



OFFICE OF THE PRESIDENT

February 23, 2010

Dean Ana Mari Cauce
College of Arts and Sciences
Box 353765

Dear Ana Mari:

Based on the recommendation of the Faculty Council on Academic Standards, the Faculty Council on Tri-Campus Policy has recommended approval of a minor in Interaction Design. A copy of the changes is attached.

I am writing to inform you that the School of Art is authorized to specify these requirements beginning winter quarter 2010.

The new requirements should be incorporated in printed statements and in individual department websites as soon as possible. The *General Catalog* website will be updated accordingly by the Registrar's Office.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Mark A. Emmert".

Mark A. Emmert
President

Enclosure

cc: Ms. Judith Clark (with enclosure)
Mr. Robert Corbett (with enclosure)
Dr. Deborah H. Wiegand (with enclosure)
Mr. Todd Mildon, J.D. (with enclosure ART-20090717)



UNIVERSITY OF WASHINGTON
**CREATING AND CHANGING UNDERGRADUATE
ACADEMIC PROGRAMS**

VII-4-09

NOV 30 2009

OFFICE USE ONLY
Control #
ART-00090717

After college/school/campus review, send a signed original and 8 copies to the Curriculum Office/FCAS, Box 355850.

For information about when and how to use this form: <http://depts.washington.edu/uwcr/1503instructions.pdf>

College/Campus Arts & Sciences, Seattle

Department/Unit School of Art, Design

Date 7-17-2009

New Programs

- ☐ Leading to a Bachelor of _____ in _____ degree.
- ☐ Leading to a Bachelor of _____ degree with a major in _____.
- ☐ Leading to a _____ Option within the existing major in _____.
- ☒ Leading to a minor in Interaction Design

Changes to Existing Programs

- ☐ New Admission Requirements for the Major in _____ within the Bachelor of _____.
- ☐ Revised Admission Requirements for the Major in _____ within the Bachelor of _____.
- ☐ Revised Program Requirements for the Major in _____ within the Bachelor of _____.
- ☐ Revised Requirements for the Option in _____ within the major in _____.
- ☐ Revised Requirements for the Minor in _____.

Other Changes

- ☐ Change name of program from _____ to _____.
- ☐ New or Revised Continuation Policy for _____.
- ☐ Eliminate program in _____.

Proposed Effective Date: **Quarter:** ☐ Autumn ☒ Winter ☐ Spring ☐ Summer **Year: 20 10**

Contact Person: Judith Clark

Phone: 206-685-3220

Email: jclark@u.

Box: 353440

EXPLANATION OF AND RATIONALE FOR PROPOSED CHANGE

For new program, please include any relevant supporting documentation such as student learning outcomes, projected enrollments, letters of support and departmental handouts. (Use additional pages if necessary).

Please see attached documents

OTHER DEPARTMENTS AFFECTED

List all departments/units/ or co-accredited programs affected by your new program or changes to your existing program and acquire the signature of the chair/director of each department/unit listed. Attach additional page(s) if necessary. *See online instructions.

Department/Unit:
Human Centered Design & Engineer
I School

Chair/Program Director:

Date:

10/23/09

Department/Unit:
Computer Science & Engineering
DXARTS

Chair/Program Director:

Date:

10/23/09

CATALOG COPY

Catalog Copy as currently written. Include only sections/paragraphs that would be changed if your request is approved. Please cross out or otherwise highlight any deletions.

PROPOSED CATALOG COPY

Reflecting requested changes (Include exact wording as you wish it to be shown in the printed catalog. Please underline or otherwise highlight any additions. If needed, attach a separate, expanded version of the changes that might appear in department publications).
Please note: all copy will be edited to reflect uniform style in the General Catalog.

Requirements: Minor in Interaction Design (IxD)

Minimum of 25 credits to include ART 383, ART 483, ART 484 and ten additional credits from the following list of options: CSE 100, CSE 142, CSE 143, CSE 440, CSE 441, INFO 310, INFO 344, INFO 360, INFO 424, INFO 444, INFO 447, TC 317, TC 318, TC 319, TC 438, TC 455, DXARTS 471, DXARTS 472, DXARTS 473.

