

June 12, 2009

Dean Matthew O'Donnell  
College of Engineering  
Box 352180

Dean Ana Mari Cauce  
College of Arts and Sciences  
Box 353765

Dear Matt and Ana Mari:

Based on the recommendation of its Subcommittee on Admissions and Programs, the Faculty Council on Academic Standards has recommended approval of the revised program requirements for the Bachelor of Science degree in Computer Science. A copy of the changes is attached.

I am writing to inform you that the Department of Computer Science and Engineering is authorized to specify these requirements beginning autumn quarter 2009.

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,



Mark A. Emmert  
President

Enclosure

cc: Mr. Pim Lustig (with enclosure)  
Mr. Robert Corbett (with enclosure)  
Dr. Deborah H. Wiegand (with enclosure)  
Todd Mildon, J.D. (with enclosure CSE-20090511B)



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

**MAY 22 2009**  
 OFFICE USE ONLY  
 Control #  
**CSE - 20090511 B**

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>

<b>College/Campus</b> A & S	<b>Department/Unit</b> CSE	<b>Date</b> 5/11/2009
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**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 Computer Science within the Bachelor of Science.
- 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 09**

Contact Person: Pim Lustig      Phone: 6-3225      Email: pl@cs.washington.edu      Box: 352350

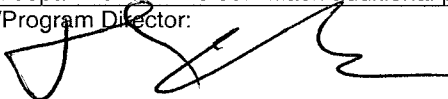
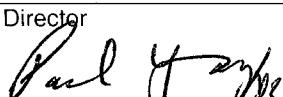
**EXPLANATION OF AND RATIONALE FOR PROPOSED CHANGE**

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).

see 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: Linguistics	Chair/Program Director: 	Date: 5/2009
Department/Unit: Bioengineering	Chair/Program Director: 	Date: 5/2009

**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.

**Major Requirements**

4) Senior Electives (minimum of 20 credits): At least 20 credits from the senior electives courses listed in the CS&E Handbook, including at least four of the following courses: CSE 401, CSE 403, CSE 421, CSE 427, CSE 431, CSE 440, CSE 444, CSE 451, CSE 455, CSE 457, CSE 461, CSE 466, CSE 467, CSE 471, CSE 473, CSE 484.

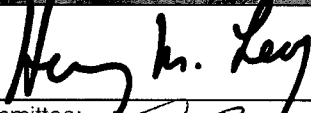

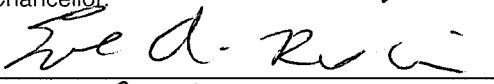
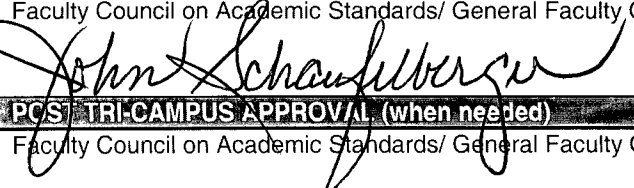
**PROPOSED CATALOG COPY**

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.

**Major Requirements**

4) Senior Electives (minimum of 20 credits): At least 20 credits from the senior electives courses listed in the CS&E Handbook, including at least four of the following courses: CSE 401, CSE 403, CSE 421, CSE 427, CSE 431, CSE 440, CSE 444, CSE 446, CSE 451, CSE 455, CSE 457, CSE 461, CSE 466, CSE 467, CSE 471, CSE 473, CSE 484.

**APPROVALS**

Chair/Program Director:		Date:
College/School/Campus Curriculum Committee:		Date: 5-19-09
Dean/Vice Chancellor:		Date: 5-20-09
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:		Date: 6/5/09
<b>PCS TRI-CAMPUS APPROVAL (when needed)</b>		
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:		Date:

**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 are updating our list of approved senior elective courses to include CSE 446 which was recently added to the CSE curriculum.

In addition, as part of our regular review of non-CSE courses approved as senior electives for the Computer Science major, we wish to include the following additional courses:

<b>Department</b>	<b>Course #</b>	<b>Course Title</b>
BIOEN	303	Bioengineering Signal Processing (4)
BIOEN	485	Computational Bioengineering (4)
EE	331, 332	Devices and Circuits I and II (5,5)
EE	341	Discrete Time Linear Systems (5)
EE	400-level	Any 400-level majors course <b>with the exception of: EE 406, 452-457, 471, 472, 478, 491 and 499</b>
INFO	446	Advanced Search Engine Systems (5)
LING	473	Basics for Computational Linguistics (3)

Each course on the elective list has a significant overlap with computer science and engineering, either because it focuses on a significant application or use of computers, it focuses on an underlying technology for computers or communication, or it develops a conceptual or formal framework useful in doing computer science and engineering.