

**American Chemical Society Division of Chemical Education
Composite Norms – General Chemistry 2022, Second-Term (GC22S)**

Score	Percentile	Score	Percentile	Score	Percentile
70	100	44	54	18	1
69	100	43	51	17	1
68	100	42	48	16	0
67	99	41	44	15	0
66	99	40	41	14	0
65	98	39	38	13	0
64	98	38	36	12	0
63	97	37	33	11	0
62	96	36	29	10	0
61	94	35	27	9	0
60	92	34	24	8	0
59	91	33	21	7	0
58	89	32	19	6	0
57	87	31	17	5	0
56	85	30	15	4	0
55	83	29	12	3	0
54	80	28	11	2	0
53	78	27	9	1	0
52	75	26	8	0	0
51	73	25	7		
50	70	24	5		
49	68	23	4		
48	65	22	3		
47	62	21	3		
46	59	20	2		
45	57	19	1		

Mean	42.9
Std. deviation	11.6
Median	43
KR-21 reliability	0.89
Std error/meas	3.86

GC22S Norms
based on the scores of 3589 students from 27 institutions

