

CHEMISTRY (BA) AND SECONDARY EDUCATION

A suggest sequence of classes for those seeking to earn a double major in Chemistry and Secondary Education

Course	Title	Hours
Freshman Year		
First Semester		
ENGL-1010	English Composition	3
PSYC-1000	General Psychology	3
EDUC-2200	Introduction to Education	2
EDUC-2201	Intro Educational Research & Field Exper	1
CHEM-1200	General Chemistry I Lecture	3
CHEM-1201	General Chemistry I Lab	1
MATH-1300	Calculus I	4
Hours		17
Second Semester		
EDUC-2222	Intro to K-12 Special Education	3
HIST-1100 or HIST-1101	World Civilization to 1500 or World Civilization Since 1500	3
CHEM-1210	General Chemistry II Lecture	3
CHEM-1211	General Chemistry II Lab	1
MATH-1350	Calculus II	4
THEO-1100	Introduction to Theology	3
EXSC-1115	Wellness for Life	1
Hours		18
Sophomore Year		
First Semester		
EDUC-2220	Psychoeducational Development	3
EDUC-3312	School As Community	3
EDUC-3313	School As Community Rsch & Field Exper	1
CHEM-2200	Organic Chemistry I Lecture	3
CHEM-2201	Organic Chemistry I Lab	1
PHYS-2100	Classical Physics I	3
PHYS-2101	Classical Physics I Lab	1
Faith Foundation		3
Hours		18
Second Semester		
EDUC-3332	Teaching Reading in the Content Areas	2
EDUC-3332F	Field Experi Reading in the Content Area	NULL
CHEM-2210	Organic Chemistry II Lecture	3
CHEM-2211	Organic Chem II Lab	1
PHYS-2110	Classical Physics II	3
PHYS-2111	Classical Physics II Lab	1
PHIL-2100	Principles of Nature	3
Faith Foundation		3
Historical Foundation		3
Hours		19
Junior Year		
First Semester		
CHEM-3300	Quantitative Analysis	3

CHEM-3301	Quantitative Analysis Lab	1
CHEM-3500	Biochemistry I	3
CHEM-3501	Biochemistry I Lab	1
CHEM-4900	Chemistry & Biochem Colloquium	1
Foreign Language		4
Aesthetic Foundation		3
EXSC Fitness Course		1
Hours		17
Second Semester		
EDUC-3357	General Secondary Methods & Media	3
EDUC-3358	General Secondary Meth & Pract FldyGeneral Secondary Meth & Media Practicum	1
CHEM-3311	Instrumental Analysis Lab	1
CHEM-3400	Inorganic Chemistry	3
CHEM-3401	Inorganic Chemistry Lab	1
CHEM-3800	Physical Chemistry I	3
CHEM-3801	Physical Chemistry I Lab	1
CHEM-4901	Chem & Biochem Colloquium 2	1
Foreign Language 2		4
Hours		18
Senior Year		
First Semester		
EDUC-4451	Philosophy of Education	3
Aesthetic Foundation		3
Advanced Chemistry Elective		3
Philosophical Inquiry Foundation		3
CHEM-4457	Methods of Teaching Secondary Science	2
CHEM-4903	Chem & Biochem Colloquium 4	1
CHEM-COMP	Senior Comprehensive Exam	NULL
Hours		15
Second Semester		
EDUC-4470	Student Teaching Seminar	2
EDUC-4496	Supervised Student Teach Secondar School	10
EDUC-4462	Classroom Management	2
EDUC-4455	Differentiated Instruction	2
EDUC-COMP	Senior Comprehensive Exam	NULL
Hours		16
Total Hours		138