UNIVERSITY OF MARY WASHINGTON – PROGRAM CHANGE PROPOSAL

Electronically submit this completed form with attachments in one file to the Chair of the College Curriculum Committee.

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<thead>
<tr>
<th>COLLEGE (check one):</th>
<th>Arts and Sciences</th>
<th>X</th>
<th>Business</th>
<th>Education</th>
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<tr>
<td>Proposal Submitted By:</td>
<td>Zach Whalen</td>
<td>Date Prepared: October 11, 2013</td>
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<tr>
<td>Department /Program:</td>
<td>Minor in Digital Studies</td>
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Note: for any program change entailing the addition any new courses, or revisions to existing courses, separate proposal for those course actions must also be submitted.

PROPOSAL TO CHANGE EXISTING PROGRAM (check no than one of the following)

<table>
<thead>
<tr>
<th>Requirement</th>
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<tr>
<td>Revise requirements for existing major</td>
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<td>Revise requirements for a concentration within an existing major</td>
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<td>Revise requirements for an existing degree program</td>
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<td>Revise requirements for existing certificate program</td>
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<tr>
<td>Revise requirements for existing minor</td>
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Implementation Date: FALL semester, year: Fall 2014

REQUIRED ATTACHMENTS FOR CHANGES TO EXISTING PROGRAMS:

1. Rationale statement (Why is this program change needed? What purposes will it serve?)
2. Impact Statement (Provide details about the Library, space, budget, technology, and impacts created by this program change. Supporting statements from the Library, IT Department, etc. evaluating the resource impact and feasibility of the program change are required.)
3. Catalog Copy (Provide the existing Catalog Description and the complete statement of the proposed new Catalog description that reflects the program changes)

PROPOSAL TO CREATE NEW PROGRAM NOT REQUIRING STATE ACTION

(check no more that one of the following)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Name</th>
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<tr>
<td>New concentration within existing major</td>
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<td>New minor</td>
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<tr>
<td>New Major but NOT a new degree*</td>
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*Use ONLY for interdisciplinary majors that will be grouped as part of the "Special Majors/General Liberal Arts and Sciences" degree (CIP Code 24.0101) or reported as a BLS degree (CIP Code 24.0199)

Implementation Date (semester and year): ______

REQUIRED ATTACHMENTS FOR NEW PROGRAMS NOT REQUIRING STATE APPROVAL:

1. Rationale statement (Why is this additional program needed? What purposes will it serve?)
2. Impact Statement (Provide details about the Library, space, budget, technology, and impacts created by this program change. Supporting statements from the Library, IT Department, etc. evaluating the resource impact and feasibility of adding the new program are required.)
3. Catalog Copy (Provide the complete Catalog Description for the proposed new program)

Program Change Proposal Cover Sheet (July 2013)
Rationale

The current proposal is to implement a few small changes to the list of elective courses for the Minor in Digital Studies. In the Proposed Catalog Copy below, you'll find the following updates:

- Change ENGL 376MM to ENGL 359
- Change ENGL 457S to ENGL 451
- Add MUTH 170 to list of electives
- Add HIST 428 and ENGL 451 to list of electives

The changes for ENGL 376MM and ENGL 457S are simply to reflect updates in those course numbers. MUTH 170 is Mark Snyder's course on the production of digital audio. He suggested it be added to the Minor, and we agree it's a logical fit.

Adding HIST 428 and ENGL 451 to the list of electives clarifies that DGST students may still earn Minor credit for these courses even if they are fulfilling their capstone requirement in some other way.

The proposed catalog entry also makes some changes to the list of affiliated faculty and updates some of the requirements language to be more clear.

ZW

Attachments:
1. Current Catalog Entry
2. Proposed Catalog Entry
3. Impact statement (no changes since the original Minor proposal of Fall 2013)
Proposal for Digital Studies Minor

Current Catalog Copy

Digital Studies Minor
Zach Whalen, Program Director

Affiliated Faculty
Antonio Barrenechea, Associate Professor of English, Linguistics, and Communication
Martha Burtis, Director of Special Projects, Teaching and Learning Technologies
Steven Farnsworth, Professor of Political Science
Carole Garmon, Professor of Art
James Groom, Director of Teaching and Learning Technologies
Rosemary Jesionowski, Assistant Professor of Art
Elizabeth Lewis, Professor of Spanish
Jeffrey McClurken, Associate Professor of History and American Studies
Carolyn Parson, University Archivist
Anand Rao, Associate Professor of English, Linguistics, and Communication
Mark Snyder, Assistant Professor of Music
Zach Whalen, Associate Professor of English, Linguistics, and Communication

