July 6, 2012

Vice Chancellor Susan Jeffords
University of Washington, Bothell
Box 358522

Dear Susan:

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

I am writing to inform you that the Computing and Software Systems program is authorized to specify these requirements beginning spring quarter 2012.

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. Mike Stiber (with enclosure)
      Ms. Megan Jewell (with enclosure)
      Mr. Robert Corbett (with enclosure)
      Dr. Deborah H. Wiegand (with enclosure)
      Ms. Virjean Edwards (with enclosure CSS-20120302)

UNIVERSITY OF WASHINGTON
CREATING AND CHANGING UNDERGRADUATE ACADEMIC PROGRAMS

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

OFFICE USE ONLY
Control# CSS-20120302

College/Campus UW Bothell	**Department/Unit** CSS	**Date** March 2, 2012

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>BS in Computing & Software Systems</u> to <u>BS in Computer Science and Software Engineering</u>.
☐ New or Revised Continuation Policy for _____.
☐ Eliminate program in _____.

Proposed Effective Date: **Quarter:** ☐ Autumn ☐ Winter ☒ Spring ☐ Summer **Year: 20 12**

Contact Person: Mike Stiber	Phone: 2-5280	Email: mstiber@uw.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*).

Proposal Attached

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.

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 <u>will</u> be edited to reflect uniform style in the General Catalog.

APPROVALS

	Date:
Chair/Program Director:	3/2/12
College/School/Campus Curriculum Committee:	3/5/12
Dean/Vice Chancellor:	4-6-12
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:	3/5/12

POST TRI-CAMPUS APPROVAL (when needed)

	Date:
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:	5/31/20

Michael Stiber
Professor & Director

May 28, 2012

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

Dear EC members,

During the period May 7–28, 2012, the proposal to change the name of the CSS Program's BS degree to *Bachelor of Science 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.

> *aberger*, Posted May 8, 2012 9:17 AM
> This change is long overdue, but why breakout Software Engineering? Isn't Computer Science the umbrella discipline by itself?

The relationship between software engineering and computer science is a non-trivial one, and different people have different views on this matter. Some would consider CS to be a subset of SE, even. In our case, we chose to include both in the name because it captures the distinctiveness of our degree, which provides roughly equal emphasis to software engineering and stereotypically computer science content.

> *kylecrow*, Posted May 8, 2012 1:25 PM
> This rationale for this change is clear and compelling.

We appreciate the comment; thank you.

> *d6423*, Posted May 9, 2012 4:43 PM
> Software Engineering is an ABET-accredited program name. Unless the Bothell program is actively attempting to become accredited, I think that the use of the word "Engineering" in the degree title has the potential for confusion.

We do not believe that there would necessarily be any confusion associated with ABET accreditation or not; after all, ABET accredits Computer Science degrees, and yet it is not uncommon for CS degrees to not be ABET accredited. Nevertheless, the CSS Program plans to proceed with ABET accreditation for this degree, commencing with initial data collection in fall 2012.

Sincerely,

Michael Stiber

1503 Statement - Proposal to Change Degree Title

A. Introduction

The Computing and Software Systems Program (CSS) at the Bothell campus proposes to change the titles of the existing Bachelor of Science/Master of Science in Computing and Software Systems to the new names: Bachelor of Science/Master of Science in Computer Science and Software Engineering. No other associated changes are proposed, either in the degree curriculum, requirements, or the academic unit.

B. Rationale for change

The CSS Program was founded over 15 years ago with one initial degree, the BS in CSS. As long as that remained the sole academic credential offered by the program, having the two retain the same name was logical. The name is unconventional, which has positive and negative aspects. On the plus side, it emphasizes that our curriculum is broader than a stereotypical computer science degree, with a greater emphasis on software engineering and the process of software development. However, it has always been a struggle to effectively communicate the nature of our degrees to external constituencies. As long as UW Bothell was solely an upper division campus, this was manageable via a concerted education effort with our community college partners.

Since that time, the Bothell campus has experienced tremendous growth and has transitioned to a four year baccalaureate and master's level institution, with substantial recruiting operations at high schools for undergraduate programs and purposeful recruiting for graduate programs. Correspondingly, CSS has grown, adding a Bachelor of Arts in Applied Computing, minors in Information Technology and in CSS, a master's degree, and a Graduate Certificate in Software Design and Development. The CSS program name should serve as an umbrella for these curricula, as well as future endeavors as it moves to become part of a planned UW Bothell School of Science, Technology, Engineering, and Mathematics. A degree name that shares the program name, prima facie, conveys distinction to the exclusion of the other degree offerings.

