

Field Endorsement in Physical Sciences (BA or BS) 56 hours

(MAT 137 Applied Calculus must be taken as the Mathematics General Education requirement)

BIO:	110 Biology Concepts	4
	200 Zoology	4
CHE:	106 General Chemistry I	4
	107 General Chemistry II	4
	208 Intro Organic Chem or	
	314 Organic Chem I	4
	393 Laboratory Techniques	1
EAS:	110 Introduction to Meteorology	4
	120 Introduction to Geology	4
PHY:	201 General Physics I	3
	202 General Physics II	3
	321 Physics Laboratory I	1
	322 Physics Laboratory II	1
	393 Laboratory Techniques	1

CHE, EAS, PHY upper level electives to combine with the above to total at least 18 hours in one area, 15 hours in the second area and 12 hours in the third.

**Choose the remaining upper level electives from
BIO, CHE, EAS, NAT, PHY 3**

EDU 409 Science Content Area Methods and Materials is required. No additional endorsement is required for a Nebraska Teaching Certificate.

7-12 Secondary Professional Education Courses: 34-38 hours

EDU:	201 Intro to Professional Education	3
	211 Child & Adol Growth & Dev	3
	310 Read & Writ in the Mid/Sec Sch	1
	Or	
	ENG 444 Dev Rdg-middle/Sec Sch	2
	321 Ed Psych: Models & Theories Of Learning	3
	322 Secondary Education Practicum	1
	323 Content Area Practicum	1
	367 Human Relations	3
	400 Secondary Schools	2
	409 Content Area Meth & Mat	2-4
	(music majors refer to endorsement requirements)	
	410 Student Teaching & Seminar for the Secondary School	12
SPD:	151 Introduction to Special Education	3

General Education Courses (46 hours)

Graduation requirement minimum (125 hours)