REQUEST TO ADD OR CHANGE AN UNDERGRADUATE ACADEMIC CERTIFICATE PROGRAM AND/OR REQUEST FOR RECOGNITION ON THE UNIVERSITY TRANSCRIPTS

Type of Proposal: ☒ New Certificate Program
☐ Change an Existing Certificate Program
☐ Delete a Program

Note: If the certificate program proposed for addition or change includes a requirement of 21 to 24 semester credit hours, an additional form is required for THECB approval/notification.

Proposed classification: ☐ Exclusive ☒ General ☐ Major

1. **IF THE ANSWER TO ANY OF THE FOLLOWING QUESTIONS IS YES, THE COLLEGE MUST CONSULT <u>LINDA DICKENS, DIRECTOR OF ACCREDITATION AND ASSESSMENT</u>, TO DETERMINE IF SACSCOC APPROVAL IS REQUIRED.**

   - Is this a new transcript-recognized certificate program? Yes ☒ No ☐
   - Is this a request to delete an existing transcript-recognized certificate program? Yes ☐ No ☒
   - Does the certificate offer courses that will be taught off campus? Yes ☐ No ☒
   - Will courses in this program be delivered electronically? Yes ☐ No ☒
   - Will courses be developed specifically for the new certificate? Yes ☒ No ☐

2. **THIS PROPOSAL INVOLVES: (Please check all that apply)**

   ☒ Courses in other colleges
   ☒ Courses in proposer's college that are frequently taken by students in other colleges
   ☐ Flags

   ☐ Course in the core curriculum
   ☐ Change in course sequencing for an existing program
   ☒ Courses that have to be added to the inventory

   ☐ Change in admission requirements (external or internal)
   ☐ Requirements not explicit in the catalog language (e.g., lists of acceptable courses maintained by department office)

3. **SCOPE OF PROPOSED CHANGE:**

   a. Does this proposal impact other colleges/schools? Yes ☒ No ☐
   If yes, then how? ***Courses in other schools will be recognized td. certificate***

   b. Do you anticipate a net change in the number of students in your college? Yes ☒ No ☒
   If yes, how many **more** (or fewer) students do you expect? ***30 more students/year***

   c. Do you anticipate a net <u>**increase**</u> (~~or decrease~~) in the number of <u>students from outside</u> of your college taking <u>classes in your college</u>? ***30 students/year*** Yes ☒ No ☐
   If yes, please indicate the number of students and/or class seats involved. ***30 students/year***

   d. Do you anticipate a net <u>**increase**</u> (~~or decrease~~) in the number of <u>students from your college</u> taking <u>courses in other colleges</u>? Yes ☒ No ☐
   If yes, please indicate the number of students and/or class seats involved. ***30 students/year***

   If 3 a, b, c, or d was answered with yes, please answer the following questions. If the proposal has potential budgetary impacts for another college/school, such as requiring new sections or a non-negligible increase in the number of seats offered, at least one contact must be at the college-level.

   How many students do you expect to be impacted? ***30 students/year***
   Impacted schools must be contacted and their response(s) included:
   iSchool

  Person communicated with: ***Dean Randolph Bias***
  Date of communication: ***continuously***
  Response: ***positive***
Moody College of Communication
  Person communicated with: ***Mark Bernstein, Assoc. Dean for Undergraduate***
  Education
  Date of communication: ***continuously***
  Response: ***positive***
College of Fine Arts
  Person communicated with: ***Andrew Dell'Antonio, Assoc. Dean for Undergrad-***
  uate Studies Education
  Date of communication: ***continuously***
  Response: ***positive***
College of Liberal Arts
  Person communicated with: ***Richard Flores, Senior Associate Dean for Academ-***
  ic Affairs
  Date of communication: ***September 28, 2017***
  Response: ***positive***
School of Undergraduate Studies
  Person communicated with: ***Jeanette Herman, Assistant Dean***
  Date of communication: ***September 28, 2017***
  Response: ***positive***

4. **OFFICIAL CERTIFICATE NAME:** Undergraduate Certificate: *Digital Humanities*

5. **CIP CODE** (administrative unit awarding the certificate)**:**   ***iSchool (or: 24.0199)***

6. **STATEMENT OF OBJECTIVE**:

> ***Digital Humanities Certificate***
> *Digital Humanities is an area of study where humanities disciplines engage digital tools, archives, artifacts, and information technologies. This certificate is designed to introduce students to the ideas, materials and computational tools that underlie this field. It is open to students of all majors. Students take 18 credit hours from a selection of courses taught in different departments and colleges at UT and must earn a letter grade of C- or better in all courses required for certification. Some courses required by the certificate may also fulfill degree requirements established by a student's major department.*
> *To earn the Certificate, students must take:*
> *(1) An introduction to the Digital Humanities,*
> *(2) 12 hours of coursework including at least one methods-based course,*
> *(3) A capstone course involving project-based Digital Humanities work.*

