal lists four areas of faculty research, which doctoral students may also engage in:
Sustainable and regenerative design
Urban sociology and critical race design
Visual and cultural studies
Student-proposed applied research in responsible innovation, social impact, and engagement

The Senate Educational Policy Committee has requested that the Departments of Sociology and Anthropology provide acknowledgement due to the listed track: Urban sociology and critical race design. If you would like to learn more about our faculty research in this area, view Prof. Nekita Thomas' bio here and Prof. Stacey Robinson's work here.

We request your response of acknowledgement that you have reviewed this proposal and have no concerns. We will include this information in the CIM proposal to go to the EdPol/Senate for approval.

A suggestion of text can be something as simple as "I have reviewed the PhD in Design for Responsible Innovation program proposal and on behalf of the Sociology department, I approve the student research tracks as listed." You may send via email to me at nicturn@illinois.edu.

Thank you very much for taking the time to respond. If you have any questions, please do not hesitate to reach out to me.

Sincerely,

Nicole Turner, Ph.D.
Assistant Dean for Academic Programs and International Education

College of Fine + Applied Arts
University of Illinois at Urbana-Champaign
100E Architecture Bldg, M/C 622

608 E Lorado Taft Dr | Champaign, IL 61820
217.300.2602 | nicturn@illinois.edu | faa.illinois.edu

From:	Turner, Nicole Marion Landwehr
Sent:	Friday, October 15, 2021 2:36 PM
To:	Farnell, Brenda M; Clancy, Kathryn B H
Subject:	Acknowledgement Requested for Senate EPC feedback on PhD Design for Responsible Innovation new program proposal
Attachments:	Design for Responsible Innovation, PhD.pdf

Department of Anthropology
Department Head Brenda Farnell and Director of Graduate Studies Kathryn Clancy

Dr. Brenda Farnell and Dr. Kathryn Clancy,

I hope this e-mail finds you well. I am reaching out to obtain your acknowledgement of a new program proposal the School of Art & Design in the College of Fine & Applied Arts has submitted to develop a PhD in Design for Responsible Innovation.

The proposal lists four areas of faculty research, which doctoral students may also engage in:
Sustainable and regenerative design
Urban sociology and critical race design
Visual and cultural studies
Student-proposed applied research in responsible innovation, social impact, and engagement

The Senate Educational Policy Committee has requested that the Departments of Anthropology and Sociology provide acknowledgement due to the listed track: Urban sociology and critical race design. If you would like to learn more about our faculty research in this area, view Prof. Nekita Thomas' bio here and Prof. Stacey Robinson's work here.

We request your response of acknowledgement that you have reviewed this proposal and have no concerns. We will include this information in the CIM proposal to go to the EdPol/Senate for approval.

A suggestion of text can be something as simple as "I have reviewed the PhD in Design for Responsible Innovation program proposal and on behalf of the Anthropology department, I approve the student research tracks as listed." You may send via email to me at nicturn@illinois.edu.

Thank you very much for taking the time to respond. If you have any questions, please do not hesitate to reach out to me.

Sincerely,

Nicole Turner, Ph.D.
Assistant Dean for Academic Programs and International Education

College of Fine + Applied Arts
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ILLINOIS

Hi Barb,

Can you please roll back EP.22.024 Design for Responsible Innovation, PhD to KR Dean and attach the email below to the proposal record?

Thanks,

Nolan

☰ ILLINOIS

NOLAN H MILLER

Daniel and Cynthia Mah Helle Professor in Finance | Department of Finance
Director, Center for Business and Public Policy
Gies College of Business | University of Illinois at Urbana-Champaign
Research Associate, National Bureau of Economic Research
217.244.2847 | nmiller@illinois.edu | http://www.business.illinois.edu/nmiller

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: Turner, Nicole Marion Landwehr <nicturn@illinois.edu>
Sent: Monday, October 25, 2021 9:51 AM
To: Miller, Nolan H <nmiller@illinois.edu>
Cc: Mette, Alan T <amette@illinois.edu>; Ruecker, Stanley <sruecker@illinois.edu>; Pokorny, Melissa <mpokorny@illinois.edu>; Salamanca Garcia, Juan <jsal@illinois.edu>; Briggs, Molly Catherine <mbriggs@illinois.edu>; McDonagh, Deana C <mcdonagh@illinois.edu>
Subject: RE: Design for Responsible Innovation PhD program proposal

Nolan, we can absolutely update those pieces and will reach out with any clarification needed. Can you have Barb roll back to KR Dean please?

Thank you,

Nicole Turner, Ph.D.
Assistant Dean for Academic Programs and International Education

College of Fine + Applied Arts
University of Illinois at Urbana-Champaign
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217.300.2602 | nicturn@illinois.edu | faa.illinois.edu

ILLINOIS

From: Miller, Nolan H <nmiller@illinois.edu>
Sent: Monday, October 25, 2021 9:05 AM
To: Turner, Nicole Marion Landwehr <nicturn@illinois.edu>
Cc: Mette, Alan T <amette@illinois.edu>; Ruecker, Stanley <sruecker@illinois.edu>; Pokorny, Melissa <mpokorny@illinois.edu>; Salamanca Garcia, Juan <jsal@illinois.edu>; Briggs, Molly Catherine <mbriggs@illinois.edu>; McDonagh, Deana C <mcdonagh@illinois.edu>
Subject: RE: Design for Responsible Innovation PhD program proposal

Thanks, Nicole. I propose we do a quick rollback with the goal of voting on this next Monday (Nov. 1) with the goal of clarifying and strengthening the proposal for when it goes to the Senate. I see the punch list for the rollback as:

1. Attach the letters of support to the proposal.
2. Attach the unit's responses to the questions the committee has raised (those response tables are fine).
3. Figure out what is needed to make ARTD 570 and 551 repeatable at the masters and PhD level, and how the course will differ when taken at the PhD level.