Minimum grade of 2.0 (required in each course) applied to the minor.

^ Cumulative GPA ^ For

APPROVALS

Chair/Program Director:

Date: ST

20 OCT
2009

College/School/Campus Curriculum Committee:

Date:

11/30/09

Dean/Vice Chancellor:

Date:

11/30/09

Faculty Council on Academic Standards/General Faculty Organization/Faculty Assembly Chair:

Date:

12/18/09

POST TRI-CAMPUS APPROVAL (when needed)

Faculty Council on Academic Standards/General Faculty Organization/Faculty Assembly Chair:

Date:

2/5/10

Interaction Design defines the structure and behavior of interactive products and services. Interaction Designers create compelling relationships between people and the interactive systems they use, from computers to mobile devices to appliances; Interaction Designers lay the groundwork for intangible experiences. For more information about the UW IxD concentration visit <http://depts.washington.edu/ixd/blog/category/program-information/>

IxD Minor

Focus and objective of minor

The Minor in Interaction Design introduces students to the fundamental concepts and techniques of interaction design as these apply to the design of interactions, interfaces, and user experiences with digital products, systems, and services. These concepts include the interdisciplinary and user-centered design and development process of interactions at the intersection of Human-computer interaction, psychology, information design, visualization, and time-based media. Techniques include field observation, design ideation, prototyping, and evaluation.

Core Interaction design studio requirements include (ART383, 483, and 484) and will provide interdisciplinary, project-oriented and research-driven learning settings open to interested students majoring in areas like Industrial Design, Visual Communication Design, Design Studies, Architecture, Computer Science and Engineering, Human-centered Design and Engineering, Informatics, and Digital Arts and Experimental Media. Additional elective classes will provide students with the opportunity study Human-computer interaction subjects in courses across the disciplines listed above.

List of learning goals

Theoretical foundations of interaction design and user experience
Contextual user research
Human-centered design process
Interface and user experience prototyping
Interdisciplinary design development

Required Core Interaction Design Studios (15 credits)

ART 383 – Fundamentals of Interaction Design (5 cr) (SU and AU quarters) Introduces students to the study of interaction in context, foundations such as dynamic and interactive representations, affordances, activities, processes, and systems; the role of different views shared by prospective users, clients, and designers; and the presentation, simulation, and testing of interaction design concepts.

ART 483 – Fundamentals of Interface Design (5 cr) (W) focuses on the display and interaction with information. In the course of a quarter long design project, student will be introduced to an expert domain such as aviation or medicine and learn techniques to elicit domain knowledge, develop conceptual models, and design information display concepts that support the work of practitioners in the domain. Past collaborations with industry

include the design of future flight deck interfaces with the Boeing Flight Deck Concept Center (WI'08 and WI'09)

ART484 – Projects in Interaction Design (5 cr.)(SP) challenges students with the design of an innovative new interactive product, system, or service for everyday use. Broad topics such as 'Health and Wellness', 'Learning and Education', and 'The Future of Work' have recently laid the framework for a cutting edge exploration of new interactive technologies and their potential for implementation in new products. Students are familiarized with participatory design techniques, contextual inquiry, and generative design research to conduct user-centered design that results in useful, understandable, and usable products. Past collaborations include the invited participation in the Microsoft Design Expo 2007, 2008, and 2009.

Electives (Minimum 10 credits) Students will make selections from the following classes based on their general interest in the subject or to develop a strength in a focused area of study and practice in interaction design.

