

**American Chemical Society Division of Chemical Education
Composite Norms – General Chemistry First Term 2021 (GC21F)**

Score	Percentile	Score	Percentile	Score	Percentile
70	100	44	63	18	2
69	100	43	60	17	1
68	100	42	57	16	1
67	99	41	55	15	1
66	99	40	53	14	0
65	98	39	50	13	0
64	97	38	48	12	0
63	97	37	45	11	0
62	95	36	43	10	0
61	94	35	40	9	0
60	93	34	37	8	0
59	91	33	35	7	0
58	90	32	32	6	0
57	88	31	30	5	0
56	86	30	27	4	0
55	85	29	24	3	0
54	83	28	21	2	0
53	81	27	19	1	0
52	79	26	16	0	0
51	76	25	14		
50	74	24	12		
49	73	23	10		
48	71	22	8		
47	69	21	6		
46	67	20	5		
45	65	19	3		

Mean	39.3
Std. deviation	13.0
Median	38
KR-21 reliability	0.91
Std error/meas	3.88

GC21F Norm
based on the scores of 2660 students from 28 different institutions

