Comparison of Sample Plans Leading to Bachelor's degrees in CHEM BS, BCHM BS and CHEM BA programs (effective Fall 2026)

Semester	CHEM BS	BCHM BS	CHEM BA	
1	CHEM 146 (3) [a] CHEM 177 (2) MATH 140 (4) ENGL 101 (3) UNIV100 (1) Gen Ed (3)	CHEM 146 (3) [a] CHEM 177 (2) MATH 140 (4) ENGL 101 (3) UNIV100 (1) Gen Ed (3)	CHEM 131 (3) [a] CHEM 132 (1) MATH 135 (4) [b] ENGL 101 (3) UNIV100 (1) Gen Ed (3)	
2	CHEM 237 (4) BSCI 170 (3) MATH 141 (4) Gen Ed (3)	CHEM 237 (4) BSCI 170 (3) MATH 141 (4) Gen Ed (3)	CHEM 237 (4) MATH 136 (4) [b] BSCI 170 (3) Gen Ed (3)	
3	CHEM 247 (4) PHYS 161 (3) BSCI 180 (1) Gen Ed (6)	CHEM 247 (4) PHYS 161 (3) BSCI 180 (1) MATH 241 (4) Gen Ed (3)	CHEM 247 (4) PHYS 131 (4) [c] Gen Ed (6)	
4	CHEM 276 (2) CHEM 277 (3) PHYS 260 (3) PHYS 261 (1) MATH 241 (4) Gen Ed (3)	CHEM 276 (2) CHEM 277 (3) PHYS 260 (3) PHYS 261 (1) BSCI LL (4) Gen Ed (3)	CHEM 271 (2) CHEM 277 (3) [f] PHYS 132 (4) [c] Gen Ed (3) Elective (6)	
5	CHEM 481 (3) CHEM 483 (2) ENGL 39X (3) Gen Ed (3) Elective (3)	BCHM 461 (3) CHEM 481 (3) BSCI UL (3) Gen Ed (3) Elective (3)	CHEM 480 (3) BCHM 461 (3)[e] Gen Ed (3) Elective (6)	
6	CHEM 482 (3) CHEM 484 (2) CHEM 395 (1) Gen Ed (6) Elective (3)	BCHM 485 (3) CHEM 483 (2) CHEM 395 (1) ENGL 39X (3) Gen Ed (6)	CHEM[d] UL (3) CHEM 395 (1) ENGL 39X (3) Gen Ed (3) Elective (6)	
7	CHEM 425 (4) CHEM[d] UL (3) Gen Ed (6) Elective (3)	BCHM 462 (3) CHEM 425 (4) Gen Ed (6) Elective (3)	BCHM 477 (3) Gen Ed (6) Elective (6)	

8	CHEM 401 (3) CHEM[d] UL (3) Gen Ed (3) Elective (6)	BCHM 465 (3) BCHM 464 (3) Gen Ed (6) Elective (3)	CHEM 401 (3) Gen Ed (6) Elective (6)	
Major Credits	42 (24 UL)	43 (25 UL)	33 (16 UL)	
Supporting Credits	24	31	20	
Gen Ed Credits	39	39	39	
Electives	15	9	30	
Total	120	122	122	

Notes on Sample Programs:

(a) CHEM 146 can substitute for CHEM 131 and vice-versa.
(b) MATH 135 and 136 (8 cr) satisfy requirements for the BA track, but NOT the BS track.
(c) PHYS 131 and 132 (8 cr) satisfy requirements for the BA track, but NOT the BS track.
(d) Upper Level CHEM/BCHM elective. e.g., BCHM 461/463, CHEM 403/433/441/460/498. See the Chemistry and Biochemistry Undergraduate Office for a complete list.
(e) BCHM 463 can substitute for BCHM 461.
(f) 4 Credits of General Chemistry labs are required. Students who took CHEM 132 (1 cr) instead of CHEM 177 (2 cr) must take CHEM 277 (3 cr) instead of CHEM 272 (2 cr). Students who took CHEM177 (2 cr) instead of CHEM132 (1 cr) can take CHEM272 (2 cr).