The Digital Studies Program
Digital Studies engages students in the discovery, analysis, and creation of digital information and media. As an interdisciplinary minor, students will gain the academic and technological skills necessary to analyze information and communicate in an increasingly digital world. The Digital Studies Minor requires an introductory course, a capstone course, and elective courses across disciplines of study that explore the creation and use of digital information and the related social, legal, cultural, epistemological, and historical issues. Students will gain technological skills necessary to critically research, evaluate, and produce digital information and new media. Through collaborative work with digital tools, students will produce new information resources and will apply digital technologies in meaningful ways across various disciplines of study. The capstone experience requires independent research, interdisciplinary analysis, technological skills, and the production of a publicly accessible digital studies or new media project.

The minor incorporates the disciplines of American Studies, Anthropology, Art and Art history, Communication, Computer Science, English, Historic Preservation, History, Spanish, Music and Political Science from which students may select elective courses.

The minor is open to students from any discipline in the arts and sciences, education, or business colleges at UMW. Students interested in enrolling in the minor should contact the director of the Digital Studies minor for additional details.
Requirements for the Digital Studies Minor

Eighteen (18) credits to include one introductory class (DGST 101); one capstone course from an approved list; twelve credits (four courses) in electives from a pre-approved list. The electives must be in at least two different disciplines and at least two must be at the 300-level or beyond.

Introductory class for the Digital Studies Minor (DGST)

101 -- Intro to Digital Studies (3 credits)

Introduces an interdisciplinary approach to using technology and specifically provides a foundation for the Digital Studies Minor. Coursework may include digital approaches to creativity, historiography, media analysis and thinking critically about and through digital culture.

General Electives for the Digital Studies Minor (take at least 12 credits)

ARTS 104, 341, 454; COMM 353, 370F; CPSC 106; ENGL 202H, 245, 251Y, 314, 376MM, 376VV, 386; HISP 303; HIST 325, 471D7; PSCI 363, 471K1; SPAN 413

Electives may also include specific versions of courses taught by particular faculty or relevant special topics classes, as approved by the program director.

Capstone: (3 credits)

HIST 428 (McClurken); ENGL 457S (Whalen); 491s (individual or collaborative) or other courses as approved by the director.
Proposal for Digital Studies Minor

Proposed Catalog Copy

Digital Studies Minor
Zach Whalen, Program Director

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Electives may include other courses if approved by the program director, including special topics course or specific, digitally-inflected sections of a course.

Capstone: (3 credits)

HIST 428; ENGL 451; or other another (an individual study, for example) approved by the director.
Digital Studies Resource Impact Statement

**Faculty Resources:** The proposed digital studies minor will initially be drawing largely from existing courses and current faculty; providing appropriate release time for a faculty member to serve as the director of the minor would be the most significant faculty additional resource needed to help implement the minor. [Note: Additional electives and special topics classes will be identified and approved by the program director going forward.] However, some funds to support the IDIS introductory course would be helpful (initially one or two sections per year, depending on demand), and a small measure of funds for compensating faculty for supervising independent studies outside of their normal course load would be very helpful.  

The usual administrative costs/staff time for programming Banner, generating check sheets, etc. will also be entailed.

*Note that the chairs from the departments from which these classes are drawn (ARTH, ELC, PSCI, MFL, CPSC, HISP, HISA) have been notified and are supportive.*

**Library Resources:** Because the minor will be drawing from our existing course offerings and faculty expertise, the research resources needed to support the proposed curriculum are largely in place. Considerations will need to be made for the ongoing funding for hardware and software to support the Digital Studies minor (and many other academic programs).

The library will need to be consulted as new courses within the minor are developed. If a Digital Studies minor is adopted, UMW Libraries would create a subject guide <http://libguides.umw.edu> highlighting available resources, including equipment, within the library and across the University. Finally, UMW librarians are currently developing a subject guide on digital collections that would support the Digital Studies minor.

**Select Reference Material**
UMW Libraries owns the following reference material that supports the Digital Studies minor.

