UNIVERSITY *of* WASHINGTON

Michael K. Young
President

April 30, 2014

Dean Elaine Scott
School of Science, Technology, Engineering and Mathematics
University of Washington, Bothell
Box 358538

Dear Elaine:

Based upon the recommendations of the Executive Council, the General Faculty Organization has recommended approval of renaming the minor in Computing and Software Systems to a minor in Computer Science and Software Engineering. A copy of the change is attached.

I am writing to inform you that the School of Science, Technology, Engineering, and Mathematics is authorized to specify these requirements beginning autumn quarter 2014.

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,

Michael K. Young
President

Enclosure

cc: Dr. Carol Zander (with enclosure)
        Mr. Robert Corbett (with enclosure)
        Ms. Virjean Edwards (with enclosure)

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

College/Campus UW BOTHELL	Department/Unit COMPUTING & SOFTWARE SYSTEMS	Date 10/18/13

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 _____

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 <u>Minor in Computing &Software Systems</u> to <u>Minor in Computer Science & Software Engineering</u>.
☐ Change delivery method or location of program.
☐ New or Revised Continuation Policy for _____.
☐ New Honors Requirements for _____.
☐ Eliminate program in _____.

Proposed Effective Date: **Quarter:** ☒ Autumn ☐ Winter ☐ Spring ☐ Summer **Year:** 20 14

Contact Person: Carol Zander	Phone:425-352-5276	Email: zander@u.washington.edu	Box: 358534

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*).

We would like the name of our Minor in Computing & Software Systems to be changed to Computer Science & Software Engineering to be consistent with the recent name change of our Bachelor Science in Computer Science & Software Engineering.

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

(p.78)
(Paragraph 2) The purpose of the ~~CSS~~ and IT minors is to provide opportunities to students from non-technical disciplines to supplement their major with a practical set of courses focused on information technology...

Application Procedures
Admission to the IT or ~~CSS~~ Minor is not competitive.

Registering for Classes
Students who have been accepted into the IT or ~~CSS~~ minor must submit an add code request via the CSS website.

Minor in ~~Computing and Software Systems~~
The ~~CSS~~ minor provides students with the necessary programming and software management skills to work within a software development environment within their major discipline.

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.

(p.78)
The purpose of the CSSE and IT minors is to provide opportunities to students from non-technical disciplines to supplement their major with a practical set of courses focused on information technology...

Application Procedures
Admission to the IT or CSSE Minor is not competitive.

Registering for Classes
Students who have been accepted into the IT or CSSE minor must submit an add code request via the CSS website.

Minor in Computer Science & Software Engineering
The CSSE minor provides students with the necessary programming and software management skills to work within a software development environment within their major discipline.

		Date:
Chair/Program Director:	_Erwin P Scott_	1/15/14
College/School/Campus Curriculum Committee:	_Suzanne Silen_	1-17-14
Dean/Vice Chancellor:		Date:
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:		Date:

Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair: Date:
Jerelyn Resnick   Mar. 13, 2014

UoW 1503 (01/13) REVERSE

Undergraduate Curriculum Review Process for New Programs

Search

Manage   Participants   Prof. (uwcr)

Bothell: Change name of minor from Computing & Software Systems to Computer Science & Software Engineering (CSS-20131018)

Page 1 of 1

Moderator actions ▾ | ⬆ Reply | New conversation ⬆

uwcr
uwcr

Please review the attached 1503 pdf requesting to rename the minor in Computing & Software Systems to Computer Science & Software Engineering at the Bothell campus and post comments by 5:00 pm on Tuesday, March 4th.

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

📄 CSS-20131018.pdf

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gmobus
GEORGE MOBUS

I endorse this change. The Tacoma version in the Institute of Technology had been a clone from Bothell (Computing & Software Systems) and we had problems with prospective employers not understanding what this program title meant. We changed to Computer Science & Systems and we get reports from graduates looking for jobs that they no longer have to explain that CSS really is computer science! That factor alone makes it worthwhile to change the name.

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uwcr
uwcr

Date: Tue, 18 Feb 2014 21:29:59 -0800
From: Hank Levy <levy@cs.washington.edu>
To: P. Moy <pmoy@u.washington.edu>
Subject: name change for UWB minor

We have been asked by a ?Tri-Campus Review Invitation? to comment on the following:

Bothell: Change name of minor from Computing & Software Systems to Computer Science & Software Engineering (CSS-20131018)

To be clear, we in Computer Science & Engineering at UW/Seattle supported the creation of computing programs at both Bothell and Tacoma and helped to set them up. We totally understand the need for those programs and the purpose they serve. But at the same time, we tried to get them to adopt

degree names that differentiate their programs from ours, because these are in fact different programs. In the beginning both Tacoma and Bothell had degree names that were different than UW/Seattle?s CSE degrees. Over time, however, those names have been modified so that they now sound almost identical. This would be OK if students at those campuses really identified themselves as being from UW-BOTHELL or UW-TACOMA, but students don't necessarily do that, and of course nobody ever looks at the diploma itself. The result is to cause significant confusion, e.g., in local industry, about the preparation of these students, which is different at the three campuses. This is probably closing the barn door after the horses have run out, but changing the minor name as proposed is just one more step in the direction of adding confusion to the local environment.

Add to this conversation:

Font Name and Size   Font Style   Alignment

Paragraph Style   Indenting and Lists   Insert Item   HTML Spacing

Common formatting keyboard shortcuts:
Control Shift B sets text to bold
Control Shift I sets text to italic
Control Shift U underlines text
Control Shift [aligns text left
Control Shift | centers text
Control Shift] aligns text right
Control Shift L adds an HTML link
To exit this text editor use the keyboard shortcut Control + Shift + ESC.

