

UCLA Theory and Computation Chemistry Specialization 2024-2025

Student Information: DSP students are expected to earn their M.S. degree in one year (Fall, Winter, and Spring) and have the option to extend their graduation to the Summer.

Course Requirements:

- One of these sets of courses:
 - C215A, C215B, C223A, C223B, and C226A
 - C215A, C223A, either C215B or C223B, and 2 of the following courses:
 - Chem C245, C215C, C223C, C226A, CM260A, 269A, 269B, C276A
- One elective course approved by area specialization advisor
- Chem 228 every quarter
- Chem 400 (S/U grade)
- Chem 598 (research units with your advisor) every quarter
- Group meeting with your advisor every quarter (attendance required, enrollment optional)

****All courses must be taken for a letter grade unless it is only offered as S/U****

SAMPLE COURSE PLAN			
Quarter	Course #	Course Title	Units
Fall	Chem C215A	Advanced Quantum Chemistry with Laboratory I	4
	Chem C223A	Advanced Thermodynamics and Statistical Mechanics with Laboratory I	4
	Chem 228	Chemical Physics Seminar	2
	Chem 598	Research for and Preparation of MS Thesis	2
Winter	Chem C215B	Quantum Chemistry	4
	Chem C223B	Classical and Statistical Thermodynamics	4
	Chem 228	Chemical Physics Seminar	2
	Chem 400	Safety in Chemical and Biochemical Research	2
	Chem 598	Research for and Preparation of MS Thesis	4
Spring	Chem C226A	Computational Methods for Chemists	4
	Elective	See Advisor	4
	Chem 228	Chemical Physics Seminar	2
	Chem 598	Research for and Preparation of MS Thesis	4
Summer (optional)	Must register for a UCLA course		1 unit minimum