Therefore, we propose changing the Bachelor of Science/ Master of Science degrees to "Computer Science and Software Engineering". The new name is completely clear to external constituencies, communicating precisely what areas the academic credential covers. This should be beneficial for recruiting students, and eliminating the need to educate others on what the degree is. It should benefit graduates, who won't need to go through that process with prospective employers. It "levels the playing field" with the other CSS program degrees. And it prepares the CSS program to grow as UWB creates new educational opportunities that include computing education. Based on our communication with prospective students, current students, and alumni, we have every reason to believe that this name change will be very well received.

A. Timeline and transition plan for current students

We propose to move forward with this change as rapidly as possible, with students graduating after its final approval receiving a degree with the new name. Because there are no curricular modifications associated with this change, we do not anticipate this causing any problems. If some current students object, we would be willing to allow them to petition to receive a degree with the old name, if that is feasible.

B. Approval

This change was approved by a vote of the CSS faculty on February 28, 2012.

Contact: **Mike Stiber**
Department: **Computing & Software Systems**
Room: **UW1-360D**
Phone: **425-352-5280**
Box: **358534**

Bothell: Change name of major from a Bachelor of Science degree in Computing and Software Systems to a Bachelor of Science degree in Computer Science and Software Engineering (CSS-20120302)

uwcr uwcr Board owner	*Posted May 7, 2012 11:11 AM by uwcr (Board owner)* Please review the attached 1503 pdf requesting to change the name of the Bachelor of Science degree in Computing and Software Systems to a Bachelor of Science degree in Computer Science and Software Engineering at the Bothell Campus and post comments by 5:00 pm on Monday, May 28th. If you have any problems viewing the attachment or need disability accomodations, please contact the University Curriculum Office at uwcr@uw.edu. Attachments: • CSS-20120302.pdf2.6MDownloadView
aberger ARNOLD S BERGER	This change is long overdue, but why breakout Software Engineering? Isn't Computer Science the umbrella discipline by itself?
kylecrow KYLE CROWDER	This rationale for this change is clear and compelling.
d6423 DONALD J. JANSSEN	Software Engineering is an ABET-accredited program name. Unless the Bothell program is actively attempting to become accredited, I think that the use of the word "Engineering" in the degree title has the potential for confusion. Don Janssen

W UNIVERSITY *of* WASHINGTON   BOTHELL

Office of the General Faculty Organization

To: Faculty Council on Tri-Campus Policy

From: Pamela Joseph, Chair, Executive Council of the General Faculty Organization, University of Washington Bothell

Date: May 31, 2012

Re: Executive Council Approval of BS in Computer Science and Software Engineering

The Executive Council (EC) of the General Faculty Organization of University of Washington Bothell reviewed the responses from the tri-campus review of the proposal for the BS in Computer Science and Software Engineering at its May 29, 2012 meeting. The EC has determined that the proposing faculty in the Computing and Software Systems Program have duly considered and responded to the comments posted by faculty from across the three campuses during the tri-campus review period.

Please let me know if you need any additional information.

UNIVERSITY CAMPUSES UNDERGRADUATE PROGRAM REVIEW PROCEDURES**

CHECKLIST

Title of Proposal: Change name of major from Computing and Software

Systems to Computer Science and Software Engineering

Proposed by (unit name): Computing and Software Systems

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:

     04/06/12 Date proposal received by originating campus's review body

     04/12/12 Date proposal sent to University Registrar

     05/07/12 Date proposal posted & email sent to standard notification list (note: delay in posting

     was due to determining if the 1503 needed to be posted for Tri-Campus Review)

     05/31/12 Date of originating campus's curriculum body approval
             (Note: this date must be 15 business days or more following date of posting)

    B. __3___ 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:
      _x_ FCTCP subcommittee
      ___ FCTCP full council
      Chaired by: FCTCP Committee Chair (Erdly) recused himself from voting as this proposal is from his own department. Reviews were completed and voted on by remaining subcommittee members.

6/11/12 Date request for review received from University Registrar
6/25/12 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)

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