



UNIVERSITY OF WASHINGTON

OFFICE OF THE PRESIDENT

Mark A. Emmert, President

October 08, 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 admission requirements for a Bachelor of Science in Chemical 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 2008.

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 A. Emmert".

Mark A. Emmert
President

Enclosure

cc: Ms. Devota Madrano (with enclosure)
Mr. Robert Corbett (with enclosure)
Dr. Deborah H. Wiegand (with enclosure)
Todd Mildon, J.D. (with enclosure CHEME-20070509)



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

OFFICE USE ONLY
 Control # CH E ME - 20070501

JUN 07 2007

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 Chemical Engineering	Date 5/9/07
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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 Chemical Engr. within the Bachelor of B.S.Ch.E.
- 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_08**

Contact Person Devota Madrano	Contact's Phone 206 - 543 - 2252	Contact's Email advising@cheme.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 College of Engineering would like to increase the number of students admitted as freshmen directly into engineering programs. The Department of Chemical Engineering, following the recommendation of our Advisory Board, would like to be able to admit up to 20% of our undergraduate class through direct freshman admission. This would allow our department and the University to attract more highly qualified freshman applicants. It also encourages our faculty to provide courses, research opportunities, and other activities to retain students in the department and college.

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.

Applicants are considered in two groups -- Early Admission and Upper-Division Admission...

1. Early Admission...
2. Upper-Division Admission...

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)

Applicants are considered in three groups: Direct Freshman Admission, Early Admission, and Upper-Division Admission...

1. Direct Freshman Admission
 - a. Open to freshman students formally admitted to the UW.
 - b. High school GPA of 3.80 or higher; SAT (or equivalent) scores of 1400 or higher.
 - c. Indication on the application that Chemical Engineering is the student's first choice for a major.

NUMBERING CHANGE:

2. Early Admission...
3. Upper-Division Admission...

See supplement

SIGNATURES (required)

Chair/Program Director <i>Eric M. Stone</i>	Date <i>5/23/07</i>
Dean <i>Bobby R. Held Sue O. Kestler</i>	Date <i>6/5/07</i>
College Committee <i>Bobby R. Held</i>	Date <i>6/5/07</i>
Faculty Council on Academic Standards <i>Steve Miller</i>	Date <i>10/5/07</i>

UoW 1503 (12/05) REVERSE

RESET FORM

Chemical Engineering

105 Benson

Chemical engineering is concerned with processes for transforming raw materials into energy and into a great variety of consumer products, such as gasoline, electronic materials, pulp and paper, fertilizers, rubber, polymers and composites, and pharmaceuticals. Chemical engineers work on research and development of these materials and on the processes for making them, as well as on the design and operation of chemical plants and equipment by which production is achieved. This must be done with efficiency, economy, and concern for society and the environment.

Undergraduate Program

Adviser
105 Benson, Box 351750
206-543-2252
advising@cheme.washington.edu

1. Direct Freshman Admission
 - a. Open to freshman students formally admitted to the UW.
 - b. High school GPA of 3.80 or higher; SAT (or equivalent) scores of 1400 or higher.
 - c. Indication on the application that Chemical Engineering is the student's first choice for a major.

The Department of Chemical Engineering offers the following program of study:

- The Bachelor of Science in Chemical Engineering degree. This degree program is accredited by the Accreditation Board for Engineering and Technology (ABET).

Bachelor of Science in Chemical Engineering

Suggested First- and Second-Year College Courses: MATH 124, MATH 125, MATH 126, MATH 307, CHEM 142, CHEM 152, CHEM 162, CHEM 237, PHYS 121, PHYS 122, PHYS 123, ENGL 131 (or equivalent), CSE 142, CHEM E 260.

Department Admission Requirements

three groups: Direct Freshman Admission,

Applicants are considered in ~~two groups~~ *three groups*: Early Admission, and Upper-Division Admission. Admission is competitive. Thus, completion of minimum requirements described below does not guarantee admission. All applicants have the right to petition and appeal the department's admission decision. Applications are accepted for autumn quarter only; application deadline is July 1. The application is available at www.engr.washington.edu/uappl.

~~1.~~ Early Admission

- 2 a. *Course requirements:* MATH 124, MATH 125, MATH 126; CHEM 142, CHEM 152, CHEM 162; PHYS 121; and 5 credits of English composition. All courses must be completed prior to the July 1 application deadline.
- b. *Credit requirements:* Applicants must be completing their freshman year at the UW and must have completed a minimum of 15 credits taken in residence at the UW.
- c. *Grade requirements:* A minimum grade of 2.0 in each prerequisite course and a minimum GPA of 2.50.

~~2.~~ Upper-Division Admission

- 3 a. *Course requirements:* MATH 124, MATH 125, MATH 126, MATH 307 (18 credits); CHEM 142, CHEM 152, CHEM 162, CHEM 223 or CHEM 237 (20);