



UNIVERSITY OF WASHINGTON

CREATING AND CHANGING UNDERGRADUATE ACADEMIC PROGRAMS

After college/school/campus review, send a signed original and 1 copy to the Curriculum Office/FCAS, Box 355850.
For information about when and how to use this form: <http://depts.washington.edu/uwcr/1503instructions.pdf>

DEC 18 2012

OFFICE USE ONLY

Control #

BIS-20121029C

College/Campus Bothell

Department/Unit Interdisciplinary Arts and Sciences

Date 10/29/2012

New Programs

- ☐ Leading to a Bachelor of _____ in _____ degree.
- ☐ Leading to a Bachelor of Arts degree with a major in Mathematical Thinking and Visualization
- ☐ Leading to a _____ Option within the existing major in _____.
- ☐ Leading to a minor in _____

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 BA with a major in Interdisciplinary Studies: Mathematical Thinking and Visualization to BA with a major in Mathematical Thinking and Visualization.
- ☐ New or Revised Continuation Policy for _____.
- ☐ Eliminate program in _____.

Proposed Effective Date: **Quarter:** ☒ Autumn ☐ Winter ☐ Spring ☐ Summer **Year: 20 13**

Contact Person: Rachel Foote

Phone: 2-3280

Email: rfoote@uwb.edu

Box: 358530

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).

Transitioning the current options offered under the Interdisciplinary Studies major to independent majors is a strategic imperative for the School of Interdisciplinary Arts and Sciences (IAS). When IAS first began offering degrees in 1990, the challenge was to offer a broad range of courses on a newly created campus, so the program developed distinct transcribed degrees under a single Bachelor of Arts in Liberal Studies (later Interdisciplinary Studies). In Autumn 2010, the 8 transcribed options offered by IAS were converted into majors.

Our current options (Law, Economics and Public Policy; Individualized Study; Mathematical Thinking and Visualization; and Media and Communication Studies) were developed and approved 2010 - 2012. On an organizational level, these options function on equal footing with the BA degrees offered by IAS. This change simply marks a step up in formalization; a shift in the status of these transcribed degrees that enhances their recognition to external audiences. The curricular content is intact.

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: | Chair/Program Director: | Date: |
| Department/Unit: | Chair/Program Director: | Date: |

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.

Mathematical Thinking and Visualization(MT&V) Option

(Classes in this option are offered primarily during day time hours.)

Mathematical Thinking and Visualization Option (MT&V) Requirements:

- BIS 300 Interdisciplinary Inquiry (5 credits)
- BIS 209 Engaging Visual Arts, BIS 232 Visualizing Quantitative Data, BIS 315 Understanding Statistics (15 credits)
- Mathematical Reasoning Coursework (10 credits)
- Visualization Practice and Methods Coursework (10 credits)
- Mathematical Reasoning OR Visualization Practice and Methods Coursework (5 credits)
- Additional IAS Coursework (20 credits)
- BIS 499 Portfolio Capstone (3 credits)
- General Electives (22 credits)
- Completion of the IPR requirement and a minimum of 25 credits in each Area of Knowledge (with 10 credits in each Area completed at UW Bothell).

TOTAL= 90 credits

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.

Mathematical Thinking and Visualization (BA)

(Classes in this major are offered primarily during day time hours.)

Mathematical Thinking and Visualization (MT&V) Requirements:

- BIS 300 Interdisciplinary Inquiry (5 credits)
- BIS 209 Engaging Visual Arts, BIS 232 Visualizing Quantitative Data, BIS 315 Understanding Statistics (15 credits)
- Mathematical Reasoning Coursework (10 credits)
- Visualization Practice and Methods Coursework (10 credits)
- Mathematical Reasoning OR Visualization Practice and Methods Coursework (5 credits)
- Additional IAS Coursework (20 credits)
- BIS 499 Portfolio Capstone (3 credits)
- General Electives (22 credits)
- Completion of the IPR requirement and a minimum of 25 credits in each Area of Knowledge (with 10 credits in each Area completed at UW Bothell).

TOTAL= 90 credits

APPROVAL'S

Chair/Program Director:

Date:

11-28-12

College/School/Campus Curriculum Committee:

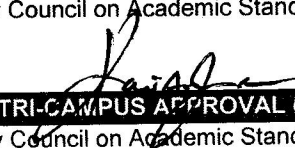
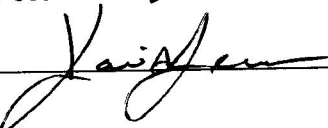
Date:

11/30/12

Dean/Vice Chancellor:

Date:

12-11-12

| | |
|---|--------------|
| Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair: | Date: |
|  | Aug. 1, 2017 |
| POST TRI-CAMPUS APPROVAL (when needed) | |
| Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair: | Date: |
|  | Aug. 1, 2017 |

Bothell: Conversion of option in Mathematical Thinking and Visualization within the Bachelor of Arts degree in Interdisciplinary Studies to a Bachelor of Arts degree in Mathematical Thinking and Visualization (BIS-20121029C)

uwcr
uwcr
Board owner

[Permalink](#)

Posted Jan 24, 2013 2:05 PM

Please review the attached 1503 pdf requesting to convert the existing option in Mathematical Thinking and Visualization within the Bachelor of Arts degree in Interdisciplinary Studies to a Bachelor of Arts degree in Mathematical Thinking and Visualization at the Bothell campus and post comments by 5:00 pm on Thursday, February 14th.

If you have any problems viewing the attachment or need disability accommodations, please contact the University Curriculum Office at uwcr@uw.edu.

Attachments:



BIS-20121029C.pdf 33.8M [Download](#) [View](#)