TO: The Faculty of the College of Engineering

FROM: The Davidson School of Chemical Engineering

RE: Change in Requisites for CHE 20000, 30000, 40000, 42000, 43500, 45000, 45600

The faculty of the Davidson School of Chemical Engineering has approved the following change in grade requirements for Chemical Engineering Courses. This action is now submitted to the Engineering Faculty with a recommendation for approval.

From: CHE 20000, 30000, 40000, 42000, 43500, 45600 Minimum grade of a D-

To: CHE 20000, 30000, 40000, 42000, 43500, 45600 Minimum grade of a C-

Reason: The proposed change brings consistency to the minimum grade requirement for all of the chemical engineering courses within our curriculum. Currently, students are required to earn a grade of C or higher in CHE 20500, a minimum of a grade of a C- or higher in other chemical engineering courses that are pre-requisites to our senior level courses, and a minimum grade of a D- or higher in our senior level and courses.

David S. Corti

David Corti, Executive Officer

For Sangtae Kim, Jay and Cynthia Ihlenfeld Head
School of Chemical Engineering

Current Program Requirements:

Fall 1st Year
(4cr) MA 16500 Analytic Geometry & Calculus I
(4cr) CHM 11500 General Chemistry I
(3cr) Written Communication
(2cr) ENGR 13100 Transforming Ideas to Innovation I
13 Credits

Spring 1st Year
(4cr) MA 16600 Analytic Geometry & Calculus II
(4cr) CHM 11600 General Chemistry II
(4cr) PHYS 17200 Modern Mechanics OR ENGR 16200 Honors Creativity and Innovation in Engineering Design II
(3cr) Oral Communication
(2cr) ENGR 13200 Transforming Ideas to Innovation II
17 Credits

Fall 2nd Year
(1cr) CHE 20000 ChE Sophomore Seminar
(4cr) CHE 20500 CC ChE Calculations
(3cr) CHM 26100 Organic Chemistry I
(1cr) CHM 26300 Organic Chemistry Laboratory I
(3cr) MA 26100 Multivariate Calculus
(3cr) PHYS 24100 Electricity & Optics
16 Credits

Spring 2nd Year
(4cr) CHE 21100 CC Intro to ChE Thermodynamics
(3cr) CHE 32000 CC Statistical Modeling & Quality Enhancement
(3cr) CHM 26200 Organic Chemistry II
(1cr) CHM 26400 Organic Chemistry Laboratory II
(3cr) Math Selective I
(3cr) General Education Elective II: BSS
17 Credits

Fall 3rd Year
(3cr) CHE 30600CC Design of Staged Separation Processes
(4cr) CHE 37700 CC Momentum Transfer
(3cr) CHM 37000 Physical Chemistry
(3cr) Math Selective II
(3cr) Biology Selective
16 Credits

Spring 3rd Year
(1cr) ChE Junior Seminar
(4cr) CHE 37800 CC Heat & Mass Transfer
(4cr) CHE 34800 CC Chemical Reaction Engineering
(3cr) Technical Selective
(3cr) Engineering Selective
(3cr) General Education Selective III: STS
17 Credits

Proposed Program Requirements:

Fall 1st Year
Same
Same
Same
Same
Same

Spring 1st Year
Same
Same
Same
Same
Same
Same
Same

Fall 2nd Year
Same
Same
Same
Same
Same
Same
Same

Spring 2nd Year
Same
Same
Same
Same
Same
Same
Same

Fall 3rd Year
Same

Same
Same
Same
Same
Same

Spring 3rd Year
Same
Same
Same
Same
Same
Same
18 credits

Fall 4th Year	**Fall 4th Year**
(1cr) CHE 40000 ChE Senior Seminar	Same
(3cr) CHE 45600 Process Dynamics & Control	Same
(4cr) CHE 43500 ChE Laboratory	Same
(3cr) CHE 42000 Process Safety Management	Same
(3cr) General Education Elective IV	Same
(3cr) General Education Elective I: Humanities	Same
17 Credits	Same
Spring 4th Year	**Spring 4th Year**
(4cr) CHE 45000 Design & Analysis of Processing Systems	Same (4cr)
(3cr) Chemical Engineering Selective	Same
(3cr) Engineering Selective	Same
(3cr) General Education Elective V	Same
(3cr) General Education Elective VI	Same
16 Credits	Same
Note	**Note**
2.0 Graduation GPA required for Bachelor of Science degree.	Same
Students must earn a "C" or better in CHE 20500 to enroll in any other CHE course.	
Students must earn a “C-” or better in CHE 21100, 30600, 32000, 34800, 37700, 37800 to enroll in upper level CHE courses.	Students must earn a “C-” or better in all other CHE courses.
130 semester credits required for Bachelor of Science degree in Chemical Engineering.	
Students may take General Education Elective IV, V, and VI for a letter grade or pass/no pass option.	
3 credits of CHE 41100, 41200, 49800 or 49900 may be used to complete the Chemical Engineering Selective.	
3 credits of CHE 41100, 41200, 49800, or 49900 may be used to complete the Engineering or Technical Selective.	
Degree Requirement	**Degree Requirement**
The student is ultimately responsible for knowing and completing all degree requirements.	Same
The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.	
Critical Course	**Critical Course**
The **CC** course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.	Same