7. **NUMBER OF STUDENTS EXPECTED TO RECEIVE THE CERTIFICATE EACH SEMESTER:**   *15 per long semester*

8. **NUMBER OF HOURS REQUIRED FOR COMPLETION (Note: If the number of required hours is 21 to 24, THECB form is required**:   *18 hours*

9. **LIST FACULTY ON THE CERTIFICATE PROGRAM FACULTY COMMITTEE**.

INF Digital Humanities Certificate

Name of Faculty Member	College/Department	Title at UT Austin	Highest Degree and Awarding Institution
Tanya Clement*+	School of Information	Associate Prof.	Ph.D., University of Maryland, College Park
Amelia Acker*	School of Information	Assistant Prof.	Ph.D., University of California, Los Angeles
Casey Boyle*	Department of Rhetoric & Writing	Assistant Prof.	Ph.D., University of South Carolina
Daina Berry*	History Department	Associate Prof.	Ph.D., University of California, Los Angeles
Caroline Frick*	Department of Radio-Television-Film	Associate Prof.	Ph.D., The University of Texas at Austin
Elizabeth Gushee	Harry Ransom Center	Director of Digital Collections	M.L.I.S, Catholic University of America
Lars Hinrichs*	Department of English	Associate Prof.	Ph.D., University of Freiburg, Germany
Bruce Pennycook	Department of Theory and Composition	Professor; Director, The Center for Arts and Entertainment Technology	M.A., University of Toronto
Adam Rabinowitz*	Department of Classics	Associate Prof.	Ph.D., University of Michigan, Ann Arbor
Astrid Runggaldier*	Department of Art and Art History	Assistant director, Mesoamerica Center	Ph.D., Boston University

*Tenured and tenure-track faculty
+DH certificate program director

10. **ACADEMIC COURSE REQUIREMENTS**: Use this table to identify the courses that qualify for this certificate program.

Abbreviation and Number	Course Title	SCH
INF 315x	Principles In Digital Humanities	3
AET 305	Foundations of Music Technology	3
AET 325	2D Digital Production Art	3
AET 326	Digital Production Art 3-D	3
AET 327	Advanced 3-D Modeling	3
AET 306	Foundations of Digital Imaging and Visualization	3
AET 323	Creating Music and Sound For Film Video and Games	3
AET 335	Game Aesthetics	3
ART 318C	Transmedia: Digital Time-Based Art I	3
ART 338C	Transmedia: Digital Time-Based Art II	3
ART 358C	Transmedia: Digital Time-Based Art III	3
INF 315E	Information and Culture: Introduction to Databases	3
INF 350G	Information in Society: Introduction to Audio Preservation and Reformatting	3
J 339T	Mapping in Storytelling	3
MUS 319D	Foundations of Digital Sound and Music	3
CMS 348K	Visual Media and Interaction	3
CMS 341	Digital Communications	3
INF 304D	Introduction to Information Studies	3
INF 315E	Information and Culture: Human Computer Interaction	3
INF 315E	Information and Culture: Introduction to Digital Cultures	3

INF Digital Humanities Certificate

INF 327E	Information and People: Comics, Graphic Novels, & Manga	3
INF 327E	Information and People: Media & Literacy	3
INF 350E	Concepts & Practices in Information Security	3
INF 331C	Beyond Google	3
INF 335C	Information in Cyberspace	3
INF 350E	Information in Society	3
INF 350E	Technologies of the Book	3
J 308D	Data, Privacy and You	3
J 355F	Living in the Information Age	3
J 336F	Social Media Journalism	3
RHE 309K	Rhetoric and Digital Life	3
RHE 330C	Digital Rhetorics of Satire	3
RHE 330C	Digital Self and Rhetoric	3
RHE 330C	Writing with Sound	3
RTF 331P	Internet Cultures	3
RTF 326C	Tech Culture	3
MUS 329E	Intro to Electronic Media	3
MUS 329J	Introduction to Computer Music	3
MUS 319D	Foundations of Digital Sound and Music	3
AHC 679HB	Classical Studies Honors Tutorial Course	3
E679 HB	English Honors Thesis	3
GOV 679HB	Honors Tutorial Course	3
HIS 679HB	History Honors Tutorial Course	3
LAH 679TB	Liberal Arts Honors Thesis	3
LIN 679HB	Linguistics Honors Tutorial Course	3
MES 679HB	Middle Eastern Studies	3
PHL 679HB	Philosophy Honors Tutorial Course	3
RHE 330C	Digital Storytelling	3
RHE 679HB	Rhetoric Honors Tutorial Course	3
RS 679HB	Religious Studies Honors Tutorial Course	3
REE 679HB	Slavic and Eurasian Studies Tutorial Course	3
POR 379H	Spanish and Portuguese Honors Tutorial Course	3
SPN 377H	Spanish and Portuguese Honors Tutorial Course	3
UGS 320K	Supervised Research	3
UGS 320L	Independent Inquiry	3

