

Chemistry Program Learning Goals

1. Master a broad set of fundamentals in the basic areas of the chemical discipline namely organic, inorganic, analytical, and physical.
2. Understand the objectives of chemical experiments, properly and safely carry out the experiments, and appropriately record and analyze results.
3. Communicate orally and in writing scientific concepts to other scientists and to the general public.
4. Skillfully utilize the chemical literature.
5. Have the ability to effectively pursue career objectives in an advanced professional or graduate school education, a scientific career in government or industry, or a career in teaching.

	1. Master Chemical Fundamentals	2. Understand Chemical Experiments	3. Chemical Communication	4. Utilize Chemical Literature	5. Pursue Career in Related to Chemistry
Chemistry 134 General Chemistry 1A	1	1	1	1	1
Chemistry 136 General Chemistry 2A	1	1	1	1	1
Chemistry 225 Organic Chemistry 1	1	1	1	1	1
Chemistry 226 Organic Chemistry 2	1	1	1	1	1
Chemistry 227 Organic Chemistry Lab	1	2	1	1	1
Chemistry 344 Quantitative Analysis	1	2	1	2	2
Chemistry 303 Inorganic Chemistry 1	2	1	1	2	2
Chemistry 368 Physical Chemistry 1	2	1	1	2	3
Chemistry 403 Inorganic Chemistry 2	2	1	1	2	3
Chemistry 447 Instrumental Analysis	2	3	1	2	2
Chemistry 450 Adv. Organic Synthesis & Characterization Lab	1	3	3	3	3
Chemistry 452 Adv. Inorganic Synthesis & Characterization Lab	1	3	3	3	3
Chemistry 469 Physical Chemistry 2	2	1	1	2	3
Chemistry 481 Physicochemical Measurements	1	3	1	2	3
Chemistry 493 Presentation in Chemistry	3	0	3	0	3

Rating

0 does not meet the goal
 1 meets the goal with significant limitations.
 2 meets the goal with some limitations.
 3 meets the goal.