

ACS Exams

Using the General Chemistry Study Guide for General Chemistry I or II

The General Chemistry Study Guide is designed for a full year of general chemistry. In order to use this study guide for a full-year ACS Exam, the entire study guide could be useful as preparation. However, if you are preparing for a first or second term ACS Exam, the break-down of content and practice problems are summarized in the table.

Please note that this break-down is based on a traditional general chemistry course sequence using a relatively recently released ACS Exam. You should consult your instructor if your course deviates from this or if you are unsure if you are taking this type of an exam.

Chapter	Type of Questions	General Chemistry I	General Chemistry II
1. Atomic Structure	Study Questions	#1-3, 5-10	#4
	Practice Questions	#1-13, 16-30	#14, 15
2. Molecular Structure and Bonding	Study Questions	#1-7, 9-10	#8
	Practice Questions	#1-19, 21-27, 29-30	#20, 28
3. Stoichiometry	Study Questions	all	
	Practice Questions	all	
4. States of Matter / Solutions	Study Questions	#6-10	#1-5
	Practice Questions	#12-18, 28-30	#1-11, 19-27
5. Energetics	Study Questions	#1-6	#7-10
	Practice Questions	#1-22	#23-30
6. Dynamics	Study Questions		all
	Practice Questions		all
7. Equilibrium	Study Questions		all
	Practice Questions		all
8. Electrochemistry and Redox	Study Questions	#1, 3, 5	#2, 4, 6-10
	Practice Questions	#1-9	#10-30
9. Descriptive Chemistry / Periodicity	Study Questions	#1, 3-10	#2
	Practice Questions	#1-2, 5-7, 10-30	#3-4, 8-9
10. Laboratory Chemistry	Study Questions	all	
	Practice Questions	#1-10, 15-20	#11-14