Chemistry & Biochemistry Graduate Curriculum Map (revised April 11, 2025)

Credits needed for graduation: **PhD**: 60 credits (30 credits if already have an MS); **MS**: 30 credits

This is a guideline; actual registration should be decided by advisor and student. Note: To finish in less than four years, this schedule must be accelerated.

Start Term: Fall (If starting in the Spring, use 1st Semester as your starting point)

Year 1

FALL Courses		SPRING Courses		SUMMER Courses		Requirements
Semester 1	**Credits**	**Semester 2**	**Credits**	**Summer Semester I**	**Credits**	• Join a research group by the end of 1st semester • Achieve a DGPR of 3.0 by end of 2nd Semester • Qualify in two areas by the end of 2nd Semester • Attendance of required faculty research seminars • Submit Committee Appointment Request form to Graduate School by the end of May (G-DCA) (December for January entry) • CHEM 701 should be taken either Semester 2, 3, or 4. When CHEM 701 is listed, but you are not taking CHEM 701, take the higher number of CHEM 898 credits suggested.
CHEM 7##	3	CHEM 7##	3	CHEM 898	3	
CHEM 7##	3	CHEM 7##	3			
CHEM 7##	3	CHEM 701	1 or 0			
GRAD 701	0				**Total 3**	
	Total 9		**Total 6 or 7**	**Cumulative Credits after Year 1**	**18 or 19**	

Year 2

FALL Courses		SPRING Courses		SUMMER Courses		Requirements
Semester 3	**Credits**	**Semester 4**	**Credits**	**Summer Semester II**	**Credits**	• Semester 3 – successfully defend Research Plan • Semester 4 or 5 - successfully defend Research Proposal • First seminar (CHEM 701) needs to be completed before the end of Semester 4 • Doctoral Program of Study (DPOS) should be filled out after passing the Plan and Proposal plus recommendation of advisor on research progress (end of Semester 4 or 5) • MS degree is the same through semester 4, except the Research Proposal is not needed. Students take CHEM 898s until done (need 6 credits for MS). Terminal MS candidates can apply for Z-status when nearing 30 credits. MS requires a thesis with two readers.
CHEM 790	3	CHEM 791	3	CHEM 898	3	
CHEM 898	2 or 3	CHEM 898	2 or 3			
CHEM 701*	0 or 1	CHEM 701*	0 or 1			
*Only register for CHEM 701 if you are giving your 1st seminar here		*Only register for CHEM 701 if you are giving your 1st seminar here			**Total 3**	
	Total 6		**Total 6**	**Cumulative Credits after Year 2**	**33 or 34**	

Year 3

FALL Courses		SPRING Courses		SUMMER Courses		Requirements
Semester 5	**Credits**	**Semester 6**	**Credits**	**Summer Semester III**	**Credits**	• Semester 4 or 5 - successfully defend Research Proposal • Doctoral Program of Study (DPOS) should be filled out after passing the Plan and Proposal plus recommendation of advisor on research progress (end of Semester 4 or 5) • Second seminar (CHEM 701) needs to be completed in Semester 5 or 6. When CHEM 701 is listed, but you are not taking CHEM 701, take the higher number of CHEM 898 credits suggested.
CHEM 898	5 or 6	CHEM 898	5 or 6	CHEM 898	3	
CHEM 701*	0 or 1	CHEM 701*	0 or 1			
*Take CHEM 701 here if giving seminar 2 here		*If you took CHEM 701 Semester 5, then don't take here			**Total 3**	
	Total 6		**Total 6**	**Cumulative Credits after Year 3**	**48 or 49**	

Year 4

FALL Courses		SPRING Courses		SUMMER Courses		Requirements
Semester 7	**Credits**	**Semester 8**	**Credits**	**Summer Semester IV**	**Credits**	• Students need 12 credits of CHEM 899 to graduate with a PhD. Make sure you switch over Fall of year 4 (Semester 7) • Z status can be applied for after 54 credits (End of Semester 7). Students should be on Z status from this point until graduation. • Dissertation defense
CHEM 899	6	CHEM 899	5 or 6	CHEM 899	1	
	Total 6		**Total varies**	**Cumulative Credits after Year 4**	**60**	

If registering beyond 4 years, continue on Z-status registering for 1 credit of CHEM 899 per semester until done.