11. OTHER CERTIFICATE REQUIREMENTS:

To earn the Certificate, students must take:

      (1) An introduction to the Digital Humanities,
      (2) 12 hours of coursework including at least one methods-based course,
      (3) A capstone course involving project-based Digital Humanities work.

A new undergraduate-level course entitled "Principles In Digital Humanities" that would satisfy the first requirement has been developed and has been offered for the first time in Fall 2017. Five students are currently registered for the course. The dean and associate dean of the School of Information have committed to offering the course with a permanent course number (INF 315X) in future semesters and to providing funding for at least one section of the course each academic year with an enrollment cap of 25; the instructor will be a graduate student. The course will be repeated annually thereafter. Depending on enrollment, additional sections may be offered in the spring semesters.

      The second requirement can be fulfilled by taking a range of courses within and beyond the student's fields of specialization. At least one course must emphasize the acquisition of methods in digitization techniques (XML, OCR, image scanning and processing, GIS), archive building, computer program-

ming, visualization for various applications such as textual data set mining and statistical analysis, data organization, working with new media, or the creation of software applications.

Given the particularly emergent nature of the Digital Humanities, new courses are offered each year that can satisfy the second requirement. At the same time, only a few of the skills and electives courses we list below as example fulfillments of the second requirement are regularly reoccurring. We believe that given the broad selection of qualifying courses that has been available at UT for years, this academic vibrancy is ultimately a strength of this Certificate. We also believe that as digital methods begin to become more common in basic research training in the humanities, more courses will be offered each year that will satisfy the requirements of the certificate.

The capstone course must feature project-based work, and will be approved by the DH Certificate Program Director for each student completing the Certificate. Independent studies or honors theses or research apprenticeships grounded in Digital Humanities work that constitute a DH project may satisfy this requirement.

12. GIVE A DETAILED RATIONALE FOR CHANGE(S):

Scholarship in Digital Humanities interprets the cultural and social impact of information technologies as well as creates and applies these technologies to answer cultural, social, historical, and philological questions. Digital Humanities scholarship is necessarily collaborative and interdisciplinary. It emphasizes design, multimediality, and experiential learning and research by creatively expanding the networks of participation, the modes of access, and the tools for the creation and dissemination of scholarship. Digital Humanities practices are not limited to conventional humanities departments, but are emerging in every humanistic field at UT, within the College of Liberal Arts and beyond, in arts and architecture, information studies, film and media studies, archaeology, geography, ethnic studies, and the social sciences. At the same time, Digital Humanities is a natural outgrowth and expansion of the traditional scope of the Humanities and Information Studies, not a replacement or rejection of traditional humanistic inquiry. In fact, the role of the humanist is critical at this historic moment, as our cultural legacy is migrated to digital formats and our relation to knowledge, cultural material, technology, and society is radically re-conceptualized.

Many leading universities in the United States have recognized the profoundly transformative effect that information technologies have had on research and teaching by establishing lab-based research programs. The University of Virginia led with the Institute for Advanced Technology in the Studies, which now supports more than forty Digital Humanities research projects and a masters program in Digital Humanities. The Stanford Humanities Laboratory, established in 2001, is a collaborative research environment for cross-disciplinary and multi-institutional, technologically transformative projects. Duke, a founding member of HASTAC (Humanities, Arts, Science, and Technology Advanced Collaboratory), adopted a similar model within its John Hope Franklin Humanities Institute. Other top-tier universities such as Harvard, Brown, Dartmouth, Berkeley, Princeton, and the University of Michigan have begun aggressively to hire in the field and to design multidisciplinary programs in Digital Humanities. These institutional efforts towards innovation in pedagogy, research, and public engagement have developed with support from external grant and foundation funding.

