Fiscal Unit/Academic Org	Design - D0230
Administering College/Academic Group	Arts and Sciences
Co-adminstering College/Academic Group	
Semester Conversion Designation	New Program/Plan
Proposed Program/Plan Name	Design Thinking Minor
Type of Program/Plan	Undergraduate minor
Program/Plan Code Abbreviation	DSGNTHK
Proposed Degree Title	

Credit Hour Explanation

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program				15	
Required credit hours offered by the unit	Minimum			15	
	Maximum				
Required credit hours offered outside of the unit	Minimum				
	Maximum				
Required prerequisite credit hours not included above	Minimum				
	Maximum				

Program Learning Goals

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

Program Learning Goals

- A basic ability to integrate the following content areas with their specific discipline or area of study.
- An overall understanding of design practices and contemporary issues in the design disciplines.
- An overall understanding of the history and development of contemporary design disciplines.
- A basic ability to effectively identify problems in a variety of domains, and propose and iteratively develop and test possible solutions.
- A basic ability to work within appropriate representation systems, and then visualize and communicate information and data related to the problem solving process.
- A basic ability to effectively format and present visual information in the context of basic types of printed, display, and screen-based communications.

Assessment

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

Is this a degree program (undergraduate, graduate, or professional) or major proposal? No

Program Specializations/Sub-Plans

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

Pre-Major

Does this Program have a Pre-Major? No

Attachments

- Chair's_endorsement_letter.docx: Chair's letter

  (Program Rationale Statement. Owner: Nini,Paul Joseph)

- Design_Minors_Addendum.docx: Addendum

  (Other Supporting Documentation. Owner: Nini,Paul Joseph)

- Design Mn Track 1-Update 2-2-15.doc: Current minor sheet

  (Other Supporting Documentation. Owner: Nini,Paul Joseph)

- Design Mn Track 1-Proposed Au16.doc: Proposed minor sheet

  (Other Supporting Documentation. Owner: Nini,Paul Joseph)

Comments

- We propose that the new "Design Thinking Minor" replace the current ""Design Minor (Design-MN) Track One." *(by Nini,Paul Joseph on 02/22/2016 04:32 PM)*

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Nini,Paul Joseph	02/22/2016 04:33 PM	Submitted for Approval
Approved	Nini,Paul Joseph	02/22/2016 04:33 PM	Unit Approval
Approved	Heysel,Garett Robert	03/01/2016 11:44 AM	College Approval
Pending Approval	Nolen,Dawn Vankeerbergen,Bernadette Chantal Hanlin,Deborah Kay Jenkins,Mary Ellen Bigler Hogle,Danielle Nicole	03/01/2016 11:44 AM	ASCCAO Approval

February 12, 2016

TO: ASC Curriculum Committee
FROM: Mary Anne Beecher, Chairperson, Department of Design
RE: New Minor in Design Thinking

The Department of Design is proposing a new minor program in Design Thinking. As a process of intentionally making that which does not yet exist, design has the potential to shape and improve our future. With this newly structured minor, our department intends to present a cohesive narrative about the usefulness of design thinking as an approach to solving problems and creating innovative ideas. This specially-designed non-professional curriculum for non-design students will engage them in the study and understanding of the discourse of design practice so that they can explore design methods to encourage the broad application of design thinking to problems that reside in a wide range of fields and disciplines. This minor, which is comprised of five courses or 15 credits, will engage students in the following overarching objectives:

- To discover how key moments in history have been impacted by design innovation in order to connect the lessons of the past to considerations of today's wicked problems;
- To be inspired by design practices and processes that engage the world's problems and address contemporary social and commercial needs;
- To develop creative confidence by practicing ideation and applying it to interdisciplinary and transdisciplinary challenges;
- To explore how new approaches to visualization can improve students' ability to understand and interpret data to enhance understanding;
- To test varied visual and interactive communication approaches that appeal to broad and varied audiences.

The minor provides interactive illustrated lecture-based courses on "Design Processes and Practices," "History of Design," "Exploring Design Thinking," "Visualization as Thinking," and "Presentation as Thinking." It is our intent to staff these courses with professors of design, qualified MFA design students, and professional designers from the extensive practice community in Columbus. We believe that this model will attract students from throughout the university with particular interest from students in the Fisher College of Business and the College of Engineering. The Department of Design is committed to dedicating sufficient resources to the delivery of this minor program to meet the demand for it. We will employ design thinking to ensure that it remains a fresh, coherent, and relevant course of study for OSU's non-design students.

