

CHEMICAL AND BIOMOLECULAR ENGINEERING DEPARTMENT

RECOMMENDED PH.D. PROGRAM TIMELINE

	FALL QUARTER	WINTER QUARTER	SPRING QUARTER
1ST YEAR	Chm Eng 200 Chm Eng 298 Chm Eng 299 Chm Eng 597B Elective ¹ TA Class 495 *ADVISOR SELECTION PROCESS	Chm Eng 210 Chm Eng 220 Chm Eng 298 Chm Eng 299 Chm Eng 597B *PRELIMINARY ORAL EXAM	Chm Eng 298 Chm Eng 299 Chm Eng 597B Elective ¹ *SUBMIT COURSE STUDY PLAN *NOMINATE DOCTORAL COMMITTEE
2ND YEAR	Chm Eng 298 Chm Eng 299 Chm Eng 597B TA Conference before School Year begins	Chm Eng 298 Chm Eng 299 Chm Eng 597C *SUBMIT RESEARCH PROPOSAL (7TH WEEK) *PH.D. ORAL QUALIFYING EXAM/ ADVANCEMENT TO DOCTORAL CANDIDACY (9TH WEEK)	Chm Eng 298 Chm Eng 299 Chm Eng 599
3RD YEAR	Chm Eng 298 Chm Eng 299 Chm Eng 599	Chm Eng 298 Chm Eng 299 Chm Eng 599	Chm Eng 298 Chm Eng 299 Chm Eng 599 *ORAL PROGRESS REPORT
4TH YEAR	Chm Eng 298 Chm Eng 299 Chm Eng 599	Chm Eng 298 Chm Eng 299 Chm Eng 599	Chm Eng 298 Chm Eng 299 Chm Eng 599 *FILE DISSERTATION/ GRADUATION

¹Consult with the Graduate Adviser or research advisor. All must be 200 level, letter-graded courses. Three are required. Two of the three must be ChE; the remaining courses may be in any field of science, mathematics, or engineering. Must be enrolled in 12 Units/Quarter.

The PWE is taken during Spring break of the 1st Year.

For Non-Chemical Engineering undergrads the undergrad courses for Transport Phenomena, Thermodynamics and Chemical Reaction, Engineering are recommended. Please consult your research advisor.

101A-Transport Phenomena I/Fall Quarter

106-Chemical Reaction Engineering/Fall Quarter

101B-Transport Phenomena II: Heat Transfer/Winter Quarter

102A-Thermodynamics I/Winter Quarter

101C-Transport Phenomena III/Spring Quarter

102B-Thermodynamics II/Spring Quarter