Because Digital Humanities demands interdisciplinary education, it offers a compelling model for transformative scholarship and pedagogy at the undergraduate level. Digital Humanities facilitates the necessary critical thinking, analytic skills, and creativity that have long been at the heart of the undergraduate educational experience and thus impacts all fields that use new technologies to undertake research. As more and more courses utilize digital technologies for instruction, new information platforms are emerging, which encourage collaboration, creativity, and interdisciplinarity. Yet, the existing, funded projects at UT do not offer enough opportunities for project-based work for a wide range of students. At the same time, the collections at the heart of humanities research and UT's world-class libraries and archives are often inaccessible for digital analysis by scholars even when they have been digitized. Pairing students with project-based work in these collections offers a unique opportunity to train students in much-needed information skills and to showcase these and community collections in research that engages staff, undergraduates, graduates, and faculty. The DH Certificate will harness students' engagement with and excitement about digital technologies and media and put that energy to use in a flexible curriculum that requires both skills acquisition and critical inquiry.

13. COLLEGE/SCHOOL APPROVAL PROCESS:

Department approval date: 4/3/17   Approved by whom: Philip Doty

INF Digital Humanities Certificate

College approval date:	4/3/17	Approved by whom: Philip Doty	
Dean approval date:	4/3/17	Approved by whom: Philip Doty	

PROPOSED LANGUAGE TO ADD TO CATALOG

Digital Humanities Certificate

The Digital Humanities represent the area of study where humanities disciplines and studies in information engage digital tools, archives, artifacts, and information technologies. This certificate is designed to introduce students to the ideas, materials and computational tools that underlie this field. It is open to students of all majors. Students take 18 credit hours from a selection of courses taught in different departments and colleges at UT and must earn a letter grade of C- or better in all courses required for certification. Some courses required by the certificate may also fulfill degree requirements established by a student's major department.

To earn the Certificate, students must take:
(1) An introduction to the Digital Humanities,
(2) 12 hours of coursework including at least one methods-based course,
(3) A capstone course involving project-based Digital Humanities work.
The following courses are recognized as fulfilling the certificate's requirements:

Introduction
INF 315X, Principles In Digital Humanities
Skills
AET 305, Foundations of Music Technology+
AET 325, 2D Digital Production Art
AET 326, Digital Production Art 3-D
AET 327, Advanced 3-D Modeling
AET 306, Foundations of Digital Imaging and Visualization
AET 323, Creating Music and Sound For Film Video and Games
AET 335, Game Aesthetics
ART 318C, Transmedia: Digital Time-Based Art I#
ART 338C, Transmedia: Digital Time-Based Art II#
ART 358C, Transmedia: Digital Time-Based Art III#
INF 315E, Information and Culture: Introduction to Databases
INF 350G, Information in Society: Introduction to Audio Preservation and Reformatting
J 339T, Mapping in Storytelling
MUS 319D, Foundations of Digital Sound and Music

Electives
CMS 348K, Visual Media and Interaction
CMS 341, Digital Communications
INF 304D, Introduction to Information Studies
INF 315E, Information and Culture: Human Computer Interaction
INF 315E, Information and Culture: Introduction to Digital Cultures
INF 327E, Information and People: Comics, Graphic Novels, & Manga
INF 327E, Information and People: Media & Literacy
INF 350E, Concepts & Practices in Information Security
INF 331C , Beyond Google
INF 335C, Information in Cyberspace
INF 350E, Information in Society: Information Ethics
INF 350E, Technologies of the Book
INF 350G, Information in Society: Historical Museums: Context & Practice
J 355F, Living in the Information Age
J 336F, Social Media Journalism
RHE 309K, Rhetoric and Digital Life

RHE 330C, Digital Rhetorics of Satire
RHE 330C, Digital Self and Rhetoric
RHE 330C, Writing with Sound
RTF 331P, Internet Cultures
RTF 326C, Tech Culture
MUS 329E, Intro to Electronic Media
MUS 329J, Introduction to Computer Music

Project-Based Capstones
AHC 679HB, Classical Studies Honors Tutorial Course#
E679 HB, English Honors Thesis#
GOV 679HB, Honors Tutorial Course#
HIS 679HB, History Honors Tutorial Course#
LAH 679TB, Liberal Arts Honors Thesis#
LIN 679HB, Linguistics Honors Tutorial Course#
MES 679HB, Middle Eastern Studies#
PHL 679HB, Philosophy Honors Tutorial Course#
RHE 330C, Digital Storytelling
RHE 679HB, Rhetoric Honors Tutorial Course#
RS 679HB, Religious Studies Honors Tutorial Course#
REE 679HB, Slavic and Eurasian Studies Tutorial Course#
POR 379H, Spanish and Portuguese Honors Tutorial Course#
SPN 377H, Spanish and Portuguese Honors Tutorial Course#
UGS 320K, Supervised Research
UGS 320L, Independent Inquiry

#Courses with Pre-Requisites
Capstone courses may also be arranged as individual study courses between one student and one faculty member.