Ph.D. Requirements in the Department of Chemical Engineering at National Cheng Kung University

(for students who enroll hereafter the Fall semester of 2017)

1. Ph.D. students may complete their Ph.D. degree in 2 to 7 years (no more than 7 years). For the students who do not have a Master of Science (M.S.) degree, they should spend at least 3 years to complete their Ph.D. degree.
2. The minimum credit hour requirement for graduation is 18 credit hours. For the students who do not have a Master of Science (M.S.) degree, the minimum credit hour requirement for graduation is 42 credit hours. The 12 credit hours for the Ph.D. dissertation are not counted in the credit hour requirement for graduation.
3. Ph.D. students must take and pass the course "graduate seminar" for 6 semesters. For the students who complete their Ph.D. degree in 2 years, they only need to take and pass the course "graduate seminar" for 4 semesters.
4. Ph.D. students must pass the qualification examination within the first 3 years during their Ph.D. study (excluding the period of temporary leave on absence). The qualification examination is proceeded according to "Regulations of Ph.D. Qualification Examination in the Department of Chemical Engineering at National Cheng Kung University". Students who cannot fulfill the above requirement will be expelled from school.
5. Ph.D. students who meet the minimum course requirement and pass the qualification examination may submit the required documents to Graduate Student Affair Committee to initiate the process of the Ph.D. oral defense and proceed according to the regulation "Journal publication requirement for PhD students in the Department of Chemical Engineering at National Cheng Kung University" and the related school regulations.
6. For the Ph.D. students who enroll after the academic year of 104 (included) and do not have the credit hours for two of the following four courses at the undergraduate level (Unit Operation I, Unit Operation III, Chemical Engineering Thermodynamics, and Chemical Reaction Engineering), they must choose one of the following course options and fulfill it in order to be eligible for graduation:
   (1) take and pass (scoring at least 70 points) two of the abovementioned four courses at the undergraduate level;
   (2) take and pass (scoring at least 70 points) two of the three graduate courses (Advanced Transport Phenomena, Advanced Chemical Engineering Thermodynamics, and Advanced Chemical Reaction Engineering);
   (3) take and pass (scoring at least 70 points) two graduate courses (Chemical Engineering I and II). The courses are instructed in English and include the subject materials such as Mass and Energy Balance, Transport Phenomena, Chemical Engineering Thermodynamics, and Chemical Reaction Engineering.

   The credit hours for the courses at the undergraduate level are not counted in the credit hour requirement for graduation. Students must fulfill Regulation #4 or #6 within the first 3 years during their Ph.D. study (excluding the period of temporary leave on absence) or will be expelled from school.
7. For the Ph.D. students who enroll after the academic year of 96 (included), their records of passing the qualification examination and publishing academic papers in their prior enrollment in the Ph.D. program will not be recognized.
8. The transfer students are considered as those newly granted admission to the Ph.D. program in the same year. All requirements and regulations for the graduation and course credit waiver are the same as stated above.
9. There is no requirement on English which is also valid for those PhD students who enrolled before Fall semester, 2017.
10. This regulation will be enforced after being approved by the Departmental Affairs Meeting. The same procedure will be applied for future revision.