

Assessment Map for Graduate Courses

Course	SLO 1	SLO 2	SLO 3	SLO 4	SLO 5	SLO 6
5220	x	x	x			
5230	x	x	x			
5310	x	x	x			
5410	x	x	x			
5420	x	x				
5430	x	x	x	x		
5440	x	x		x		
5460	x	x		x		
5510L		x	x	x		x
5520	x	x	x			
5530	x	x	x			
5540	x	x	x	x		x
5500	x	x	x			
5610	x	x	x	x		
5650	x	x	x			
5670						
5710	x	x	x			
5720	x	x				
5810	x	x	x	x		
5820	x	x	x	x		
6910	x	x				x
6940	x			x		x
6960		x	x			

SLO 5 can be met through being a TA: students enroll in CHM 4990 “TA Training” when they begin their TAship. Faculty member guides them through teaching general chemistry. This will be formalized into a class, but wasn’t done yet.

Student Learning Outcomes:

1. Question and probe scientific issues through critical analysis of the chemical literature.
2. Demonstrate proficiency in scientific writing.
3. Demonstrate proficiency in oral communication of science.
4. Develop and pursue hypothesis through appropriate experimental design (thesis proposal)
5. Demonstrate expertise in service to the scientific community (ie, through teaching, outreach, mentoring etc.)
6. Demonstrate successful application of the scientific method (thesis completion).