UNIVERSITY OF WASHINGTON

OFFICE OF THE PRESIDENT

Mark A. Emmert, President

June 20, 2007

Dean Matthew O'Donnell
College of Engineering
Box 352180

Dear Matthew:

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

I am writing to inform you that the College of Engineering is authorized to specify these requirements beginning autumn quarter 2007.

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: Don Janssen (with enclosure)
Mariko Navin (with enclosure)
Mr. Robert Corbett (with enclosure)
Dr. Deborah H. Wiegand (with enclosure)
Todd Mildon, J.D. (with enclosure CEE-20070305)

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MAY 2 1 200

UNIVERSITY OF WASHINGTON

CREATING AND CHANGING UNDERGRADUATE ACADEMIC PROGRAMS

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After college/school review, send a signed original and 8 copies to FCAS, Box 355850.

For information about when and how to use this form: http://depts.washington.edu/uwcr/1503instructions.pdf

College	Department or Unit	Date
College of Engineering	Civil & Environmental Engineering	3/5/07

New Programs

- ☐ Leading to a Bachelor of _____ in _____
- ☐ Leading to a Bachelor of _____ degree with a major in _____ degree.
- ☐ 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 Science in Civil Engineering
- ☑ 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 _____ to _____.
- ☐ New or Revised Continuation Policy for _____.
- ☐ Eliminate program in _____.

Proposed Effective Date:

Quarter: ☑ Autumn ☐ Winter ☐ Spring ☐ Summer **Year: 20 07**

Contact Person	Contact's Phone	Contact's Email
Don Janssen	206 – 543 – 9655	dnjan@msn.com

EXPLANATION OF AND RATIONALE FOR PROPOSED CHANGE

For new programs, please include any relevant supporting documentation such as student learning outcomes, projected enrollments, letters of support and departmental handouts. *(Use additional pages if necessary).*

Numerical analysis is an important part of many areas of Civil Engineering, with applications ranging from analyzing streamflow during Spring runoff events to evaluating the suitability of a building response to a significant seismic event. In order to get students started in the area of numerical analysis, we have been offering a 1-credit "Basic Civil Engineering Computing" course, CEE392. The instructor for the course has reported that a number of students do not seem adequately prepared, even though CSE142, "Computer Programming 1" is an admission requirement for the Civil Engineering program, and therefore a pre-requisite for CEE392. Exit surveys of graduates for the past two years indicate that satisfaction with computer training outside of Civil Engineering is lower than any other area of coursework (including mathematics and chemistry and physics).

The Applied Mathematics department recently revised AMATH301 "Beginning Scientific Computing" to four credits, which would satisfy the College of Engineering requirement for a four-credit computing course. AMATH301 is more focused on numerical analysis (than CSE142), and would be a better match with the requirements of many of our students.

We are proposing to allow either CSE142 or AMATH301 to fulfill the admission requirements for Civil Engineering with respect to computing. We would count AMATH301 as part of the technical program, as we do CSE142.

CATALOG COPY

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

Department Admissions Requirement: CSE/ENGR 142

Graduation Requirements: CSE 142

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)

Department Admissions Requirement: AMATH 301 (4-credit version) or CSE 142. AMATH 301 is strongly recommended.

Graduation Requirements: AMATH 301 or CSE 142

SIGNATURES (required)

	Date
Chair/Program Director	
Dean	5/10/2007
College Committee	5-16-07
Faculty Council on Academic Standards	5/16/2007
	4/17/07

UoW 1503 (12/05) REVERSE

RESET FORM