In addition, I'd like to see a couple of clarifying edits to the proposal itself so that the connection to responsible innovation and the program's design are clear.

4. In Program description it would be good to get something about responsible innovation. I took that quote you provided as a sample, but you should edit to avoid a direct quote if you want. "It is a three-year, full-time program for students who want to engage in creating and contributing to new knowledge through design research *focused on developing objective, fair, nonpartisan and sustainable design actions, especially with regard to issues of contemporary debate such as environmental conservation, ethics, justice, equity, culture, and identity (Stilgoe, Owen, & Macnaghten, 2013)."*

5. In the program justification, it would be helpful to speak to the program's design a bit, and why it is the way it is. This could be a short paragraph after the paragraph "Program Justification: the purpose of this degree ..." I think there are two points it would be useful to see here. The first is that dissertation topics in DRI are likely to be individualized and multi-disciplinary that could draw coursework from a number of departments. Give examples [but ideally make them departments within FAA or where you already have acknowledgment letters!] Second, this program is going to be very small. For both of those reasons, it doesn't make sense to offer a lot of specialized courses for this program. But, it is something that the

unit will be piloting to see how it works. Because of this, the coursework for the degree will involve the student and advisor working together to develop an individualized program of study. I think this will provide some of the missing background that committee members (and I expect Senators) will be looking for.

6. Move some of the language from (4) into the Catalog text and program requirements, making it clear that students' electives will be chosen in conjunction with and approved by an advisor.

I think these changes are not too onerous. Incorporating them will put a bit more structure on the proposal and help Senators understand the unique nature of this program. EPC will vote on the proposal at the next meeting after these are incorporated. That would be Nov. 1 or Nov. 8, either of which would be on time to make the next (Nov.) Senate meeting.

Thanks again for working with the committee on this. If everything is clear, I'll go ahead and ask Barb to roll the proposal back to 1526 Head.

Nolan

I ILLINOIS

NOLAN H MILLER
Daniel and Cynthia Mah Helle Professor in Finance | Department of Finance
Director, Center for Business and Public Policy
Gies College of Business | University of Illinois at Urbana-Champaign
Research Associate, National Bureau of Economic Research
217.244.2847 | nmiller@illinois.edu | http://www.business.illinois.edu/nmiller

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: Turner, Nicole Marion Landwehr <nicturn@illinois.edu>
Sent: Monday, October 25, 2021 7:46 AM
To: Miller, Nolan H <nmiller@illinois.edu>
Cc: Mette, Alan T <amette@illinois.edu>; Ruecker, Stanley <sruecker@illinois.edu>; Pokorny, Melissa <mpokorny@illinois.edu>; Salamanca Garcia, Juan <jsal@illinois.edu>; Briggs, Molly Catherine <mbriggs@illinois.edu>; McDonagh, Deana C <mcdonagh@illinois.edu>
Subject: RE: Design for Responsible Innovation PhD program proposal

Nolan,

Good morning. I heard back from the iSchool yesterday and after time spent reviewing the proposal, they have no concerns. Please see attached letter. No response still from Anthropology.

I believe Stan/the unit sponsor addressed all the questions and the next step is to determine if the proposal needs to be rolled back for these to be input or if the attached responses and letters will suffice.

Thank you for your many efforts.

Best,

Nicole Turner, Ph.D.
Assistant Dean for Academic Programs and International Education

College of Fine + Applied Arts
University of Illinois at Urbana-Champaign
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Adding – in order to get this on the agenda for the next Senate meeting (November), EPC will have to pass it by November 8. I don't see a reason why we can't do this and I have every intention of making this deadline. I'll be in touch and hopefully we can keep this moving.

Thanks,

Nolan

NOLAN H MILLER
Daniel and Cynthia Mah Helle Professor in Finance | Department of Finance
Director, Center for Business and Public Policy
Gies College of Business | University of Illinois at Urbana-Champaign
Research Associate, National Bureau of Economic Research
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From: Ruecker, Stanley <sruecker@illinois.edu>
Sent: Friday, October 22, 2021 3:08 PM
To: Miller, Nolan H <nmiller@illinois.edu>; Turner, Nicole Marion Landwehr <nicturn@illinois.edu>
Cc: Mette, Alan T <amette@illinois.edu>; Pokorny, Melissa <mpokorny@illinois.edu>; Salamanca Garcia, Juan <jsal@illinois.edu>; Briggs, Molly Catherine <mbriggs@illinois.edu>; McDonagh, Deana C <mcdonagh@illinois.edu>
Subject: Re: Design for Responsible Innovation PhD program proposal

Hi Nolan,

Thank you for these excellent questions, and my apologies for taking so long to respond. I'll attach the acknowledgements from the three other programs, a response table, and an example of how a student doing a specific project might line up appropriate electives. It is also possible that faculty in the program will offer our own electives. Some examples of these might be:

- design for social change
- world-building and afrofuturism
- design against human trafficking
- design for peace and reconciliation
- diagetic design and design fiction
- graphic storytelling
- visual analytics

I hope this is useful, and have my fingers crossed.

Best regards,
Stan