



**ESTABLISHING GRADUATE CERTIFICATES
ARIZONA STATE UNIVERSITY
GRADUATE EDUCATION**

This form should be used by programs seeking to establish a new graduate certificate. All sections should be completed.

The graduate certificate is a programmatic or linked series of courses in a single field or in one that crosses disciplinary boundaries. The graduate certificate facilitates professional growth for people who already hold the baccalaureate degree, and it may be freestanding or linked to a degree program. The graduate certificate enables the university to respond to societal needs while promoting university cooperation with corporate, industrial, and professional communities.

Submit the completed and signed (chairs, unit deans) proposal to the **Office of Graduate Academic Programs** in Graduate Education. Mail code: 1003 and electronic copies to eric.wertheimer@asu.edu or amanda.morales-calderon@asu.edu.

Please type.

Contact Name(s): Matthew Garcia	Contact Phone(s): 480-965-9092
College: College of Liberal Arts and Sciences	
Department/School: School of Historical, Philosophical and Religious Studies	
Name of proposed Certificate: Certificate in Digital Humanities	
Requested Effective Term and Year: Spring 2016 (e.g. Fall 2014)	
Do Not Fill in this information: Office Use Only	
CIP Code:	

1. OVERVIEW. Below, please provide a brief overview of the certificate, including the rationale and need for the program, potential size and nature of the target audience, information on comparable programs (at ASU and/or peer institutions), how this program would relate to existing programs at ASU, and any additional appropriate information.

The digital revolution has transformed every discipline in the university, including humanities and qualitative social science fields. The graduate certificate in Digital Humanities will provide graduate students with methods and skills central to conducting humanities research that employs both qualitative and quantitative approaches. Specifically, it is designed to provide graduate students in the humanities and social science with cross training in interdisciplinary collaboration, project-based communication skills, and the simultaneous application of quantitative and qualitative research skills.

This certificate highlights an area of excellence within ASU that has emerged across its colleges, schools, and departments. It is integral to the effort of transforming the humanities at ASU into new transdisciplinary configurations. Additionally, the certificate is a key component of a strategic initiative in graduate education funded by the Andrew W. Mellon foundation and the Modern Language Association, which is meant to enrich and enhance the skillsets available to graduate students in humanities and social science at Arizona State University. Trends in academic employment suggest that there has been a forty-three percent increase in Digital Humanities academic positions listed by the Modern Language Association from 2008-2012. Further evidence of growth in this area is the establishment of the Office for Digital Humanities within the National Endowment for the Humanities. According to public documents, the Mellon Foundation has awarded more than 17 million dollars in grants to support digital humanities research and curricula. Thus, the proposed certificate responds to urgent professional and intellectual opportunities worldwide.

In establishing this certificate, ASU will leap to the forefront of institutions offering comparable certificates. While University of Victoria, University of California, Los Angeles, Michigan State University, Stanford, Chapel Hill, University of Nebraska-Lincoln, all offer a version of a Digital Humanities certificate, these are not noted on transcripts. By contrast, ASU's graduate certificate in Digital Humanities would be unique in that it would appear on a student's transcript, making it visible to employers and graduate programs. Many digital humanities programs have very limited engagement with faculty in computational sciences and engineering; by drawing on the collaborative and interdisciplinary traditions at ASU we will be able to offer students with courses from across the divisions of Humanities and Sciences. Because we are asking students to develop competency in a selected area of technical

work (by completing a technical course), our certificate will be the most rigorous course of study and the broadest participation across disciplines of its kind. Additionally, CDH 580 and 593 are designed to enable graduate students to master project and data management skills that are absolutely central to successful work in digital humanities research, which is deeply collaborative and long-term in ways rarely seen elsewhere in the humanities.

2. ADMINISTRATION AND RESOURCES

- A. How will the proposed certificate be administered (including recommendations for admissions, student advisement, retention etc.)? Describe the administering body in detail, especially if the proposed certificate is part of a larger interdisciplinary agenda. How will the graduate support staffing needs for this proposed certificate program be met?**

Administrative responsibilities will be coordinated by the School of Historical, Philosophical and Religious Studies at ASU. The Graduate Programs Student Services Support Coordinator will guide students from admission to completion of the certificate. Additionally, Graduate Coordinator will oversee the administration of admission, iPOS, and any other administrative details.