- Berkshire Encyclopedia of Human-Computer Interaction - QA76.9.H85 B46 2004
- Encyclopedia of Computer Science and Technology - Electronic Resource
- Encyclopedia of E-Collaboration - Electronic Resource
- Encyclopedia of Human Computer Interaction - Electronic Resource
- Encyclopedia of Information Science and Technology - Electronic Resource
- Encyclopedia of Information Systems - T58.5 .E535 2003
- Encyclopedia of Multimedia Technology and Networking - Electronic Resource
- Encyclopedia of New Media - QA76.575 .E5368 2003

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1 See also letters of support from the Library, DTLT, and IT as appended.
Select Online Resources
UMW Libraries subscribe to Safari Tech Books, an e-book collection with a focus on digital technology. The Libraries also subscribe to a wide array of journals that include research on topics related to Digital Studies, such as those within the fields of Anthropology, the Arts, Communications, Computer Science, History, Modern Languages, Psychology, and Sociology. Specific journals with an emphasis on Digital Studies include:

- Communications of the ACM
- Computer Animation and Virtual Worlds
- CTheory
- Critical Studies in Media Communication
- CyberPsychology
- CyberPsychology, Behavior & Social Networking
- Design Issues
- Digital Creativity
- Digital Culture & Education
- Digital Humanities Quarterly
- Digital Studies / Le champ numérique
- Electronic Book Review
- Ethics and Information Technology
- Fibreculture Journal
- First Monday
- Game Studies
- Gnovis
- Information Research
- Information Society
- Interactions
- Journal of Community Informatics
- Journal of Computer-Mediated Communication
- Journal of the American Society for Information Science
- Journal of Virtual Worlds Research
- Leonardo
- Literary and Linguistic Computing
- Nmediac: Journal of New Media and Culture
- Presence
- Wi
Select Online Databases
Due to the interdisciplinary nature of the minor, no single database will cover the range of research related to Digital Studies. Traditional databases covering the fields of Anthropology, the Arts, Communications, Computer Science, History, Modern Languages, Psychology, Sociology and will host research significant to the minor. Online databases which contain research related to the minor include:

- ACM Digital Library
- Art Full Text
- Communication & Mass Media Complete
- Computers & Applied Sciences Complete
- Humanities International Complete
- JSTOR
- Project Muse
LIST OF ELECTIVE COURSES IN THE MINOR
(WITH PRIMARY INSTRUCTORS)

Intro Class
DGST 101 -- Intro to Digital Studies, Zach Whalen, Jeffrey McClurken

Electives
ARTS 104 -- Digital Approaches to Fine Art, Rosemary Jesionowski
ARTS 341 -- Multiple Imaging, Rosemary Jesionowski
ARTS 454 -- Approaches to Video Art, Carole Garmon
HIST 325 -- American Technology & Culture, Jeffrey McClurken
HIST 471D7 -- History of the Information Age, Jeffrey McClurken
COMM 353 -- Visual Rhetoric, Anand Rao
COMM 370F -- Social Media, Anand Rao
CPSC 106 -- Digital Storytelling, James Groom
ENGL 202H -- Writing through Media, Zach Whalen
ENGL 245 -- Intro to Film Studies, Antonio Barrenechea
ENGL 251Y -- Adaptation, Zach Whalen
ENGL 314 -- Literary Journals, Claudia Emerson and Mike McCarthy
ENGL 376VV -- Electronic Literature, Zach Whalen
ENGL 386 -- Graphic Novel, Zach Whalen
ENGL 376MM -- World Building, Zach Whalen
HISP 303 -- Archives and Society, Carolyn Parsons
PSCI 363 -- Mass Media Politics, Steven Farnsworth
PSCI 471K1 -- Politics & Film, Steve Farnsworth
SPAN 413 -- Advanced Writing, Elizabeth Lewis

Note: Additional sections of courses taught by current faculty as special topics classes in AMST, ARTS, COMM, CPSC, ENGL, HIST, or other fields, may be approved by the program director as created.

