

**Academic Program: B.S. in Chemistry and Education with Endorsement in
Secondary Education in Chemistry**

Semester 1

COURSE	TITLE	CREDITS
EN101	College English I	3
CE111/111L	Gen Chem I & Lab	4
PY103	Intro to Psychology	3
LC100	Freshman Seminar	1
MA125	Calc W/ Anal Geom	4
	TOTAL	15

Semester 2

COURSE	TITLE	CREDITS
EN102	College English II	3
MA126	Calc w/ Anal Geom 2	4
CE112/112L	Gen Chem II & Lab	4
ED201	Educational Psychology	3
IT102	Info. Tech for Scientists	3
WP001	Writing Proficiency Exam	0
	TOTAL	17

Semester 3

COURSE	TITLE	CREDITS
ED250	Found Tchg & Learning	3
CE241	Organic Chem I	3
CE241L	Organic Chem I Lab	2
PH211	Gen Phys w/ Calc I	4
PH211L	Gen Phys w/ Cal Lab	1
CE221	Quantitative Analysis	2
CE221L	Quantitative Anal Lab	2
	TOTAL	17

Semester 4

COURSE	TITLE	CREDITS
CE242	Organic Chem II	3
CE242L	Organic Chem II Lab	2
ED319	Content Literacy	3
ED319N	NCATE Assessment	0
ED204	Adolescent Psychology	3
PH212	Gen Phys w/ Calc 2	4
PH212L	Gen Phys w/ Calc 2 lab	1
	TOTAL	16

Semester 5

COURSE	TITLE	CREDITS
ED320	Teaching Children with Diverse Needs	3
ED319N	NCATE Assessment	0
HS101	Western Civ I	3
ED370 or ED376 (Term B)	Sec. Science Methods II or Sec. Teaching Methods II	3
CE372	Spec & Quant Chem	3
CE372L	Spec & Quant Chem Lab	1
ED369 or ED375 (Term A)	Sec. Science Methods I or Sec. Teaching Methods I	3
WT001*	Writing Intensive Course in Chemistry	0
WT001*	Writing Intensive Course in Education	0
	TOTAL	16

Semester 6

COURSE	TITLE	CREDITS
CE311	Chemical Lit	1
EN201	Literature 1	3
Elective	Liberal Arts, Math. Sci.	3
HS102	Western Civ 2	3
Elective		3
Aesthetics	AR/MU/TH/DA101	3
WT001*	Writing Intensive Course in Chemistry	0
WT001*	Writing Intensive Course in Education	0
	TOTAL	16

Semester 7

COURSE	TITLE	CREDITS
**	Social Science Requirement	3
CE410	Seminar (CE 242 & 372)	1
CE4XX	Elective (Except 499)	3
Elective	Liberal Arts, Math, Sci.	3
EN202	Literature II	3
**	Cross-Cult. Requirement	3
ED-PRAXIS	Education Praxis II	0
	TOTAL	16

Semester 8

COURSE	TITLE	CREDITS
PRxxx	Perspectives Course	3
ED416 or ED417	Student Teaching or Supervised Teaching	8
ED416s or ED417s	Seminar in Stud. Teach. Or Seminar in Supervised Tch.	1
CE322	Instrumental Analysis	3
	TOTAL	15

TOTAL CREDITS 128

*See WEBAdvisor "Sections Offered by Term" for complete listing of courses with type:

**Social Sciences: See curriculum chart for choices.

CC: Cross-Cultural
WT: Writing Intensive