- B. What are the resource implications for the proposed certificate, including projected budget needs?**

Will new books, library holdings, equipment, laboratory space and/or personnel be required now or in the future? If multiple units/programs will collaborate in offering this certificate, please discuss the resource contribution of each participating program. Letters of support must be included from all academic units that will commit resources to this certificate program.

There are no additional fiscal resources needed for this proposed certificate. The new required course will be staffed in regular rotation by existing faculty with expertise in this area (currently that pool includes Jacqueline Wernimont, Manfred Laubichler, Mark Tebeau, and a “to be named” new hire in Environmental Science and Digital Humanities). CDH 580/593 will be staffed by existing Nexus Lab staff, Michael Simeone and Jacqueline Hettel, as the Nexus Lab has a ready framework of expertise, resources, and space to incubate projects and internships. The Mellon grant provides for funding for administrative support from a Graduate Fellow.

While this proposed certificate does not require new resources, it does necessitate the continuing support of IHR Nexus Lab equipment and staff, and cost sharing between the various units (English, SHPRS, AME) and whatever external support is generated by the Lab.

3. ADMISSIONS PROCEDURES AND CRITERIA

- A. Admission criteria** – Applicants must meet the admissions criteria for Graduate Education. Please also include any other additional admission requirements, e.g. type of undergraduate degree, minimum GPA, tests and/or entry-level skills that are required for this certificate program.
(http://graduate.asu.edu/sites/default/files/GraduatePolicies_1.pdf)

Admission is open to all ASU graduate students enrolled in an existing program and in good standing. Students will be asked to outline a desired interdisciplinary area of inquiry. For example, a student who works on digital rhetoric/literacy may want to understand how to create and manage social media data sets or how to create a social media application. Alternatively, a student in SILC may want to study digital archives of Slavic literature and may need to understand how digital archives are enmeshed in national and capitalist networks.

Degree(s): A bachelor's degree in any field, including, but not limited to: English, foreign language and culture degrees, History, Media Studies, Computer Science, media and production engineering degrees, etc. Students who are interested in interdisciplinary work are particularly well-suited for this certificate.

GPA: Minimum of a 3.00 cumulative GPA (scale is 4.0=A) in the last 60 hours of a student's first bachelor's degree program. Minimum of 3.00 cumulative GPA (scale is 4.0 = A) in the applicable Master's degree.

English Proficiency Requirement for International Applicants: (See Graduate Education policies and procedures) (http://graduate.asu.edu/admissions/international/english_proficiency): 100 IBT and 600 paper-based TOEFL, 7.0 or higher on the IELTS, a grade of A in all of advanced in ASU AECF.

Required Admission Examinations: GRE GMAT Millers Analogies None required

B. Application Review Terms

Indicate all terms for which applications for admissions are accepted and the corresponding application deadline dates, if any:

To select desired box, place cursor on the left side of the box, right click mouse, select **Properties**, under **Default Value** select **Checked**, press **OK** and the desired box will be checked

Fall Deadline (month/year): March 15th, 2016

Spring Deadline (month/year): November 15th, 2015

C. Projected annual admission/enrollment

How many students will be admitted immediately following final approval of the certificate? What are enrollment projections for the next three years?

Immediately admitted- 5 students

1st Year- 5 students 2nd year- 10 students 3rd year- 20 students

D. Allow 400-level courses: Yes (One 3 credit hour 400 level course will be allowed).

4. ACADEMIC REQUIREMENTS

A. Minimum credit hours required for certificate (15 credit hour minimum)

15

B. Please describe the primary course delivery mode, (e.g., online, face-to-face, off-site etc.). Please note: If this proposed initiative will be offered completely online, clearly state that in this section.

Courses will be delivered face-to-face.

C. As applicable, please describe culminating experience required (e.g., internship, project, research paper, capstone course, etc.)

Students will develop project-based expertise in the CDH 580 Digital Humanities Lab and the applied project experience. The lab and the CDH 593 Applied Project course will be overseen by Jacqueline Hettel and Michael Simeone, who are both Graduate Faculty in CLAS. Hettel and Simeone work with a collection of internal

research projects led by Nexus Lab or collaborating ASU investigators, as well as external research partnerships. Students in the courses will be assigned to projects based on their interests, skills, and the needs of the project collection. In the course of this work, students will have multiple opportunities to engage deeply in the design, implementation, and project management of digital humanities research projects. The culminating experience will be a final paper regarding the student's work on the applied project that is submitted while the students are enrolled in the CDH 593 course. The paper and any products from the applied project will be submitted to a lead faculty mentor, who will evaluate the scholarship presented in collaboration with Hettel and Simeone.

