

Core Elements	Cr Hrs	CC Course Number	Community College Course Name	4-Year Private	Cr Hrs	4-Year Course #	4-Year Course Name(s)	Articulation Issues/Questions/Advising
General Chemistry Sequence	8	CHM 165 + CHM 175	General Chemistry I & II	Luther College	8	CHEM 151 and CHEM 152	Chemical Principles I + Chemical Principles II	It is preferred that the lab completed with general chemistry be an in person laboratory at a community college. Online labs will leave students less prepared than their colleagues to continue in chemistry.
OR		CHM 166 + CHM 176 (10)	General Chemistry I & II					
OR		CHM 157 + CHM 158 + CHM 159 (10)	Principles of Chemistry I, II, & III					
OR		CHM 163 + CHM 164 + CHM173 + CHM 174 (8)	General Chemistry I + Lab & General Chemistry II + Lab					
OR		CHM160 + CHM 161 + CHM 170 + CHM171 (9)	Chemistry I + Lab & Chemistry II + Lab					
Calculus I	4	MAT 210	Calculus I	Luther College	4	Math 150	Calculus in Context	
OR		MAT 211 (5)	Calculus I					
Calculus II	4	MAT 216	Calculus II	Luther College	4	Math 152	Calculus II	
OR		MAT 217 (5)	Calculus II					
Gen. Organic Chem Sequence	6	CHM 260 + CHM 270 (6)	Organic Chemistry I & II	Luther College	8	CHEM 241 and CHEM 242	Organic Chemistry I and Organic Chemistry II	Students taking CHM 260 + CHM 270 will be required to complete the laboratory portion of organic chemistry by special arrangement.
OR		CHM 261 + CHM 271 (8)	Organic Chemistry I & II					
OR		CHM 262 + CHM 272 (9)	Organic Chemistry I & II					
OR		CHM 263 + CHM 273 (10)	Organic Chemistry I & II					
OR		CHM 251 + CHM 252 + CHM 253 (9)	Organic Chemistry I & II & III					
Remaining Math/Science	0	Varies	Varies	Luther College	0			

Remaining Communications	9	Varies	Varies	Luther College	0		
Remaining Humanities	6	Varies	Varies	Luther College	0		Please visit https://www.luther.edu/offices/registrar/transfer-to-luther for guidance on transferring general education requirements.
Remaining Social Sciences	6	Varies	Varies	Luther College	0		
Remaining Distributed	0	Varies	Varies	Luther College	0		
Remaining Electives	19	Varies	Varies	Luther College	0		
Total Community College credits:	60-64	Varies	Varies	4-Year credits: (Must be 60-64)	60-64		
Notes:	Luther College offers a chemistry major, a chemistry major with a biochemistry emphasis and an ACS-certified chemistry major. Students interested in any of the chemistry tracks are encouraged to take two semesters of physics with lab as part of their associates degree. This is required in all 3 tracks of the major. Students interested in the biochemistry emphasis are encouraged to take two semesters of general biology with lab as part of their associates degree. Genetics (biology) is also required for the biochemistry emphasis but this can be completed at Luther College as well. This course work can be incorporated into the degree at Luther College, but the more that is completed before coming the easier it will be to schedule the remaining needed classes.						