

**Doctor of Philosophy in Chemistry: Suggested Study Program for fulltime students with a BA/BS (59 credits).**

First (1st) Year					
First (1st) Semester			Second (2nd) Semester		
Course Code	Description	Credits	Course Code	Description	Credits
CHEM 6905	Teaching Assistantship	3	CHEM 6906	Teaching Assistantship	3
CHEM 6000	Chemistry Graduate Core Course at the 6000 level	3	CHEM 6000	Chemistry Graduate Core Course at the 6000 level	3
CHEM 6000	Chemistry Graduate Core Course at the 6000 level	3	CHEM 6000	Chemistry Graduate Core Course at the 6000 level	3
CHEM 8999	Laboratory Rotations	0	CHEM 8902	Graduate Seminar	1
CHEM 8901	Graduate Seminar	1	CHEM 8000	Focused Research Seminar	2
			<b>Milestone 1: Candidacy Exam (Summer)</b>		
<i>Total</i>		10	<i>Total</i>		12
Second (2nd) Year					
Third Semester			Fourth Semester		
Course Code	Course Name	Credits	Course Code	Course Name	Credits
CHEM 6905	Teaching Assistantship	3	CHEM 6906	Teaching Assistantship	3
CHEM 8000	Scientific Writing	3	CHEM 8000	Chemistry Elective Course	3
CHEM 8000	Chemistry Elective Course	3	CHEM 8000	Focused Research Seminar	2
CHEM 8000	Focused Research Seminar	2	CHEM 8999	Graduate Research	3
CHEM 8999	Graduate Research	3			
			<b>Milestone 2: Thesis Research Proposal</b>		
<i>Total</i>		11/14	<i>Total</i>		8/11
Third Year					
CHEM 6905	Teaching Assistantship	3	CHEM 6906	Teaching Assistantship	3
CHEM 8000	Focused Research Seminar	2	CHEM 8000	Focused Research Seminar	2
CHEM 8999	Graduate Research	6	CHEM 8999	Graduate Research	6
<b>Milestone 3: Research Seminar Presentation</b>			<b>Milestone 4: Original Research Proposal</b>		
<i>Total</i>		8/11	<i>Total</i>		8/11
Fourth Year and Beyond					
Seventh Semester			Eight Semester		
Course Code	Course Name	Credits	Course Code	Course Name	Credits
CHEM 6905	Teaching Assistantship	3	CHEM 6906	Teaching Assistantship	3
CHEM 8895	Dissertation Continuation	0	CHEM 8896	Dissertation Continuation	0
CHEM 8000	Focused Research Seminar	2			
<i>Total</i>		2/5	<i>Total</i>		0/3
<b>CHEM 8895/8896: Dissertation Continuation (beyond the fifth year) – 0 credits</b>					
<b>Milestone 5: Thesis Presentation and Defense</b>					

**For parttime Ph.D. students, a study program will be developed in an agreement with the student, the CGP Coordinator, and the Academic Affairs committee.**