D. What knowledge, competencies, and skills (learning outcomes) should graduates have when they complete this proposed certificate program? Examples of program learning outcomes can be found at (<https://uoeee.asu.edu/program-outcomes>).

Students will be able to:

- A. identify key questions central to liberal arts and humanities traditions for digital cultural production and relevant computational production;
- B. articulate the scope and aims of digital humanities inquiry as it relates to their area of interest;
- C. engage with computational practice from a critical perspective and leverage those insights to address relevant cultural/social problems;
- D. analyze, develop, and implement best practices of formal Project Management (milestone setting, team collaborative goal setting and assessment, sustainability and risk assessment, budgeting and navigating institutional systems, etc) as applied to Digital Humanities projects (these are not conventional skills in humanities graduate training and are essential to DH projects, which are collaborative and long-term)
- E. perform data acquisition and management for research analysis;
- F. carry out humanities research that either is based on digital data or is represented in digital media;
- G. demonstrate the ability to conduct research in collaborative teams that include practitioners from library and information science, computer science, quantitative analysis, as well as more traditional humanities disciplines.

E. How will students be assessed and evaluated in achieving the knowledge, competencies, and skills outlined in 4.C. above? Examples of assessment methods can be found at (<http://www.asu.edu/oue/assessment.html>).

Outcome 1. Students will be able to identify key questions central to liberal arts and humanities traditions for digital cultural production and relevant computational production;

Measurement 1. CDH 501 will measure student ability to identify key questions with a mid-term exam that will include short answer questions on digital and technological impacts on humanities inquiry

Performance Criterion 1. 80% of students will achieve a 60% or better grade on the mid-term exam.

Measurement 2. The final project for CDH 501 is a mock application to the NEH-ODH Start-Up program, which specifically evaluates proposals based on "impact in the humanities," and articulation of a clear and necessary research question.

Performance Criterion: The course instructor will evaluate this measure for completeness, successful articulation of a research area and impact, and appropriate project scope. 80% of students will achieve 70/100 on the grading scale.

Measurement 3. The white paper for CDH 593 will be evaluated by instructor/supervisor based on the need to clearly articulate an interdisciplinary research problem and its potential impact in the research area and to concisely articulate project aims and outcomes.

Performance Criterion: The course instructor will evaluate this measure for completeness, successful articulation of a research area and impact, and appropriate project scope. 80% of students will achieve 70/100 on the grading scale.

Outcome 2. Students will be able articulate the scope and aims of digital humanities inquiry as it relates to their selected interdisciplinary area

Measurement 2. The final project for CDH 501 is a mock application to the NEH-ODH Start-Up program, which specifically evaluates proposals based on “impact in the humanities” and articulation of a clear and necessary research question.

Performance Criterion: The course instructor will evaluate this measure for completeness, successful articulation of a research area and impact, and appropriate project scope. 80% of students will achieve 70/100 on the grading scale.

Measurement 3. The white paper for CDH 593 will be evaluated by instructor/supervisor based on the need to clearly articulate an interdisciplinary research problem and its potential impact in the research area and to concisely articulate project aims and outcomes.

Performance Criterion: The course instructor will evaluate this measure for completeness, successful articulation of a research area and impact, an assessment of benefits and sacrifices of research problem formulation, and appropriate project scope. 80% of students will achieve 70/100 on the grading scale.

Outcome 3. Students will be able to engage with computational practice from a critical perspective and leverage those insights to address relevant cultural/social problems.

Measurement 1. The applied project paper will be evaluated on a number of criteria, including the successful articulation of an assessment of benefits and sacrifices of selected technological and methodological choices and an ability to connect the research effort to cultural/social problems.

Performance Criterion: the instructor/supervisor will evaluate this paper and 80% of students will achieve 70/100 on the grading scale.

Outcome 4. Students will be able analyze, develop, and implement best practices of formal Project Management (milestone setting, team collaborative goal setting and assessment, sustainability and risk assessment, budgeting and navigating institutional systems, etc) as applied to Digital Humanities projects

Measurement 1. Project management skill implementation will be measured by a team project charter that outlines scope of managing a project from inception to execution and transfer/closeout (CDH 580)

Performance Criterion: the 593 Instructor will evaluate this paper and 80% of students will achieve 70/100 on the grading scale.