Basic Foundations

CSE 100 Fluency in Information Technology (5)

CSE 142 Computer Programming I (4)

CSE 143 Computer Programming II (4)

CSE 440 Introduction to HCI: User Interface Design, Prototyping, and Evaluation (5)

INFO 360 User-Centered Design (5)

TC 319 Survey of Concepts in Human-Computer Interaction (5)

User Interface Software and Technology

CSE 441 Advanced HCI: Advanced User Interface Design, Prototyping, and Evaluation (5)

INFO 344 Web Tools and Development (5)

TC 438 Web Technologies (5)

Design

INFO 424 Information Visualization and Aesthetics (5)

TC 455 User Interface Design (4)

DXARTS 471 Mechatronic Art, Design, and Fabrication I (5)

DXARTS 472 Mechatronic Art, Design, and Fabrication II (5)

DXARTS 473 Mechatronic Art, Design, and Fabrication III (5)

Usability and User Research

INFO 310 Individual Perspectives on Information Systems (5)

TC 317 Survey of Usability Research Techniques (5)

TC 318 Survey of User Experience Design (5)

Social and Ethical Dimensions

INFO 444 Value Sensitive Design (5)

INFO 447 Computer Supported Cooperative Work (5)

Seattle: Minor in Interaction Design (ART-20090717)

Tri-Campus Review Comments:

DAVID R HAYNOR

Great idea -- strongly support adding this minor.

MARK GANTER

This seems like a minor that could foster interest with many engineering students especially design students. The ART classes will need to allow students outside of SOFA in the registration system.

ANDREW J KO

I'm strongly in favor of adding this minor. Interaction design is a rapidly growing field, and a great addition to majors in several other domains that need skilled interaction designers.

KAREN M. RATHE

This looks exciting and I favor its addition as a minor. It could be a valuable option for many journalism students, particularly those interested in Web design, writing and production as well as general publication editing and design. If possible, I would like to be added to any general informational faculty email lists that exist. Thanks.

UNIVERSITY CAMPUSES UNDERGRADUATE PROGRAM REVIEW PROCEDURES**

CHECKLIST

Title of Proposal: Minor in Interaction Design (ART-20090717)

Proposed by (unit name): School of Art

Originating Campus:

☒ UW, Seattle

☐ UW, Bothell

☐ UW, Tacoma

I. Phase I. Developed Proposal Review (to be completed by Originating Campus' Academic Program Review body)

A. Review Completed by: (list name of program review body)

Chaired by:

10/20/09 Date proposal received by originating campus's review body

11/30/09 Date proposal sent to University Registrar

11/30/09 Date proposal posted & email sent to standard notification list

02/05/10 Date of originating campus's curriculum body approval

(Note: this date must be 15 business days or more following date of posting)

B. 4 Number of comments received. Attach the comments and a summary of the consideration and responses thereof : (1-2 paragraphs)

II. Phase II. Final Proposal Review (to be completed by FCTCP)

A. Review Completed by:

☒ FCTCP subcommittee

☐ FCTCP full council

Chaired by: Steven Collins

02/09/10 Date request for review received from University Registrar

02/22/10 Date of FCTCP report

B. Review (attached)

YES NO

☒ ☐ Was notice of proposal posted on UW Website for 15 business days?

- ☒ Was notice of proposal sent to standard mailing list 15 business days in advance of academic program review?
- ☒ Were comments received by academic program review body?
- ☒ Was response to comments appropriate? (explain, if necessary)
- ☒ Was final proposal reviewed by FCTCP within 14 days of receipt?
- ☒ Was there adherence to the University Campuses Undergraduate Program Review Process? (explain, if necessary)

The FCTCP Curriculum Review Sub-Committee completed the Phase II review of this proposal. The Sub-committee noted that all procedures were followed. The proposal generated four comments in tri-campus review, and all were favorable.

The subcommittee noted that it would be a professional courtesy for the proposing department to respond to comments made by Professors Ganter and Rathe if they haven't already done so, even though both were quite positive.

The FCTCP sub-committee is pleased to have the Registrar forward the final proposal for final action. Thank you. Steven Collins, Chair, FCTCP

C. Recommendation

- ☒ Forward for final approval
- ☐ Forward to Provost because of University issues (Explain)
- ☐ Return to campus council because of insufficient review (Explain).

**Endorsed by Faculty Senate Executive Committee, 1/10/05, modified 1/31/06; These procedures apply to new undergraduate degrees, majors, minors (and certificates) and substantive changes to same