Sincerely,

Mary Anne Beecher, Ph.D., Chairperson and Professor
Department of Design

Addendum:

Overview of proposed changes to the current Design Minor Tracks 1 and 2

The Department of Design proposes to split the two tracks of the current Design Minor, to make each clearer to students and more distinct in their offerings.

Track One will be reconfigured as a new and separate minor, titled as the **Design Thinking Minor (DSGNTHK-MN): for all majors outside of Design or Pre-Design**. It will also be reduced from 18 to 15 credits, to enable easier completion by students in majors such as Engineering, who currently have difficulty completing the minor along with major requirements. This minor program is also more focused in its requirements, and eliminates four elective courses from the current Track One minor (Design 4405, 4505, 5405, and 5505), along with a number of elective courses offered by other departments.

In a related action, Track Two will be re-titled as the **Design Foundations Minor (DSGNFND-MN): for Pre-Design students not accepted to a Design Major**. No other changes are proposed to this minor program.

Transition Plan

The Department of Design intends to implement the new Design Thinking Minor in Autumn 2016 or Spring 2017, depending on the timeline for approval by the College of Arts and Sciences and the Council on Academic Affairs. At the time of implementation, new students will begin following the Design Thinking Minor requirements.

Other students will have the option of continuing with the current Track One requirements, or may switch to the new Design Thinking Minor requirements — whichever allows for the most efficient completion of their minor program. We also plan to grant permission to reduce the number of hours for completion from 18 to 15 for any students following the Track One requirements during the transition period.

We will also honor elective courses taken in the Track One program for students who wish to switch to the new Design Thinking Minor during the transition period. The above-mentioned Track One elective courses (Design 4405, 4505, 5405, and 5505), will continue to offered during the transition period as needed for students who continue to follow the Track One program requirements.

Design Thinking Minor – new course titles and catalog descriptions

Design 3105 Exploring Design Thinking

An overview of concepts, processes and modes of identifying problems and proposing effective solutions from a design-oriented perspective.

Design 3305 Visualization as Thinking

An overview of concepts, processes and modes of communicating with visual media to effectively generate design proposals.

Design 3505 Presentation as Thinking

An overview of concepts, processes and modes of presenting information to create effective printed and digital communications.

Design Thinking Minor – new general learning goals

Upon completion of the Design Thinking Minor, students should be able to demonstrate:

- A basic ability to integrate the following content areas with their specific discipline or area of study.
- An overall understanding of design practices and contemporary issues in the design disciplines.
- An overall understanding of the history and development of contemporary design disciplines.
- A basic ability to effectively identify problems in a variety of domains, and propose and iteratively develop and test possible solutions.
- A basic ability to work within appropriate representation systems, and then visualize and communicate information and data related to the problem solving process.
- A basic ability to effectively format and present visual information in the context of basic types of printed, display, and screen-based communications.

_____

Submitted by Paul Nini, Department of Design Undergraduate Studies Committee Chairperson

Design Minor (Design-MN) Track One: for all majors outside of Design or Pre-Design

Department of Design
100 Hayes Hall, 108 North Oval Mall
Columbus, OH 43210-1318
614-292-6746; http://design.osu.edu/

The Design Minor builds a solid understanding of the principles, processes, and applications of Design. The minor consists of 18 credit hours from the department's offerings and other courses. At least 9 credit hours must be in courses at the 3000-level or above.

No permissions or approvals are required from the department to pursue the Design Minor, though students should alert college or school counselors of their intent to complete the minor, so that the correct plan can be assigned to their records and tracked in the degree auditing system.

Required courses - 9 credit hours:

3   Design 3105: Design Concepts for Non-Majors
3   Design 3305: Design Visualization for Non-Majors
3   Design 3505: Typographic Design for Non-Majors

Electives - 9 credit hours:

3   Design 2700: Introduction to Design Practice
3   Design 2750: Design History
3   Design 4405: Design Media for Non-Majors
3   Design 4505: 3-D Visualization
3   Design 5405: Web Communications
3   Design 5505: Information Design

Or electives from other departments:

3   Communications 2210, 2511 or 2223 (4)
2   Engineering Graphics 4410.01 or 4410.02
3   Industrial and Systems Engineering 3700
4   Mechanical Engineering 5680 or 5682
3   Theatre 3411, 5261, or 5411
5   CS FSNRTS 3470

Required for graduation No

Credit hours required A minimum of 18 credit hrs. 1000 level courses shall not be counted toward the 18 credit hr minimum. At least 9 credit hours should be at the 3000-level or above.