Outcome 5. Students will be able to perform data acquisition and management for research analysis;

Measurement 1. Data acquisition and management will be measured through evaluation of the project specified data repository and documentation in CDH 580, which should include outline with domain expertise the project data types, platform types (where relevant), metadata and identify sustainability/transfer issues, identify collection risks/limits, and provide a clear documentation document that specifies all data types, sources, locations, and provisions for future management.

Performance Criterion: the 580 Instructor will evaluate data repository and documentation and 80% of students will achieve a 60% or higher grade.

Measurement 2. the preparation of selected data (text, image, video, audio, etc.) for use in the research project will be evaluated by the 580 Instructor

Performance Criterion: the 580 Instructor will evaluate the preparation of the data for application in the particular project (including have clean, regularized data or having prepared texts and audio files) and 80% of students will achieve a 60% or higher grade.

Outcome 6. Students will be able carry out humanities research that either is based on digital data or is represented in digital media;

Measurement 1. Successful digital humanities research will be measured by instructor/supervisor evaluation of the applied project and accompanying white paper in CDH 593.

Performance Criterion: the 593 Instructor will evaluate data repository and documentation and 80% of students will achieve a 60% or higher grade.

Outcome 7. Students will demonstrate the ability to conduct research in collaborative teams that include practitioners from library and information science, computer science, quantitative analysis, as well as more traditional humanities disciplines.

Measurement 1. Ability to conduct research in collaborative teams will be evaluated by the course Instructor through the applied project work plan, which should have appropriate expertise and responsibility assignments, and the outcome assessment in 593, which will articulate project successes, challenges, and impacts.

Performance Criterion: the 593 Instructor will evaluate the project work plan and outcome assessment and 80% of students will achieve a 60% or higher grade.

For indirect measurement of outcomes A-G we will use final course evaluations (for all courses)

For indirect measurement of student confidence in outcomes A-G we will use an exit survey for graduating students

F. Please state the Satisfactory student academic progress standards and guidelines (including any time limits for completion).

1. Maintain a minimum of 3.00 GPA on both the iPOS and Graduate GPAs. If either GPA falls below 3.00, the student must develop, with their advisor, an academic performance improvement plan that includes the conditions and timeframes for making satisfactory academic progress in their degree program. The student is considered to be on academic probation until the conditions specified in the academic performance improvement plan are met and both GPAs are above 3.00. If the student fails to bring their GPA above a 3.00 before the approved timeframe (typically one semester), then they will be recommended to Graduate Education for removal from the certificate program.
2. Satisfy all requirements of the certificate program.
3. Satisfy the maximum time limit for graduation from the certificate, which is 6 years.
4. Successfully complete the culminating experience.
5. Graduate students must stay continuously enrolled in their degree program. Failing to do so without a Graduate Education approved Request to Maintain Continuous Enrollment is considered to be lack of academic progress and may lead to automatic dismissal of the student from the certificate program. Only one "I" or "Incomplete" grade will be allowed during enrollment within the certificate. Students who receive two or more "I" grades may be recommended for dismissal from the certificate. Additionally, only one "W" or "Withdrawal" grade will be allowed during enrollment within the certificate. Students who receive two or more "W" grades may be recommended for dismissal from the certificate. "I" or "W" grades cannot be counted or included on the iPOS as credits towards the certificate. The student must retake the course in which they received an "I" or "W" in order to receive course credit.

G. Will this proposed certificate program allow sharing of credit hours from another ASU degree program to be used as part of this certificate program? (Please note that a maximum of 12 graduate-level credit hours taken as a non-degree student at ASU, including as a part of a certificate program, may be used towards a future graduate degree at ASU).

Yes, students will be able to use courses identified in consultation with graduate program advisor that may be in their home graduate program as electives for the certificate where appropriate.

H. Below, please list all required and elective courses in the appropriate boxes (you may attach additional pages if necessary).

*Please ensure that all new core course proposals have been submitted to the Provost's office through the Curriculum ChangeMaker online course proposal submission system before this initiative is put on the University Graduate Council and CAPC agendas. **Please note: a minimum of 2/3 of the courses required for a graduate certificate must be at the 500-level or above.***

The certificate is designed to enable students from across the humanities and computational sciences to develop expertise in transdisciplinary inquiry. Students will enter with expertise in their enrolled graduate program and will

craft a course of study for the certificate that draws on their existing curriculum in their enrolled graduate program, while also training them in new methods.

