

## Bachelor of Science in Chemistry (Concentration in Subdiscipline)

*A Suggested Sequence of Required Courses (2007-2008 Catalog)*

F r e s h m a n Y e a r			
Fall		Spring	
_____ 0	Chapel (CHA 1088)	_____ 0	Chapel (CHA 1088)
_____ 3	ENG 1302 or FAS 1302	_____ 3	REL 1350
_____ 3	REL 1310	_____ 3	MTH 1321
_____ 3	MTH 1304 (MTH 1321, <i>if eligible</i> )	_____ 3-4	Foreign Lang. 1402/2310 (see below/reverse)
_____ 3-4	Foreign Language 1401/12 (see below/reverse)	_____ 3	<b>CHE 1302</b>
_____ 3	<b>CHE 1301</b>	_____ 3	<b>CHE 1316</b>
Total: 15-16		Total: 15-16	
S o p h o m o r e Y e a r			
Fall		Spring	
_____ 3	ENG 2301	_____ 3	MTH 2321
_____ 3	MTH 1322	_____ 3	Foreign Language 2320 (see below/reverse)
_____ 3	Foreign Language 2310 (see below/reverse)	_____ 4	PHY 1430
_____ 4	PHY 1420	_____ 1	Human Performance
_____ 1	Human Performance	_____ 2	<b>CHE 3238</b>
_____ 3	<b>CHE 3331</b>	_____ 3	<b>CHE 3332</b>
Total: 17		Total: 16	
J u n i o r Y e a r			
Fall		Spring	
_____ 3	ENG 2304/2306 or GTX	_____ 3	History/Social Science ( see reverse)
_____ 3	PSC 2302	_____ 1	Human Performance
_____ 1	Human Performance	_____ 3	Elective*
_____ 3	Elective*	_____ 3	Elective*
_____ 3	<b>CHE 4321</b>	_____ 4	<b>CHE 4000-level</b> (see below)
_____ 1	<b>CHE 4127</b>	_____ 2	<b>CHE 4000-level</b> (see below)
Total: 14		Total: 16	
S e n i o r Y e a r			
Fall		Spring	
_____ 4	<b>CHE 4000-level</b> (see below)	_____ 2	<b>CHE 4000-level</b> (see below)
_____ 3-4	<b>CHE 4000-level</b> (see below)	_____ 1	<b>CHE 4152</b>
_____ 1	<b>CHE 4151</b>	_____ 0	<b>CHE 4001</b>
_____ 3	ENG 3300 (see below)	_____ 3	Elective*
_____ 3	History/Social Science (see reverse)	_____ 3	Elective*
_____ 3	Elective*	_____ 3	Elective*
		_____ 3	Elective (Variable depending on hours)
Total: 17-18		Total: 15	

*All students must graduate with a minimum of 124 hours,  
36 of which must be at the 3000/4000 level.*

### Notes about major requirements:

- Language: A modern foreign language shall be selected to meet the College requirements; Russian and German are recommended. See language options on reverse side - option A only.
- CHE, MTH, and PHY courses in the first two years must not be deferred, except that CHE 1316 may be delayed one semester.
- MTH 2321 must be completed by end of sophomore year.
- PHY 1430 must be complete by end of sophomore year.
- CHE 4321 must be taken in fall of junior year. Prerequisites are MTH 2321 and PHY 1430.
- 4000 level chemistry courses, except 4341, are taught only once per year, in the semesters indicated.
- CHE 4000-Level: Students must complete a minimum of 15 semester hours of "4000" level chemistry courses, including a minimum of 4 semester hours of laboratory (with the exception of CHE 4327). A maximum of 3 semester hours of CHE 4V98 may count toward this requirement.
- An exit examination, designated by the chemistry department, will be required of all chemistry majors. This examination will be chosen by the department from the GRE, ETS, or another similar examination.
- Curricula that meet the requirements for a B.S. degree plan can be tailored to individual student interests in the following areas: analytical, biochemistry, inorganic, organic, or physical chemistry. Undergraduate research in chemistry is strongly encouraged.
- This degree plan is not certified by the American Chemical Society.
- It is recommended that science majors take ENG 3300 their junior year rather than ENG 1304. Students may also take ENG 1118, 1128, and 1138 instead of ENG 1304.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.
- For more information, see page 76 of the undergraduate catalog.

\*Because of the number of electives, there is enough room for a minor with this major.

**Please see reverse side for important information on general requirements.**

**Notes about General Requirements:**

- Course selection is subject to availability within each semester.
- Please keep in mind that this is only a suggested sequence. Actual sequence will vary according to possible second major, minor, other program of study (including pre-health) and individual circumstances (ex., transfer credit, dual credit, and credit by exam).
- In order to complete your degree, you must fulfill all requirements in your major and general requirements for the Bachelor of Science.
- To complete a double major, you may not count any courses toward both majors.
- For more specific information on general requirements, see undergraduate catalog pages 62-65.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.

**History/Social Science (choose 2 courses from the following areas - 6 hours):**

- Anthropology, Economics, History, Honors, Philosophy, Political Science, Psychology, Sociology, Geog 1300, FAS 1303, 1304 or 1305, or 3 courses from FAS 1115, 1125, 1135.
- Check your major to determine if special courses are needed.

**Foreign Language:**

- **Option A:** One modern language through 2320 level:  
Arabic, Chinese, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Swahili, Thai
- **Option B:** One classical language through 2320 level or two classical through 1302 level:  
Latin, Greek, Hebrew (If available, Akkadian, Aramaic, Syriac, and/or Ugaritic may be used)  
\*Chemistry majors must take a modern foreign language; German or Russian are strongly recommended.

**Math & Science:** You must complete a minimum of 34 hours of math and science courses. See page 65 of the undergraduate catalog for a more detailed explanation.

**Fine Arts:** None required for this degree.