Transfer and EM credit hours allowed A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE
A student is permitted to overlap up to 6 credit hours between the GE and the minor.

Overlap with the major and additional minor(s)
• The minor must be in a different subject than the major.
• The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required
• Minimum C- for a course to be listed on the minor.
• Minimum 2.00 cumulative point-hour ratio required for the minor.
• Course work graded Pass/Non-Pass cannot count on the minor.
• No more than 3 credit hours of course work graded Satisfactory/Unsatisfactory may count toward the minor.

X193 credits No more than 3 credit hours.

Minor Approval The minor program must be approved by:
• A college/school counselor.
• Any substitutions to the course work on this minor sheet must be approved by the academic unit offering the minor, or the student's minor program advisor.

Filing the minor program form The minor program form must be filed at least by the time the graduation application is submitted to a college/school counselor.

Changing the minor Once the minor program is filed in the college office, any changes must be approved by the academic unit offering the minor.

Design minor (Track One) program guidelines

Design Thinking Minor (~~Design~~DSGNTHK-MN) ~~Track One~~: for all majors outside of Design or Pre-Design

Department of Design
100 Hayes Hall, 108 North Oval Mall
Columbus, OH 43210-1318
614-292-6746; http://design.osu.edu/

The Design Thinking Minor introduces students to new and creative ways to solve problems. Through the lens of Design Thinking, students will build~~builds~~ a solid understanding of ~~the~~ basic principles, processes, and applications of Design as related to a wide spectrum of disciplines. The minor consists of ~~18~~15 credit hours from the department's offerings ~~and other courses~~. ~~At least~~ 9 credit hours ~~must be~~are in courses at the 3000-level or above.

No permissions or approvals are required from the department to pursue the Design Thinking Minor, though students should alert college or school counselors of their intent to complete the minor, so that the correct plan can be assigned to their records and tracked in the ~~degree~~ Degree ~~auditing~~ Report (DAR)~~system~~.

Required courses - ~~9~~15 credit hours:

3   Design 2700: Introduction to Design Practice
3   Design 2750: Design History

3   Design 3105: Exploring Design ~~Concepts for Non-Majors~~Thinking
3   Design 3305: ~~Design~~ Visualization ~~for Non-Majors~~as Thinking
3   Design 3505: ~~Typographic Design for Non-Majors~~Presentation as Thinking

~~**Electives - 9 credit hours:**~~

~~3   Design 2700: Introduction to Design Practice~~
~~3   Design 2750: Design History~~
~~3   Design 4405: Design Media for Non-Majors~~
~~3   Design 4505: 3-D Visualization~~
~~3   Design 5405: Web Communications~~
~~3   Design 5505: Information Design~~

~~**Or electives from other departments:**~~

~~3   Communications 2210, 2511 or 2223 (4)~~
~~2   Engineering Graphics 4410.01 or 4410.02~~
~~3   Industrial and Systems Engineering 3700~~

~~4   Mechanical Engineering 5680 or 5682~~
~~3   Theatre 3411, 5261, or 5411~~
~~5   CS FSNRTS 3470~~

Design Thinking ~~minor~~ Minor ~~(Track One)~~ program guidelines

Required for graduation No

Credit hours required A minimum of ~~18~~15 credit hrs. 1000 level courses shall not be counted toward the ~~18~~15 credit hr minimum. ~~At least~~ 9 credit hours ~~should~~ will be at the 3000-level or above.

Transfer and EM credit hours allowed A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE
A student is permitted to overlap up to 6 credit hours between the GE and the minor.

Overlap with the major and additional minor(s)
• The minor must be in a different subject than the major.
• The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required
• Minimum C- for a course to be listed on the minor.
• Minimum 2.00 cumulative point-hour ratio required for the minor.
• Course work graded Pass/Non-Pass cannot count on the minor.
• No more than 3 credit hours of course work graded Satisfactory/Unsatisfactory may count toward the minor.

X193 credits No more than 3 credit hours.

Minor ~~Approval~~ Completion The completed minor program may be approved by the student's assigned academic advisor via the Degree Audit Report (DAR). If the minor is not complete on the DAR, the student must consult with the Department of Design Academic Advisor. ~~must be approved by:~~
~~• A college/school counselor.~~
~~• Any substitutions to the course work on this minor sheet must be approved by the academic unit offering the minor, or the student's minor program advisor.~~

Filing the minor program form The minor program form must be filed at least by the time the graduation application is submitted to a college/school counselor.

Changing the minor Once the minor program is filed in the college office, any changes must be approved by the Department of Design Academic Advisor. ~~academic unit offering the minor.~~

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