- Students coming from a computational background should select at least one elective that enhances their skills in humanistic inquiry.
- Students coming from a humanities or arts discipline should select at least one elective that develops computational/technical skills.
- Students who come from backgrounds other than computer sciences or humanities and the arts will work with their academic advisor to select appropriate elective coursework.

Because many of the courses listed themselves are transdisciplinary, students should consult with the graduate advisor and their CDH faculty when making their elective selections.

Required Courses			Credit Hours
<i>(Prefix & Number)</i>	<i>(Course Title)</i>	<i>(New Course?) Yes or No?</i>	(Insert Section Sub-total) 3
CDH 501	Digital Humanities: Critical Theory and Methods	Yes	3
Electives (Students choose two courses from either the Humanistic or Computational course list below for a total of six credit hours. Other courses may be selected if approved by the academic unit).			Credit Hours
<i>(Prefix & Number)</i>	<i>(Course Title)</i>	<i>(New Course?) Yes or No?</i>	(Insert Section Sub-total) 6
Humanistic Approach Course List			
AME 530	Experiential Media Methodology and Theory I	No	3
AME 541	Interactive Forms	No	3
ENG 494	Topic: Writing in Digital Communities	No	3
ENG 553	Technologies of Writing	No	3
ENG 553	Technologies of Writing Topic: Video Game Studies	No	3
ENG 560	Genre Studies Topic: Digital Rhetoric	No	3
ENG 654	Advanced Studies in Rhetoric, Writing, Technology, and Culture Topic: Digital Literacies and Social Media	No	3
ENG 447, OR FMS 442, OR SLC 450	Experimental Narrative	No	3
FMS 483	Techno-Entertainment Convergences	No	3
ENG 421	Studies in Shakespeare	No	3
DCE 540	Issues in Media for Dance	No	3
IAP 465	Media Technologies and the Arts	No	3
IAP 466	Digital Interactivity, Advanced	No	3
IAP 467	Acoustic Ecology	No	3
IAP 494	Advanced Video Production	No	3
COM 429	Semiotics and Visual Communication	No	3
HST 502	Public History Methodology	No	3

Computational Approach Course List			
AME 494	Topic: Animating Virtual Worlds	No	3
AME 494	Topic: Interactive Materials	No	3
AME 494	Topic: Programming for Social and Interactive Media	No	3
AME 532	Creating by Algorithm	No	3
BMI 501	Introduction to Biomedical Informatics	No	3
BMI 502	Foundations of Biomedical Informatics Methods I	No	3
BIO 570	Fundamentals of CAS Science	No	3
FSE 501	Technology Entrepreneurship	No	3
GIS 501	Fundamentals of Geographic Information Science	No	3
GIT 502	New Media Internet Technologies	No	3
GIT 515	Website Design and Technologies	No	3
GIT 519	Advanced Scripting for the Web	No	3
GTD 506	Quantitative Analysis in Technology and Development	No	3
IFT 510	Principles of Computer and Information Technology	No	3
IFT 530	Information Analysis, Modeling, Representation, and Communication	No	3
IFT 540	Software Development for Information Technology	No	3
OMT 504	Law and Ethics for Technical Professionals	No	3
OMT 520	Strategic Management of Technology	No	3
SMC 521	Methods and Tools in Simulation and Modeling	No	3
SMC 541	Foundations of Simulation and Modeling	No	3
STP 501	Theory of Statistics I: Distribution Theory 3	No	3
STP 502	Theory of Statistics II: Inference	No	3
STP 535	Applied Sampling Methodology	No	3
CST 500	Research Methods	No	3
COM 507	Qualitative Research Methods in Communication	No	3
COM 508	Quantitative Research Methods in Communication	No	3
<u>Culminating Experience (if Applicable)</u>			<u>Credit Hours</u> (Insert Section Sub-total) 3
CDH 593	Applied Project	No	3
<u>Other Requirements</u> <i>E.g. - Internships, clinical requirements, field studies as applicable</i>			<u>Credit Hours</u> (Insert Section Sub-total) 3
CDH 580	Digital Humanities Lab	Yes	3

