

Revised Spring/04
TEACHER EDUCATION
Chemistry and Biology Options

Required ED Courses:

34 credits total

Course Name	Dept#/Lab	Sm	Cr				
Ed. Media/Tech.	ED 280	F/S	3	Cont. Area Lit.	RDG 435	F/S	4
Found. of Ed.	ED 202	F/S/SS	3	Cap. Seminar	ED 485	F/S	2
Frame. of Teach.	ED 301	F/S	3	Student Teaching	ED 488 or 489	F/S	12
Teach. Div. Learn.	ED 412	F/S	3				
Sec. Sci. Methods	ED 444	F	4				

Other Required Courses:

27 credits total

Course Name	Dept#/Lab	Sm	Cr				
Comp. I	Eng 101	F/S	3	Intr. to Human Dev.	Psych 151	F/S	3
Comp. II	Eng 102	F/S	3	Ed. Psychology	Psych 342		3
History Elective			3	Humanities Elect.			9
Social Sci. Elective			3				

Note: Gen. Ed. requirements for Science are fulfilled by the major requirements.

Required Courses for Chemistry Option:

61 credits total

Course Name	Dept#/Lab	Sm	Cr				
Calculus I	Math 126	F/S	5	Gen. Chem I	Chem 121/L	F/S	5
Calculus II	Math 224	F/S	5	Gen. Chem II	Chem 122/L	F/S	5
Earth Science	Geol 101/L	F/S	4	Intro. Org. Chem. or Org. Chem I	Chem 211/L or 301/L	S F/S	4 (5)
Gen. Phys. I	Phys 221/L	S	5	Surv. of Biochem.	Chem 311	F	3
Gen. Phys. II	Phys 222/L	F	5	Quant. Analysis	Chem 317/L	F	5
Princ. of Biology	Biol 100/L	F/S	4	Phys. Chem I	Chem 321	F	3
Env. Conservation	Biol 121/L	F/S/SS	4	Inst. Analysis or Inorg. Chem Seminar	Chem 419/L or Chem 221/L Chem 493	S F F/S	(5) 3 1

Note: Hours shown in parenthesis are for optional courses of higher credit hours.

Required Courses for Biology Option:

62 credits total

Course Name	Dept#/Lab	Sm	Cr				
Applied Calculus	Math 221	F/S	4	Coll. Bio. I	Biol 191/L	F/S	5
Earth Science	Geol 101/L	F/S	4	Coll. Bio. II	Biol 192/L	F/S	5
Prin. Phys. I	Phys 201/L	S	4	Intro. Micro. or Gen. Micro.	Biol 206/L Biol 301/L	F F/SS	4 (5)
Prin. Phys. II	Phys 202/L	F	4	Intro. Cell Bio.	Biol 212/L	F/S	3
Gen. Chem I	Chem 121/L	F/S	5	Human A & P I or Vert. Phys.	Biol 223 Biol 341	F F	4 (4)
Gen. Chem II	Chem 122/L	F/S	5	Genetics	Biol 350	F/S	2
Intro. Org. Chem. or Org. Chem I	Chem 211/L or 301/L	S F/S	4 (5)	Adv. Genetics	Biol 351	F/S	2
				Evol. Bio. & Ecol.	Biol 352	S	3
				Bio. Elec. (upper Field)		F/S	3
				Seminar	Bio 493	F/S	1

Note: Hours shown in parenthesis are for optional courses of higher credit hours.