

SUGGESTED FOUR-AND-A-HALF-YEAR PLAN OF STUDY^{1,2}
B.S. in Science with Teacher Certification (Chemistry Specialization)**FIRST YEAR**

<i>Fall Semester (16 SH)</i>			SH	<i>Spring Semester (16 SH)</i>			SH
CHM	1310G	General Chemistry I	3	CHM	1410	General Chemistry II	3
CHM	1315G	General Chemistry Laboratory I	1	CHM	1415	General Chemistry Laboratory II	1
ENG	1001G	Composition and Language	3	ENG	1002G	Composition and Literature	3
MAT	1441G	Calculus and Analytic Geometry I	5	MAT	2442	Calculus and Analytic Geometry II	5
PHY	1351G	General Physics I	3	PHY	1361	General Physics II	3
PHY	1352G	General Physics I Laboratory	1	PHY	1362	General Physics II Laboratory	1

SECOND YEAR

<i>Fall Semester (12- 16 SH)</i>			SH	<i>Spring Semester (13 - 17 SH)</i>			SH
CHM	2430	Survey of Organic Chemistry	3	* CHM	3300	Survey of Biochemistry	3
CHM	2435	Survey of Organic Chemistry Lab	1	BIO	1100	General Biology	4
CHM	2730	Quantitative Analysis	3	EDF	2555G	Diversity of Schools & Societies	3
SED	2000	Inquiry Into Teaching	2	Gen Ed FA/H or Cult Div			3
CMN	1310G	Intro to Speech Communication	3	Foreign Lang (if needed)			0-4
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THIRD YEAR

<i>Fall Semester (17 SH)</i>			SH	<i>Spring Semester (17-18 SH)</i>			SH
* CHM	3780 ³	Instrumental Analysis	3	* CHM	2310	Inorganic Chemistry I	3
	or SPE 3500 ⁴	Exceptional Learning Needs					
* CHM	3910	Chemical Thermodynamics & Kinetics	3	* CHM	3915 ³	Physical Chemistry Laboratory	2-3
BIO	1200G	General Botany	4		or SPE 3500 ⁴	Exceptional Learning Needs	
ESC	1300G	Introduction to Earth Sciences	4	BIO	1300G	Animal Diversity	4
PLS	1153G	Am. Govt & Constitution	3	EDF	4550 ³	Critical Focus on Education	4
or HIS	3600G	U.S. Constitution and Nation		ESC	1400G	Weather and Climate	4

FOURTH YEAR

<i>Fall Semester (18 SH)</i>			SH	<i>Spring Semester (16 SH)</i>			SH
CHM	3000	Chemistry Seminar I	0	CHM	3001	Chemistry Seminar II	1
CHM	3100	Practicum in Chemistry	1	EIU	40xxG	Senior Seminar	3
EDP	3331 ⁴	Lrn/Dev Sec Tch	3	ESC	2450G	Oceanography	3
PHY	1055G	Principles of Astronomy	3	PHS	3400	Teaching Methods	3
PHY	1056G	Principles of Astronomy Lab	1	SED	4330	Lit. Assessment.... Sec. Schools	3
SED	3330 ⁴	Instructional Tasks Sec School	4	Gen Ed FA/H or S/BS			3
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FIFTH YEAR

<i>Fall Semester (13 SH)</i>			SH
STG	4001	Student Teaching	12
STG	4000	Student Teaching	1

Minimum Hours Required for Graduation: 137¹ A grade of C or better is required in all courses used towards graduation regardless of where they are taken.² Must maintain a cumulative and major GPA of 2.65³ CHM 3780 **OR** CHM 3915.⁴ Requires Jr. Standing and University Approval to take Teacher Ed Courses

Must be taken concurrently

* Offered only during the term listed