Total required credit hours			15


5. PRIMARY FACULTY PARTICIPANTS - Please list all primary faculty participants for the proposed certificate, including home unit and title. You may attach additional pages if necessary.		
Name	Home Unit	Title
Jacqueline Wernimont	English	Assistant Professor
Alice Daer	English	Assistant Professor
Dan Gilfillan	German	Associate Professor
Eric Wertheimer	English	Professor
Mark Tebeau	History	Professor
Michael Simeone	English	Graduate Faculty and Director, Nexus Lab
Jacqueline Hettel	English	Graduate Faculty and Assistant Director, Nexus Lab
Manfred Lubichler	Biology	Professor
Sha Xin Wei	Arts, Media, Engineering	Director


6. REQUIRED SUPPORTING DOCUMENTS
(Please label accordingly, i.e., Appendix or Attachment A, B, etc.)

Please include the following with your proposal:

- A. Sample plans of study for students in the proposed program (See Appendix B)
- B. Statements of support from all deans and heads of impacted academic units (See Appendix C)

7. APPROVALS - If the proposal submission involves multiple units, please include letters of support from those units.

DEPARTMENT CHAIR or SCHOOL DIRECTOR (PRINT/TYPE)	
Matthew Garcia	
SIGNATURE	DATE
	1/30/15

DEAN (PRINT/TYPE)	
Paul C. LePore	
SIGNATURE	DATE
	3-24-15

The following section will be completed by Graduate Education following the recommendations of faculty governance bodies.

VICE PROVOST FOR GRADUATE EDUCATION	
SIGNATURE	DATE

Please note: Proposals for new certificates also require the review and recommendation of approval from the University Graduate Council, Curriculum and Academic Programs Committee (CAPC), the Academic Senate, and the Office of the Provost before they can be put into operation.

The final approval notification will come from the Office of the Provost.

GF1112G-89

APPENDIX A

OPERATIONAL INFORMATION FOR GRADUATE CERTIFICATES

(This information is used to populate the [Graduate Programs Search](#) website.)

1. Provide a brief (catalog type - no more than 150 words) program description.

The graduate certificate in digital humanities provides students with methods and skills central to conducting humanities research that employs both qualitative and quantitative approaches. Although the certificate is specifically designed to provide graduate students in the humanities and arts, social sciences, and computer sciences with cross training in interdisciplinary collaboration, project-based communication skills, critical theory, and the simultaneous application of quantitative and qualitative problem solving skills, the program is open to students from all backgrounds. This certificate highlights an area of excellence within ASU that has emerged across its colleges, schools, and departments and is integral to the effort of transforming the humanities at ASU into new transdisciplinary configurations.

Breakdown of requirements for the academic catalog:

- Core (3)
 - CDH 501 Digital Humanities: Critical Theory and Methods (3)
- Electives (6)
- Other Requirement: (3) credit hours of CDH 580 Digital Humanities Lab
- Culminating Experience: (3) credit hours of CDH 593 Applied Project
- Total number of credit hours required for the certificate: 15

2. Contact and Support Information:

Office Location (Building & Room): Coor Hall 4482	Campus mail code: 4302
Campus Telephone Number: 480-965-9092	Program Director (Name and *ASU ID): Matthew Garcia (mgarci38)
Program email address: SHPRSGradInfo@asu.edu	Program Support Staff (Name and *ASU ID): Katie Hamilton (klaclair)
Program website address: https://shprs.clas.asu.edu/graduate/certificate/digital-humanities-grad-certificate	Admissions Contact (Name and *ASU ID): Katie Hamilton (klaclair)

* **ASU ID** (e.g. SHJONES)

3. Application and iPOS Recommendations: List the Faculty and Staff that will input admission/POS recommendations to Gportal **and** indicate their approval for Admissions and/or POS:

Name	* EMPL ID	ADMSN	POS
Katie Hamilton	1001456288	X	X
Roxanne Shand	1000900196	X	X

* **EMPL ID** (e.g. 100778882)

4. Campus(es) where program will be offered: * Downtown Tempe
 Online (only) West
 Polytechnic

* **To select desired box**, place cursor on the left side of the box, right click mouse, select **Properties**, under **Default Value** select **Checked**, press **OK** and the desired box will be checked

5. **Keywords:** (List all keywords that could be used to search for this program. Keywords should be specific to the proposed program.)

