

The following courses are for the major requirements and are offered in no particular order. Please consult with your advisor for scheduling sequence. (**Courses offered in alternating years (S) – Spring Only (F) – Fall Only)

<u>COURSE</u>	<u>USP</u>	<u>CREDITS</u>	<u>PREREQUISITES</u>
<input type="checkbox"/> CHEM 1001 Chemistry Community <i>Recommended, not required</i>	I, L	1.0	None
<input type="checkbox"/> CHEM 1020 General Chemistry I or	SP	4.0	Math ACT 23, or Concur MATH 1400 Or 1405 or 1450
<input type="checkbox"/> CHEM 1050 Advanced General Chemistry (F)	SP	4.0	1 yr H.S. Chem & Math ACT 27 or Concur MATH 2200
<input type="checkbox"/> CHEM 1030 General Chemistry II or	SP	4.0	1020
<input type="checkbox"/> CHEM 1060 Advanced General Chemistry II (S)	SP	4.0	1020 (w/consent) or 1050
<input type="checkbox"/> CHEM 2230 Quantitative Analysis (S)		4.0	1030, 1060 or equiv
<input type="checkbox"/> CHEM 2420 Organic Chemistry I		4.0	1030 or 1060
<input type="checkbox"/> CHEM 2440 Organic Chemistry II (S)		4.0	1030 or 1060&2420
<input type="checkbox"/> CHEM 4110 Introductory Inorganic Chemistry (F)		3.0	2420
<input type="checkbox"/> CHEM 4507 Physical Chemistry I (F) or	SP	3.0	1 yr gen chemistry, MATH 2210, PHYS 1220/1320
<input type="checkbox"/> CHEM 3550 Physical Chem for the Life Sci (F**)	SP	3.0	CHEM1030, MATH2200
<input type="checkbox"/> MATH 2200 Calculus I	QB	4.0	C in 1405 or 1450 or Level 5 Math Placement or ACT Math 27 or SAT Math 600
<input type="checkbox"/> MATH 2205 Calculus II		4.0	C in 2200 or Advanced Placement in 2200
<input type="checkbox"/> PHYS 1110 General Physics I (F) or	SP	4.0	MATH 1450, 1405 or equivalent
<input type="checkbox"/> PHYS 1210 Engineering Physics I or	SP	4.0	C in MATH 2200 & Concur in MATH 2205
<input type="checkbox"/> PHYS 1310 College Physics I (F)	SP	4.0	MATH 2200 & Concur in MATH 2205
<input type="checkbox"/> PHYS 1120 General Physics II (S) or	SP	4.0	C in PHYS 1110
<input type="checkbox"/> PHYS 1220 Engineering Physics II or	SP	4.0	C in 1210, MATH 2200, 2205 & Concur in 2210
<input type="checkbox"/> PHYS 1320 College Physics II (S)	SP	4.0	1310, MATH 2200, 2205 & Concur in 2210

Upper Division Electives – 6 hrs

(Not CHEM 4920, and no more than 3 hrs in 4930 – at least 1 hr from lab work included in CHEM 4100, 4230, 4525, or 4530)

Course: _____

Course: _____

The following courses are for the major requirements and are offered in no particular order. Please consult with your advisor for scheduling sequence. (**Courses offered in alternating years (S) – Spring Only (F) – Fall Only)

<u>COURSE</u>	<u>USP</u>	<u>CREDITS</u>	<u>PREREQUISITES</u>
<input type="checkbox"/> CHEM 1001 Chemistry Community <i>Recommended, not required</i>	I, L	1.0	none
<input type="checkbox"/> CHEM 1020 General Chemistry I or	SP	4.0	Math ACT 23, or Concur MATH 1400 Or 1405 or 1450
<input type="checkbox"/> CHEM 1050 Advanced General Chemistry I (F)	SP	4.0	1 yr H.S. Chem & Math ACT 27 or Concur MATH 2200
<input type="checkbox"/> CHEM 1030 General Chemistry II or	SP	4.0	1020
<input type="checkbox"/> CHEM 1060 Advanced General Chemistry II (S)	SP	4.0	1020 (w/consent) or 1050
<input type="checkbox"/> CHEM 2230 Quantitative Analysis (S)		4.0	1030, 1060 or equiv
<input type="checkbox"/> CHEM 2420 Organic Chemistry I		4.0	1030 or 1060
<input type="checkbox"/> CHEM 2440 Organic Chemistry II (S)		4.0	1030 or 1060&2420
<input type="checkbox"/> CHEM 4000 Career Skills (F)		1.0	Concur 4110
<input type="checkbox"/> CHEM 4100 Inorganic Chemistry Laboratory		2.0	2440 and 4110 (or concur 4110)
<input type="checkbox"/> CHEM 4110 Introductory Inorganic Chemistry (F)		3.0	2420
<input type="checkbox"/> CHEM 4507 Physical Chemistry I (F)	SP	3.0	1 yr gen chemistry, MATH 2210, PHYS 1220/1320
<input type="checkbox"/> CHEM 4508 Physical Chemistry II (S)	SP	3.0	4507
<input type="checkbox"/> CHEM 4525 Physical Chemistry Laboratory I (F) or		1.0	4507 or Concur 4507
<input type="checkbox"/> CHEM 4530 Physical Chemistry Laboratory II (S)		1.0	4508 or Concur 4508
<input type="checkbox"/> CHEM 4930 Undergraduate Research		2.0 (max9)	Consent of Instructor
<input type="checkbox"/> MATH 2200 Calculus I	QB	4.0	C in 1405 or 1450 or Level 5 Math Placement or ACT Math 27 or SAT Math 600
<input type="checkbox"/> MATH 2205 Calculus II		4.0	C in 2200 or Advanced Placement in 2200
<input type="checkbox"/> MATH 2210 Calculus III		4.0	C in 2205 or Advanced Placement in 2205
<input type="checkbox"/> PHYS 1210 Engineering Physics I or	SP	4.0	C in MATH 2200 & Concur in MATH 2205
<input type="checkbox"/> PHYS 1310 College Physics I (F)	SP	4.0	MATH 2200 & Concur in MATH 2205
<input type="checkbox"/> PHYS 1220 Engineering Physics II or	SP	4.0	C in 1210, MATH 2200, 2205 & Concur in 2210
<input type="checkbox"/> PHYS 1320 College Physics II (S)	SP	4.0	1310, MATH 2200, 2205 & Concur in 2210

Upper Division Electives – 3 hrs

(Not 4920 or 4930)

Course: _____