Capstone
HIST 428 -- Digital History, Jeffrey McClurken
ENGL 457S -- Code, Culture and the Postmodern, Zach Whalen

Various 491 (individual or collective), as approved by the Director/DS Studies Committee
Library Resources for the Digital Studies Minor

Paul Butler, Carolyn Parsons, and Rosemary Arneson have been involved in the discussions of the Digital Studies program and in the development of the Digital Studies minor. Because this program will be drawing from our existing course offerings and faculty expertise, the research resources needed to support the proposed curriculum are largely in place.

The Digital Studies minor will provide multiple opportunities for students and faculty to engage in meaningful ways with the UMW Libraries. The librarians can help them discover and use digital resources that are currently available, and we can also work with them to apply current metadata standards to the digital objects they create. We see the Digital Studies minor as an opportunity to integrate our digital archives and digital repository into the curriculum.

Although we don’t see the need for additional funds for library resources, considerations will need to be made for the ongoing funding for hardware and software to support the Digital Studies minor.

We will need ongoing funds to purchase equipment that can be loaned to students in the minor. This will include cameras (still and video), scanners, tripods, tablets and iPads, iPods, recording equipment, and microphones. We will need to coordinate these purchases and access to them with DTLT and IT, but the libraries seem like a reasonable “home” for lendable equipment because it will be easy to integrate this with what we already do. Equipment evolves quickly, and what is state-of-the-art today will be passé by the end of the week. Equipment in the hands of student users is not always treated gently, and we will need funds to repair and/or replace broken equipment.

Students enrolled in the minor will need to have access to a suite of software that supports the work they are doing. Some of this software is open-source, some will need to be licensed. If possible, software should be made available to all students through a virtual computer lab model.

Note that in addition, the Convergence Center will be opening in 2014 with access to some of these tools as well. Digital Studies Minor students can also access many of the needed tools and computers with relevant software in the Combs computer labs, the Monroe Digital Media Lab, and the ThinkLab.
To the Members of the CAS Curriculum Committee,

I’m writing in support of the curriculum proposal for a new digital studies minor in the College of Arts & Sciences. The UMW IT Division has been engaged in supporting conversations involving the creation of this minor. As technology becomes a more integral part of the teaching and learning space across disciplines, it is only appropriate that a method is established to highlight these methods and bind them together in a meaningful manner.

The immediate support needs for a Digital Studies minor (from an Information Technologies perspective) are minimal – the IT Division exists to provide technological support and infrastructure for the academic mission. Because the methods utilized (to date) within the Digital Studies space already exist, many of them established via grassroots efforts, I foresee no immediate need to broaden the IT support posture or to be concerned with formally establishing this minor.

I believe that IT is sufficiently equipped to provide support for this program. As with any new project or initiative, this should be monitored routinely and an ongoing dialogue should be maintained to ensure that appropriate support and funding are provided, should the demands of the minor grow in the future. This is an innovative integration of technologically-enabled course offerings, done in a manner that makes sense to the students and faculty involved in these programs. I support the effort to establish this minor.

Sincerely,

Justin Webb
Acting Chief Information Officer
University of Mary Washington
To the Members of the CAS Curriculum Committee,

I'm writing in support of the curriculum proposal for a new digital studies minor in the College of Arts & Sciences. DTLT has been involved in the drafting of this proposal, and fully supports the creation of this minor. As a division, we recognize that this proposal is a direct result of the creative and innovative work that UMW faculty have been exploring at UMW for the last decade; and we're proud to have been a part of this work. Moreover, since this proposal is designed to build upon existing courses and curriculum which we are already in a position to support and promote, we anticipate that the initial creation of this minor will present no significant resource or staffing issues for the division.

As we look to the future and possible growth in this minor and an increase in the number of courses that could become a part of the program, we do suggest that the University keep a close eye on the resource and staffing implications. It is possible that significant program growth could tax DTLT and other University divisions beyond currently available resources. Presumably, students may need access to hardware and software beyond the currently available equipment. With the Convergence Center coming online in Fall 2014, outfitting that facility may provide opportunities to expand our equipment and facility offerings for students and faculty. If there is an influx in new courses proposed to support the minor, it is also possible that additional support will be needed for faculty who are developing and conducting these courses. In this case, additional staffing may be necessary at some point in the future.

Again, I believe that DTLT has the resources to support this minor as it is currently proposed; I do recommend, however, that we keep an eye on it's growth and development to ensure that the University can successfully support the students and faculty who become a part of the program.

Sincerely,

Jim Groom
Director of Teaching and Learning Technologies