Digital humanities, certificate, public history, public humanities, digital

6. **Area(s) of Interest:**

* **To select desired box**, place cursor on the left side of the box, right click mouse, select **Properties**, under **Default Value** select **Checked**, press **OK** and the desired box will be checked

- A. Select one (1) primary area of interest from the list below that applies to this program.

- [Architecture & Construction](#)
- [Arts](#)
- [Business](#)
- [Communications & Media](#)
- [Education & Teaching](#)
- [Engineering & Technology](#)
- [Entrepreneurship](#)
- [Health & Wellness](#)
- [Humanities](#)
- [Interdisciplinary Studies](#)
- [Law & Justice](#)
- [Mathematics](#)
- [Psychology](#)
- [STEM](#)
- [Science](#)
- [Social and Behavioral Sciences](#)
- [Sustainability](#)

- B. Select one (1) secondary area of interest from the list below that applies to this program.

- [Architecture & Construction](#)
- [Arts](#)
- [Business](#)
- [Communications & Media](#)
- [Education & Teaching](#)
- [Engineering & Technology](#)
- [Entrepreneurship](#)
- [Health & Wellness](#)
- [Humanities](#)
- [Interdisciplinary Studies](#)
- [Law & Justice](#)
- [Mathematics](#)
- [Psychology](#)
- [STEM](#)
- [Science](#)
- [Social and Behavioral Sciences](#)
- [Sustainability](#)

APPENDIX B – Plan of Study

Computational Focus

Term 1	Term 2
CDH 501: Digital Humanities: Critical Theory and Methods (3) ENG 553: Topic: Video Game Studies (3)	CDH 580: Digital Humanities Lab (3) ENG 494: Topic: Writing in Digital Communities (3)
Term 3	
CDH 593: Applied Project (3)	

Humanities Focus

Term 1	Term 2
CDH 501: Digital Humanities: Critical Theory and Methods (3) FSE 501: Technology Entrepreneurship (3)	CDH 580: Digital Humanities Lab (3) IFT 530: Information Analysis, Modeling, Representation, and Communication (3)
Term 3	
CDH 593: Applied Project (3)	

APPENDIX C - Letters of Support

School of Arts, Media, + Engineering- Director Support

From: Xin Wei Sha <Xinwei.Sha@asu.edu>
Date: Wednesday, January 28, 2015 at 5:41 AM
To: Jacqueline Wernimont <Jacqueline.Wernimont@asu.edu>
Cc: Todd Ingalls <Todd.Ingalls@asu.edu>, Stacey Kuznetsov <kstace@asu.edu>, wertheim <eric.wertheimer@asu.edu>
Subject: Re: follow up on DH certificate meeting

Hi Eric and Jacque and Katie,

It was great to talk with you about the proposed grad certificate in Digital Humanities (15 credit-hours). Please count AME in.

Let me introduce you to two colleagues, Todd Ingalls — Assistant Director of AME and Graduate Program Chair, and Stacey Kuznetsov, our newest faculty. Stacey's got the interest (and chops!) in citizen science, DIY sensing of environment and biological agents, and is teaching an interesting undergrad course in making things with active materials coupled with critical theoretic reflection on the implications for such technics.

Todd can talk with you about our MA Digital Culture, and PhD Media Arts and Sciences programs.

To give an idea of what we offer to our incoming grads, I send a description of our current first year grad pro-seminar:

Experiential Media Methodology and Theory I: From Representation to Performance
<http://ame530.weebly.com/>

Experiential Media Methodology and Theory II
<http://ame531.weebly.com/>

Todd has the more complete picture of the grad program as conceived.

Cheers,
Xin Wei

Department of English- Graduate Director

From: Ronald Broglio <Ronald.Broglio@asu.edu>
Date: Thursday, January 29, 2015 at 9:31 AM
To: wertheim <eric.wertheimer@asu.edu>
Cc: Mark Lussier <MARK.LUSSIERS@asu.edu>
Subject: Re: Computational and Digital Humanities graduate certificate

Hi Eric

Nice job. For my part as DGS in English, this looks fine and proves no significant burden on the dept that cannot be fulfilled with existing faculty and resources.

I'm glad to see Xin Wei and AME involved as well.

