

ARIZONA STATE UNIVERSITY — COLLEGE OF EDUCATION  
 B.A. ED.—SECONDARY ED.—CHEMISTRY- CATALOG: 2001-2002

Name \_\_\_\_\_, I. D. No. \_\_\_\_\_ Advisor: \_\_\_\_\_

Expected date of grad. \_\_\_\_\_

Sem. hrs. completed \_\_\_\_\_ (120 hrs. req. for graduation) 45 hrs. min. upper div. req. including 21 hrs of the Major. Cum Index req. for graduation 2.00. Current index \_\_\_\_\_. Option 1—Major req. 46 hrs. as specified by Chem. Dept. in Catalog consisting of req. chem. courses and required related subjects in Science and Math. Option 2—Consists of 31 hrs. of req. chem. courses and completion of a second major of 30 hrs. in either Mathematics or Physics, as specified by the dept. selected.

CHEMISTRY COURSE REQUIRED						RELATED COURSE REQUIRED:					
Course Prefix and No.	Course Title	Sem Hrs	Gr	Tr	U D	Course Prefix and No.	Course Title	Sem Hrs	Gr	Tr	U D
CHM 113	Gen. Chem.	4									
CHM 115	Gen. Chem.	5									
CHM 325	Anal. Chem.	3									
CHM 326	Anal. Lab.	1									
CHM 331	Gen. Org. Chem.	3									
CHM 332	Gen. Org. Chem.	3									
CHM 335	Org. Chem. Lab.	1									
CHM 336	Org. Chem. Lab	1									
BCH 361	Elem. Biochem.	3									
CHM 341	Elem. Phys. Chem.	3									
CHM 480	Meth. Teach Chem.	3									

Sci. & Math. Req. Courses or Equiv. \*\*16 hr.

MA 270	Calc. I	4			
T					
MA 271	Calc. II	4			
T					
PHY 111,113	Gen. Phy. & Lab	3,1			
PHY 112,114	Gen. Phys. & Lab	3,1			