

**SUGGESTED FOUR-AND-A-HALF-YEAR PLAN OF STUDY<sup>1,2</sup>**  
**B.S. in Science with Teacher Certification (Chemistry Specialization)**

**FIRST YEAR**

<i>Fall Semester (16 SH)</i>	SH	<i>Spring Semester (15-16 SH)</i>	SH
CHM 1310G/1390G General Chemistry I	3	CHM 1410 General Chemistry II	3
CHM 1315G/1395G General Chemistry Laboratory I	1	CHM 1415 General Chemistry Laboratory II	1
ENG 1001G Composition and Language	3	ENG 1002G Composition and Literature	3
* PHY 1151G or 1351G Principles/General Physics I	3	PHY 1161G or 1361G Principles/General Physics II	3
* PHY 1152G or 1352G Principles/General Physics I Laboratory	1	PHY 1162G or 1362G Principles/General Physics II Lab	1
MAT 1441G Calculus and Analytic Geometry I	5	MAT 2442 or 2250G Calculus II or Elementary Statistics	4-5

**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 1500 General Biology	4
CHM 2730 Quantitative Analysis	3	EDF 2555G Education in a Diverse Society	3
SED 2000 Inquiry Into Teaching	2	EDP 2330 <sup>3</sup> Educ. Psych. - Foundations for Teachers	3
CMN 1310G Intro to Speech Communication	3	Foreign Lang (if needed)	0-4
Foreign Lang (if needed)	0-4		

**THIRD YEAR**

<i>Fall Semester (17 SH)</i>	SH	<i>Spring Semester (15-16 SH)</i>	SH
* CHM 4830 <sup>3</sup> Instrumental Analysis	3	* CHM 3915 <sup>3</sup> Physical Chemistry Laboratory	2-3
or SPE 4500 <sup>4</sup> Exceptional Learning Needs	3	or SPE 4500 <sup>4</sup> Exceptional Learning Needs	2-3
* CHM 3910 Foundations of Physical Chemistry	3	* CHM 2310 Inorganic Chemistry I	3
BIO 1550G General Biology II	4	EDF 4550 <sup>4</sup> Critical Focus on Education	3
GEO 1300G Introduction to Earth Sciences	4	GEO 1400G Weather and Climate	4
* PHS 3400 Teaching Methods	3	Gen Ed FA/H or Cult Div	3

**FOURTH YEAR**

<i>Fall Semester (14 SH)</i>	SH	<i>Spring Semester (17 SH)</i>	SH
CHM 3000 Chemistry Seminar I	0	CHM 3001 Chemistry Seminar II	1
* CHM 3100 Practicum in Chemistry	1	EIU 4xxxG Senior Seminar	3
PHY 1055G Principles of Astronomy	3	GEO 2450G Oceanography	3
PHY 1056G Principles of Astronomy Lab	1	SED 4330 Lit. Assessment... Sec. Schools	3
PLS 1153G Am. Govt & Constitution	3	SED 4335 <sup>4</sup> Effective Teaching Environments	4
or HIS 3600G U.S. Constitution and Nation	3	Gen Ed FA/H or S/BS	3
Gen Ed FA/H or S/BS	3		
Gen Ed FA/H or S/BS	3		

**FIFTH YEAR**

<i>Fall Semester (13 SH)</i>	SH	<b>Minimum Hours Required for Graduation:</b>	<b>137</b>
STG 4000 Multicultural/Disabilities Practicum	1		
STG 4001 Student Teaching	12		

\* Offered only during the term listed

<sup>1</sup> A grade of C or better is required in all courses used towards graduation regardless of where they are taken.<sup>2</sup> Must maintain a cumulative and major GPA of 2.65<sup>3</sup> CHM 3915 or CHM 4830.<sup>4</sup> Requires Jr. Standing and University Approval to take Teacher Ed Courses