



OFFICE OF THE FACULTY COUNCIL

THE UNIVERSITY OF TEXAS AT AUSTIN

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April 7, 2018

Provost Maurie McInnis
The University of Texas at Austin
MAI 201
Campus Mail Code: G1000

Dear Provost McInnis,

Enclosed for your consideration and action is a proposal to create a Digital Humanities Certificate in the College of Liberal Arts and the School of Information chapters in the *Undergraduate Catalog, 2018-2020* D 16403-16410. The proposal is classified as being of *general* interest to more than one college or school and was approved by the Faculty Council on a no-protest basis on April 6, 2018. The authority to grant final approval of this legislation resides with your office on behalf of the President.

Please let me know if you have questions or if I can provide other information concerning this item.

Sincerely,

A handwritten signature in cursive script that reads "Alan W. Friedman".

Alan W. Friedman, Secretary
General Faculty and Faculty Council
The University of Texas at Austin
Arthur J. Thaman and Wilhelmina Doré Thaman Professor of English and Comparative Literature

AWF:dlr Enclosure

ec: Lydia A. Cornell, Administrative Program Coordinator, Provost's Office
Michelle K. George, Administrative Manager for Faculty Affairs, Provost's Office
Richard R. Flores, Senior Associate Dean for Academic Affairs, College of Liberal Arts
John E. St. Lawrence, Senior Administrative Associate, College of Liberal Arts

DOCUMENTS OF THE GENERAL FACULTY

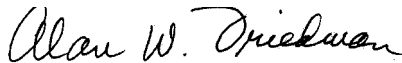
**PROPOSAL TO ADD A DIGITAL HUMANITIES CERTIFICATE IN THE COLLEGE OF LIBERALS
ARTS CHAPTER IN THE *UNDERGRADUATE CATALOG, 2018-2020***

Dean Randy L. Diehl in the College of Liberal Arts has filed with the Secretary of the Faculty Council the following proposal to add a Digital Humanities Certificate in the College of Liberal Arts chapter in the *Undergraduate Catalog, 2018-2020*. On September 28, 2017, Dean Flores approved the proposal. On April 3, 2017, Philip Doty, Associate Dean in the School of Information approved the proposal. The Secretary has classified this proposal as legislation of general interest to a more than one single college or school.

The Committee on Undergraduate Degree Program Review recommended approval of the proposal on March 21, 2018, and forwarded it to the Office of the General Faculty. The Faculty Council has the authority to approve this legislation on behalf of the General Faculty. The authority to grant final approval on this legislation resides with the Provost on behalf of the President.

If no objection is filed with the Office of the General Faculty by the date specified below, the legislation will be held to have been approved by the Faculty Council. If an objection is filed within the prescribed period, the legislation will be presented to the Faculty Council at its next meeting. The objection, with reasons, must be signed by a member of the Faculty Council.

To be counted, a protest must be received in the Office of the General Faculty by April 6, 2018.



Alan W. Friedman, Secretary of the General Faculty and Faculty Council
The University of Texas at Austin
Arthur J. Thaman and Wilhelmina Doré Thaman Professor of English and Comparative Literature

**PROPOSAL TO ADD A DIGITAL HUMANITIES CERTIFICATE IN THE COLLEGE OF LIBERALS
ARTS CHAPTER IN THE *UNDERGRADUATE CATALOG, 2018-2020***

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 LINDA DICKENS, DIRECTOR OF ACCREDITATION AND ASSESSMENT, 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)

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> Courses in other colleges | <input checked="" type="checkbox"/> Courses in proposer's college that are frequently taken by students in other colleges | <input type="checkbox"/> Flags |
| <input type="checkbox"/> Course in the core curriculum | <input type="checkbox"/> Change in course sequencing for an existing program | <input checked="" type="checkbox"/> Courses that have to be added to the inventory |
| <input type="checkbox"/> Change in admission requirements (external or internal) | <input type="checkbox"/> 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 to 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? Thirty more students/year
- c. Do you anticipate a net increase (or decrease) in the number of students from outside of your college taking classes in your college? Thirty students/year Yes No
If yes, please indicate the number of students and/or class seats involved. Thirty students/year
- d. Do you anticipate a net increase (or decrease) in the number of students from your college taking courses in other colleges? Yes No
If yes, please indicate the number of students and/or class seats involved. Thirty 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? Thirty 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 Undergraduate Studies Education
Date of communication:	continuously
Response:	positive
College of Liberal Arts	
Person communicated with:	Richard Flores, Senior Associate Dean for Academic 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 Certificate
5. **CIP CODE** (administrative unit awarding the certificate): College of Liberal Arts, in coordination with the School of Information, CIP code 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 and will be certified by the College of Liberal Arts, but will also have committee membership from the School of Information to coordinate curriculum and will appear in both colleges' catalogs. Students take eighteen credit hours from a selection of courses taught in different departments and colleges at UT Austin 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) Twelve 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:**
Fifteen 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):** Eighteen hours

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

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 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 (DH),
- (2) Twelve 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 twenty-five; 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 programming, 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 Austin 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, multimodality, 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 Austin, 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 master's 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 Austin 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 Austin'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:

Dean approval date: April 3, 2017 Associate Dean Philip Doty, School of Information

PROPOSED NEW CATALOG TEXT:

To appear in the College of Liberal Arts chapter and the School of Information chapter of the *Undergraduate Catalog*.

MINOR AND CERTIFICATE PROGRAMS**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 eighteen credit hours from a selection of courses taught in different departments and colleges at UT Austin 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) Twelve 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.