

Doctor of Philosophy in Chemistry (Straight Program)

I. REQUIRED SUBJECTS		Units
CH 211 series or CH 212 series	Advanced Inorganic Chemistry	3
CH 221 series or CH 222 series	Advanced Organic Chemistry	3
CH 235 series or CH 236 series	Advanced Analytical Chemistry	3
CH 241 series or CH 242 series	Advanced Physical Chemistry	3
CH 251 series or CH 252 series	Advanced Biochemistry	3
CH 38x series	Graduate Seminars	6
TOTAL:		21

II. ELECTIVES

At least 15 units of graduate subjects available at the Department of Chemistry or other school of Science and Engineering Departments with the approval of the Academic Adviser.

TOTAL: 15

III. LANGUAGE REQUIREMENT

The student must demonstrate an ability to read scientific papers in modern languages other than English. Proficiency in a computer language other than BASIC will also satisfy this requirement.

IV. CUMULATIVE EXAMINATION

V. COMPREHENSIVE EXAM

V. COMPREHENSIVE EXAM		Units
CH COMPRE 400	Comprehensive Examinations	0
TOTAL:		0

IV. DISSERTATION WRITING

AND ORAL DEFENSE

CH 398.1	Dissertation Proposal	3
CH 398.2	Original Research Proposal	0
CH 399	Dissertation Research	0
CH 400	Dissertation Writing	0
CH 398.8	Dissertation Seminar	1
Publication Requirement		0
TOTAL:		16

*The units for the dissertation are credited after the student passes the oral defense and submits the final revised copy of the dissertation.

SUMMARY

Required Subjects	21 units
Electives	15 units
Language Requirement	0 units
Cumulative Examination	0 units
Comprehensive Exam	0 units
Dissertation Writing and Oral Defense	16 units

Total 52 units