

MINOR IN CHEMISTRY

Minor: Chemistry (CHEQ-M1, 24-25 credits)

Version: Fall 2025

LOWER-DIVISION (9-10 credits)

Select one group from the following:

Group A

COURSE	CREDITS
CHEM 111 or CHEM 107	4
CHEM 112 or CHEM 108	1
CHEM 113	3
CHEM 114	1

Group B

COURSE	CREDITS
CHEM 120	4
CHEM 121	1
CHEM 231	3
CHEM 232	2

UPPER-DIVISION COURSES

ANALYTICAL

COURSE	CREDITS
CHEM 231	3
CHEM 232 (laboratory)	2
CHEM 334 (laboratory)	1
CHEM 335	3
CHEM 338 (laboratory)	3
CHEM 431 (laboratory)	4
CHEM 433 (laboratory)	3

ORGANIC

COURSE	CREDITS
CHEM 241	4
CHEM 242 (laboratory)	1
CHEM 245	4
CHEM 246 (laboratory)	1
CHEM 341	3
CHEM 343	3
CHEM 344 (laboratory)	2
CHEM 345 (laboratory)	4
CHEM 346 (laboratory)	4
CHEM 440 (laboratory)	2
CHEM 445	3

UPPER-DIVISION

Students must take 15 upper-division chemistry credits, or three credits at the 200-level plus 12 upper-division chemistry credits (300-499) from at least two different areas of chemistry – analytical, biological, inorganic, organic, and physical.

At least two of these courses must include a laboratory. No more than three of the upper-division chemistry 15 credits may be fulfilled by CHEM 301, CHEM 384, CHEM 487, CHEM 493, CHEM 495, or CHEM 498. These courses may not fulfill the area nor the laboratory requirement, except for CHEM 498 which may satisfy the laboratory requirement. For prerequisite information, please see the [general catalog](#).

INORGANIC

COURSE	CREDITS
CHEM 261	3
CHEM 263	4
CHEM 264 (laboratory)	1
CHEM 311	3
CHEM 461	3
CHEM 462 (laboratory)	2

PHYSICAL

COURSE	CREDITS
CHEM 371	4
CHEM 372 (laboratory)	1
CHEM 473 or BC 411	4
CHEM 474	3
CHEM 475 (laboratory)	1
CHEM 476	3
CHEM 477 (laboratory)	1

BIOLOGICAL

COURSE	CREDITS
CHEM 320	3
CHEM 321 or BC 351 or BC 401 or BC 403	4
CHEM 322 (laboratory)	1