

Sample Four-Year Plan for Chemistry Major

First Year	
<u>Fall Semester:</u> CHEM 121 CHEM 131 ENGL 101 General Education Course (HIST) KW 101 MATH 103 or MATH 121	<u>Spring Semester:</u> CHEM 122 CHEM 132 CL 101 ENGL 102 EXSC 101 MATH 121 or MATH 222 (if MATH 121 taken in Fall)

Second Year	
<u>Fall Semester:</u> CHEM 321 CHEM 331 General Education Course (Humanities) MATH 102 or MATH 103 PHYS 204	<u>Spring Semester:</u> CHEM 322 CHEM 332 General Education Course (Humanities) General Education Course (Social Science) PHYS 205

Third Year	
<u>Fall Semester:</u> CHEM 324 CHEM 341 CHEM 431 Elective Elective	<u>Spring Semester:</u> Elective Elective Elective (BIO or CHEM) or ENSC 230 or FSCI 100 Elective (REL)

Fourth Year (choose one of the following emphases)

Biochemistry Emphasis

Advanced Biology (8 semester credit hours)
 Advanced Chemistry (4 semester credit hours)
 Electives (15 semester credit hours)
 Senior Seminar (1 semester credit hour)

Environmental Science

Advanced Chemistry (4 semester credit hours)
 Biology Elective (8 semester credit hours)
 Environmental Science (8-9 semester credit hours)
 Electives (6-12 semester credit hours)
 Senior Seminar (1 semester credit hour)

Forensic Science

Advanced Chemistry (4 semester credit hours)
 Criminal Justice (9 semester credit hours)
 Psychology (6 semester credit hours)
 Biology (8 semester credit hours)
 Senior Seminar (1 semester credit hour)

Professional Emphasis

Advanced Chemistry (8-11 semester credit hours)
 Electives (15-17 semester credit hours)
 Senior Seminar (1 semester credit hour)

*At least one course taken above must be multi-cultural or a separate multi-cultural course is required.

Sample Three-Year Plan for B.S. in Chemistry with Biochemistry Emphasis

First Year		
<u>Fall Semester:</u> BIO 215 BIO 225 CHEM 121 CHEM 131 ENGL 101 General Education Course KW 101	<u>Spring Semester:</u> BIO 216 BIO 226 CHEM 122 CHEM 132 ENGL 102 MATH 103	<u>Summer Semester:</u> General Education Course General Education Course General Education Course General Education Course

Second Year		
<u>Fall Semester:</u> BIO 303 CHEM 321 CHEM 324 CHEM 331 CHEM 341	<u>Spring Semester:</u> CHEM 322 CHEM 332 CHEM 431 Elective (upper-level BIO) MATH 104	<u>Summer Semester:</u> General Education Course General Education Course General Education Course

Third Year	
<u>Fall Semester:</u> CHEM 414 CHEM 431 General Education Course MATH 121 PHYS 141	<u>Spring Semester:</u> CHEM 336 CHEM 441 General Education Course General Education Course PHYS 142

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Sample Three-Year Plan for B.S. in Chemistry with Environmental Science Emphasis

First Year		
<u>Fall Semester:</u> BIO 215 BIO 225 CHEM 121 CHEM 131 ENGL 101 KW 101 MATH 104	<u>Spring Semester:</u> BIO 216 BIO 226 CHEM 122 CHEM 132 ENGL 102 ENSC 230	<u>Summer Semester:</u> General Education Course General Education Course

Second Year		
<u>Fall Semester:</u> CHEM 321 CHEM 324 CHEM 331 CHEM 340 General Education Course MATH 121	<u>Spring Semester:</u> BIO 311 CHEM 322 CHEM 332 CHEM 336 General Education Course	<u>Summer Semester:</u> PHYS 141 PHYS 142

Third Year	
<u>Fall Semester:</u> BIO 414 CHEM 141 CHEM 431 General Education Course General Education Course	<u>Spring Semester:</u> CHEM 441 Elective (BIO or MATH) Elective (upper-level CHEM) General Education Course

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Sample Three-Year Plan for B.S. in Chemistry with Forensic Science Emphasis

First Year		
<u>Fall Semester:</u> BIO 215 BIO 225 CHEM 121 CHEM 131 ENGL 101 KW 101 FSCI 100	<u>Spring Semester:</u> CHEM 122 CHEM 132 CJC 100 ENGL 102 General Education Course MATH 121	<u>Summer Semester:</u> General Education Course General Education Course General Education Course

Second Year		
<u>Fall Semester:</u> BIO 223 CHEM 321 CHEM 324 CHEM 331 CJC 210 General Education Course	<u>Spring Semester:</u> BIO 224 CHEM 322 CHEM 332 General Education Course General Education Course	<u>Summer Semester:</u> General Education Course General Education Course General Education Course General Education Course

Third Year	
<u>Fall Semester:</u> CHEM 341 CHEM 414 CHEM 431 CJC 350 General Education Course	<u>Spring Semester:</u> CHEM 336 Elective General Education Course General Education Course General Education Course

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Sample Three-Year Plan for B.S. in Chemistry with Professional Emphasis

First Year		
<u>Fall Semester:</u> BIO 215 and BIO 225 or General Education Course CHEM 121 CHEM 131 ENGL 101 KW 101 MATH 121	<u>Spring Semester:</u> BIO 216 and BIO 226 or General Education Course CHEM 122 CHEM 132 ENGL 102 General Education Course MATH 221	<u>Summer Semester:</u> General Education Course General Education Course General Education Course General Education Course

Second Year		
<u>Fall Semester:</u> CHEM 321 CHEM 324 CHEM 331 CHEM 341 PHYS 204	<u>Spring Semester:</u> CHEM 322 CHEM 332 CHEM 336 General Education Course PHYS 205	<u>Summer Semester:</u> General Education Course General Education Course General Education Course General Education Course

Third Year	
<u>Fall Semester:</u> CHEM 342 CHEM 414 CHEM 431 Elective (upper-level) Elective (upper-level) Elective (upper-level)	<u>Spring Semester:</u> CHEM 336 CHEM 343 Elective (upper-level) Elective (upper-level) Elective (upper-level)

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