

1. 博士班學生修課必須經指導教授簽字認可後，使得修習。指導教授未選定前，得由博士班輔導老師(Graduate Advisor)代理指導教授簽可，但僅限一次(一學期)。
2. 博士班學生選定指導教授當學期，須立即規劃修課計畫表，作為學分修習與認可的依據。指導教授應籌組一委員會，認可學生的修課計畫表，修課計畫表的異動也須經委員會同意。
3. 前述委員會由指導教授召集至少三位研究領域相關專家組成，以本系專任教授為優先，委員會成員是該博士班學生修課與研究工作的諮詢委員。
4. 前述學生修課計畫表中，需指定二門課程作為核心課程，博士班學生在此二門課程的修課成績需**及格並**在該班前百分之六十，始得具有博士候選人資格。
5. 前述修課核心課程，至少有一門課程為輸送現象一、輸送現象二、高等化工熱力學、高等反應工程、高等有機化學、高等無機化學、高等物理化學或高等分析化學，核心課程與修課計畫更動需經指導教授與委員會同意。

The requirements for the course works for Ph.D. students
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1. For Ph.D. students, in order to fulfill the credits required for Ph.D., the undertaken courses must be evaluated and recommended by the student's advisor on the basis of appropriateness of the course material. If the student has not yet decided the advisor, she/he could obtain the approval from the Graduate advisor for the first semester, which is applicable only for the first semester.
2. In such cases, the student's degree clock starts with the first of these courses approved for inclusion in a plan of work (POW). The advisor is responsible for organizing an advisory committee to approve the POW. Any change of the POW should be approved by the advisory committee.
3. The aforementioned advisory committee should be composed by at least three experts from the related research field. The Professors from the Department of Chemical Engineering (Taiwan Tech) should be considered with priority as the committee members. The advisory committee plays the role for research and course consultation.
4. At least 2 courses should be designated as core courses in the POW, and the Ph.D. students should **pass the courses and** acquire the grade at the top 60 % to be considered **as the candidate of Ph.D. degree**.
5. At least one of the core courses for POW should be selected from: (i) **Advanced Transport Phenomena (I)**; (ii) **Advanced Transport Phenomena (II)**; (iii) **Advanced Thermodynamics**; (iv) **Advanced Kinetic Engineering**; (v) **Advanced Organic Chemistry**; (vi) **Advanced Inorganic Chemistry**; (vii) **Advanced Physical Chemistry or Advanced Analytical Chemistry**. Any modification on the selection of the core course should be agreed by the advisory committee.