



# UNIVERSITY OF WASHINGTON

OFFICE OF THE PRESIDENT

*Mark A. Emmert, President*

November 10, 2008

Dean Matthew O'Donnell  
College of Engineering  
Box 352180

Dear Matt:

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 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 winter 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,

A handwritten signature in black ink, appearing to read "Mark".

Mark A. Emmert  
President

Enclosure

cc: Ms. Mariko Navin (with enclosure)  
Mr. Robert Corbett (with enclosure)  
Dr. Deborah H. Wiegand (with enclosure)  
Mr. Todd Mildon, J.D. (with enclosure CEE-20081008)

OCT 24 2008



UNIVERSITY OF WASHINGTON  
CREATING AND CHANGING UNDERGRADUATE  
ACADEMIC PROGRAMS

OFFICE USE ONLY  
Control #  
CEE-20081008

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 Engineering	Department or Unit Civil & Environmental Engineering	Date 10/8/08
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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 \_\_\_\_\_ within the Bachelor of Science in Civil Engineering.
- 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 Mariko Navin	Contact's Phone 206 — 543 — 5092	Contact's Email mnavin@u.washington.edu
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**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).

The Department of Civil & Environmental Engineering requests that CEE 392 (Basic Civil Engineering Computing, 1 cr), which is currently required for the Bachelor of Science in Civil Engineering degree, be automatically waived if students have completed AMATH 301 (Beginning Scientific Computing, 4 cr).

In June 2007, the Department requested and the University approved the use of AMATH 301 as an alternative course to CSE 142 (Computer Programming I) and identified it as the preferred course to satisfy the computing requirement for admission to the BSCE program.

CEE 392, a one-credit course within the major, was designed to provide majors a rudimentary introduction to numerical analysis, using MATLAB as a software tool. Since AMATH 301 is a comprehensive 4-credit course in scientific computing, also using MATLAB, the Department feels that it is unnecessary for students who have taken AMATH 301 to take CEE 392.

The Department intends to withdraw the CEE 392 course requirement in a few years after the AMATH 301 course (or equivalent) becomes more widely available to students in the community colleges.

**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.

Under "Department Admissions Requirement"

Course Requirements: MATH 124, MATH 125, MATH 126, MATH 308; CHEM 142; PHYS 121, PHYS 122; AMATH 301 or CSE 142 (AMATH 301 strongly recommended); AA 210; CEE 220; M E 230; and 5 credits of English composition.

Under "Major Requirements" section:

Civil Engineering Core (45 credits): CEE 306, CEE 316, CEE 320, CEE 342, CEE 345, CEE 350, CEE 363, CEE 366, CEE 379, CEE 380, CEE 390, CEE 391, CEE 392

**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)

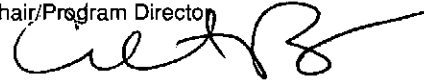
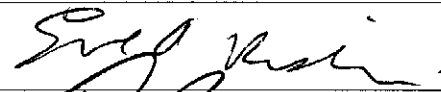
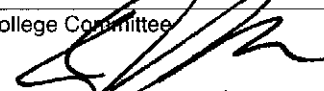
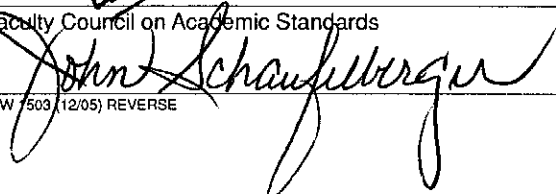
Under "Department Admissions Requirement"

Course Requirements: MATH 124, MATH 125, MATH 126, MATH 308; CHEM 142; PHYS 121, PHYS 122; AMATH 301\* (preferred) or CSE 142; AA 210; CEE 220; M E 230; and 5 credits of English composition. (~~AMATH 301 will waive the CEE 392 requirement~~)

Under "Major Requirements" section:

Civil Engineering Core (45<sup>.48</sup> credits): CEE 306, CEE 316, CEE 320, CEE 342, CEE 345, CEE 350, CEE 363, CEE 366, CEE 379, CEE 380, CEE 390, CEE 391, CEE 392. (~~CEE 392 will be waived with AMATH 301 credits~~)  
*either or AMATH 301*

**SIGNATURES (required)**

Chair/Program Director 	Date 10-11-08
Dean 	Date 10-22-08
College Committee 	Date 10-21-08
Faculty Council on Academic Standards 	Date Nov. 10, 2008

UoW 7503 (12/05) REVERSE



Date: Mon, 3 Nov 2008 17:03:23 -0800  
From: Mariko Navin <mnavin@u.washington.edu>  
To: uwcr@u.washington.edu  
Subject: Re: Fw: 1503 question

Hi Jennifer,  
It's fine to go as is with what you propose (as per Tim Larson).

Best,

Mariko  
~~~~~  
Mariko Navin  
UW Civil & Environmental Engineering  
[ceadvice@u.washington.edu](mailto:ceadvice@u.washington.edu)  
206-543-5092

----- Original Message ----- From: <[uwcr@u.washington.edu](mailto:uwcr@u.washington.edu)>  
To: "Mariko Navin" <[mnavin@u.washington.edu](mailto:mnavin@u.washington.edu)>  
Cc: "Don Janssen" <[dnjan@msn.com](mailto:dnjan@msn.com)>; <[gmilller@u.washington.edu](mailto:gmilller@u.washington.edu)>  
Sent: Monday, October 27, 2008 12:08 PM  
Subject: Re: Fw: 1503 question

> Okay here is what we would like to see:  
>  
> Admissions Requirements:  
>  
> Course Requirements: MATH 124, MATH 125, MATH 126, MATH 308; CHEM 142; PHYS  
> 121, PHYS 122; either AMATH 301 (preferred) or CSE 142; AA 210; CEE 220; M E  
> 230; and 5 credits of English composition.  
>  
> Major Requirements:  
>  
> Civil Engineering Core (45-48 credits): CEE 306, CEE 316, CEE 320, CEE 342,  
> CEE 345, CEE 363, CEE 366, CEE 379, CEE 390, CEE 391, either CEE 392 or AMATH  
> 301.  
>  
> A course can be both an admissions and a program requirement.  
>  
> Jennifer