Ron

School of International Letters & Cultures- Chair Support

From: Joe Cutter
Sent: Thursday, January 29, 2015 1:30 PM
To: Eric Wertheimer; Markus Cruse
Cc: Katie Hamilton; Jacqueline Wernimont
Subject: Re: Computational and Digital Humanities graduate certificate

Eric,

SILC supports the proposal.

Joe

Robert Joe Cutter
Director, School of International Letters & Cultures
Arizona State University

Department of English- Chair Support

From: Mark Lussier <MARK.LUSSIER@asu.edu>
Date: February 1, 2015 at 8:05:32 PM MST
To: Ronald Broglio <Ronald.Broglio@asu.edu>, Eric Wertheimer <eric.wertheimer@asu.edu>
Subject: RE: Computational and Digital Humanities graduate certificate

I agree with Ron, and with English folks at the vanguard I see no burden but only benefit.

Best,

Mark

*Mark Lussier, Professor & Chair
Department of English
Barrett Honors College Faculty
Research Fellow, Center for the Study of Religion & Conflict
Senior Sustainability Scholar
Arizona State University
Tempe, AZ 85287-0302
English = (480) 965-3168
www.public.asu.edu/~idms/
<http://www.palgraveconnect.com/pc/doi/10.1057/9780230119895>*

School of Historical, Philosophical and Religious Studies

Associate Professor - Public History

From: Mark Tebeau
Sent: Monday, February 02, 2015 11:10 AM
To: Eric Wertheimer
Cc: Mark Tebeau; Katie Hamilton; Matthew Garcia; Jacqueline Wernimont
Subject: Re: Computational and Digital Humanities graduate certificate

Am happy to provide.

I can send a letter (if that's required) when I'm back in town on the 18th.

best

M

College of Health Solutions

Dean Support

On 2/16/15, 2:52 PM, "Keith Lindor" <Keith.Lindor@asu.edu> wrote:

Eric, we are certainly supportive of this program being launched.

School of Humanities, Arts, and Cultural Studies

New College of Interdisciplinary Arts and Sciences- Director Support

From: Louis Mendoza <Louis.G.Mendoza@asu.edu>
Date: Monday, March 30, 2015 at 9:23 AM
To: wertheim <eric.wertheimer@asu.edu>
Cc: Marlene Tromp <Marlene.Tromp@asu.edu>
Subject: Re: Computational and Digital Humanities graduate certificate

Dear Eric,

IAP faculty are in support of this proposal.

With respect to the course bank including IAP courses as electives, Arthur would like IAP 473 Aesthetic Research removed and Patricia would like IAP 494 Advanced Video Production added to the course bank.

With these caveats, noted we offer our full support for your proposal.

Louis

--

Dr. Louis Mendoza, Director

School of Humanities, Arts, and Cultural Studies

New College of Interdisciplinary Arts and Sciences

4701 W. Thunderbird Rd., FAB N201

Glendale, AZ 85306-4908

P.O. Box 37100, MC 2151, Phoenix AZ 85069-7100

Arizona State University

Office: 602-543-6242

<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>

School of Film, Dance, and Theatre- Director Support

From: Tamara Underiner <Tamara.Underiner@asu.edu>
Date: Tuesday, March 31, 2015 at 3:54 PM
To: wertheim <eric.wertheimer@asu.edu>
Subject: Re: Computational and Digital Humanities graduate certificate

Dear Eric and University Graduate Council,

Jacob Pinholster, Director of the School of Film, Dance and Theatre, has reviewed this proposal and is supportive of this new graduate certificate.

Thank you,

Tamara Underiner
Associate Dean for Research
Herberger Institute for Design and the Arts
Director, Doctoral Program in Theatre and Performance of the Americas
School of Film, Dance and Theatre
Arizona State University
Tempe, AZ 85287-2002
(480) 965-9858

Ira A. Fulton Schools of Engineering- Dean Support

From: Paul Johnson
Sent: Tuesday, March 31, 2015 4:50 PM
To: Eric Wertheimer
Cc: Katie Hamilton; Jacqueline Wernimont; Sandeep Gupta; James Collofello
Subject: RE: Computational and Digital Humanities graduate certificate

Hi Eric -

Sorry to be slow. I had to survey the troops before replying.

The Fulton Schools of Engineering is supportive of the graduate certificate in Computational and Digital Humanities.

There might be one course typo in the document (CBS 572 should be CSE 572 Data Mining?; you can discuss with Sandeep).

Good luck!

PCJ