Attach file

Undergraduate Curriculum Review Process for New... > Bothell: Change name of minor from Computing & ...

https://catalyst.uw.edu/gopost/conversation/uwcr/842118 [3/5/2014 9:54:52 AM]

Michael Stiber
Professor & Interim Chair

March 25, 2014

To: UWB GFO Executive Council
Re: Response to comments from tri-campus review for CSS minor name change

Dear EC members,

During the period February 11–March 4, 2014, the proposal to change the name of one of the CSS Division's minors (Minor in Computing and Software Systems) to *Minor in Computer Science and Software Engineering* was posted for tri-campus review. It received three comments during that period of time; below are those comments and the CSS Program responses.

> *gmobus*, Posted Feb 18, 2014 11:20 AM
> I endorse this change. The Tacoma version in the Institute of Technology had been a clone from Bothell (Computing & Software Systems) and we had problems with prospective employers not understanding what this program title meant. We changed to Computer Science & Systems and we get reports from graduates looking for jobs that they no longer have to explain that CSS really is computer science! That factor alone makes it worthwhile to change the name.

Thank you for your support; we completely agree with this comment. The primary motivation for this name change is to communicate more clearly to students and external stakeholders what the nature of this credential is. The previous name only communicated that it had something to do with computers and software. Clear communications requires that we use language and terms familiar to the target audiences; hence the use of the terms "computer science" and "software engineering".

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> To be clear, we in Computer Science & Engineering at UW/Seattle supported the creation of computing programs at both Bothell and Tacoma and helped to set them up. We totally understand the need for those programs and the purpose they serve. But at the same time, we tried to get them to adopt degree names that differentiate their programs from ours, because these are in fact different programs. In the beginning both Tacoma and Bothell had degree names that were different than UW/Seattle's CSE degrees. Over time, however, those names have been modified so that they now sound almost identical. This would be OK if students at those campuses really identified themselves as being from UW-BOTHELL or UW-TACOMA, but students dont necessarily do that, and of course nobody ever looks at the diploma itself. The result is to cause significant confusion, e.g., in local industry, about the preparation of these students, which is different at the three campuses. This is probably closing the barn door after the horses have run out, but changing the minor name as proposed is just one more step in the direction of adding confusion to the local environment.

We in the CSS Division are deeply appreciative of CSE's support and greatly value our relationships with colleagues in that department. We understand the desire to clearly "brand" the different academic programs in computing offered at all three UW campuses. As we indicate above, it is also important that we provide clear communications to various audiences about the nature of our academic programs. For better or worse, the term "computer science" is associated almost universally in the United States with university level study of the mathematical underpinnings and practical creation of computer software. Many have criticized this nomenclature, not the least because "computer science" doesn't really conform to the general

definition of "science". Lacking the ability to change common usage, we opt instead to clearly communicate our program's credentials, which include an even balance between generally offered "computer science" concepts (algorithms, data structure, discrete mathematics, programming, systems, etc.) and "software engineering" concepts (development strategies, systems analysis and design, project management, and the like).
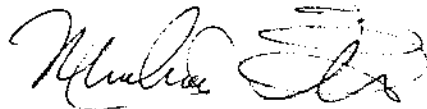
We do not believe that there will be that great a level of confusion regarding the source of students' credentials. For one thing, we believe that more confusion is generated by credential names that are not understandable by employers. For another, in this case, UW Seattle CSE does not offer minors, so there is nothing to be confused about. Finally, while unavoidably similar, the "Computer Science and Software Engineering" designation is distinct from CSE's "Computer Science" name.

> *Brad Holt*, Posted Mar 11, 2014 3:43 PM
> Has the program contacted ABET in regard to the use of "Engineering" in the minor? As far as
> I can tell this will be an unaccredited usage of the term.

ABET provides accreditation for bachelor degrees only. Credentials such as minors are not subject to accreditation.

Sincerely,

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Sincerely,

Michael Stiber

2

UNIVERSITY CAMPUSES UNDERGRADUATE PROGRAM REVIEW PROCEDURES**

CHECKLIST

Title of Proposal: Rename minor in Computing and Software Systems to Computer Science and Software Engineering (CSS-20131018)

Proposed by (unit name): School of STEM

Originating Campus:
___UW, Seattle
_x_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:

01/17/14 Date proposal received by originating campus's review body

01/31/14 Date proposal sent to University Registrar

02/11/14 Date proposal posted & email sent to standard notification list

03/13/14 Date of originating campus's curriculum body approval
(Note: this date must be 15 business days or more following date of posting)

B. __2___ 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
_x_ FCTCP full council
Chaired by: William Erdly

4/4/14 Date request for review received from University Registrar
4/22/14 Date of FCTCP report

B. Review (attached)

YES NO
_x_ ___ Was notice of proposal posted on UW Website for 15 business days?
_x_ ___ Was notice of proposal sent to standard mailing list 15 business days in advance of academic program review?
_x_ ___ Were comments received by academic program review body?
_x_ ___ Was response to comments appropriate? (explain, if necessary)
___ _x_ Was final proposal reviewed by FCTCP within 14 days of receipt?
_x_ ___ Was there adherence to the University Campuses Undergraduate Program Review Process? (explain, if necessary)

Note: Slight delay in FCTCP report due to FCTCP meeting schedule and additional need for discussion of the proposal.

C. Recommendation

_x_ 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