

Course Requirements by Path

Required	Analytical	Chem Biol	Inorganic	Materials	Organic	Physical
Core Course	621	704	608	one of the following: 613, 624, 630, 652, or 653 (hard)	641	661
Core Course	one of the following: 622, 623, 624, 625, 626, 627, 628, or 630	one of the following: 606, 621, 622, 627, 630, or 668,	713	one of the following: 654, 664, or 842 (soft)	841	675
Core Course	one of the following: 622, 623, 624, 625, 626, 627, 628, or 630			one of the following: 613, 624, 630, 652, 653, 654, 664, or 842		one of the following: 664, 665, 668, 762, 763, 775, 777, 860, 864, 872
Core Course						Seminar 960 for 2 credits
Seminar	Seminar 920	Seminar ¹	Seminar 900 ³	Seminar 920	Seminar 940	Seminar 960 ⁴
Group Meeting	Seminar 923	Seminar ²	Seminar 915		Seminar 941, 942, or 943	Seminar 964
Safety Course (Jan 11-15)	607	607	607	607	607	607
Incoming Student Course (Fall)	901	901	901	901	901	901
Minor (9 cr)	satisfy	satisfy	satisfy	satisfy	satisfy	satisfy ⁵
Recommended Courses			two of the following: 606, 613, 630, 714, or 801		strongly: 605, 636, 843	
Research	993	998	994	996	990	992
¹ Students should sign up for seminar course from secondary path to which they are more closely aligned.						
² Students should sign up for group meeting from secondary path to which they are more closely aligned.						
³ Fall and spring semesters of the first two years, the incoming graduate students are required to read 2 journal articles, submit 5 questions, and write a 3-4 page paper about the research of a designated seminar speaker.						
⁴ Take for 2 credits in spring of first year. Other semsters take for 0 credits.						
⁵ Students can count one of the core courses for their minor requirement (P-chem only).						