UNIVERSITY OF WASHINGTON

OFFICE OF THE PRESIDENT

Mark A. Emmert, President

May 15, 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 admissions and program requirements for a Bachelor of Science in Materials Science and Engineering degree. A copy of the changes is attached.

I am writing to inform you that the department of Materials Science and 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: Kathleen Elkins (with enclosure)
       Mr. Robert Corbett (with enclosure)
       Dr. Deborah H. Wiegand (with enclosure)
       Todd Mildon, J.D. (with enclosure MSE-20070322)

UNIVERSITY OF WASHINGTON
CREATING AND CHANGING UNDERGRADUATE
ACADEMIC PROGRAMS

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
Engineering	MS E	3/22/07

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 MSE within the Bachelor of Science.

☑ 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
Kathleen A. Elkins	206 – 616 – 6581	kelkins@u.washington.edu

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).*

All of our majors need to have some background in programming, control structures, file processing. Students without this background should take CSE 142 or an equivalent, the current prerequisite. However, a growing number of applicants to the major have the needed programming background in a wide variety of possible forms. Those students need not repeat overlapping content in CSE 142 but be encouraged to complete AMATH 301 where they get scientific computing and matlab, which is becoming more widely available at community colleges as well as at the UW. We would, thus, like the current prerequisitie (CSE 142) changed to allow either course (CSE 142 OR AMATH 301) as the prerequisite and as the degree requirement.

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.

Upper-division Admission
1. Course requirements:...CSE 142; MSE 170; 5 credits of English composition.

Major Requirements (89 credits)
1. Engineering Fundamentsl (24 credits): CSE 142, MSE 170,...

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)
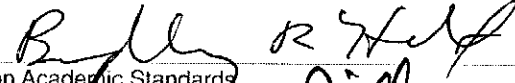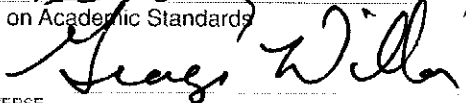
Upper-division Admission
1. Course requirements....CSE 142 OR AMath 301; MSE 170; 5 credits of English composition.

Major Requirements (89 credits)
1. Course requirements...CSE 142 or AMath 301, MSE 170,...

SIGNATURES (required)

Chair/Program Director   Date 4/10/07

Dean   Date 4-25-07

College Committee   Date 4/24/07

Faculty Council on Academic Standards   Date 5/11/07

UoW 1503 (12/05) REVERSE

RESET FORM