

**Chemistry, BS
w/ Professional Education Minor
2017-2018**

First Year Fall Semester	SCH	First Year Spring Semester	SCH
APSU 1000-Transition to the University	1	BIOL 1110/1111-General Biology I w/lab	4
CHEM 1110/111-General Chemistry I w/lab	4	CHEM 1120/1121-General Chemistry II w/lab	4
ENGL 1010-English Composition I	3	ENGL 1020-English Composition II	3
MATH 1730-Pre-Calculus	4	MATH 1910-Calculus & Analytic Geometry	4
Humanities and/or Fine Arts Core	3		
TOTAL SCH	15	TOTAL SCH	15
Second Year Fall Semester	SCH	Second Year Spring Semester	SCH
CHEM 3500/3501-Brief Organic Chemistry w/lab OR CHEM 3510-3511-Organic Chemistry I w/lab	4	CHEM 4300/4301-Brief Biochemistry w/lab OR CHEM 4310/4311-Biochemistry I w/lab	4
**EDUC 2100-Foundations of Education	2	COMM 2045-Public Speaking	3
ENGL 2330-Topics in World Literature	3	PHYS 2020/2021-College Physics w/lab	4
PHYS 2010/2011-College Physics w/lab	4	History Core	3
Social and Behavioral Sciences Core	3	EDUC 3040-Instructional Technology	3
TOTAL SCH	16	TOTAL SCH	17
Third Year Fall Semester	SCH	Third Year Spring Semester	SCH
CHEM 3210/3211-Quantitative Analysis w/lab	4	CHEM 3440/3441-Inorganic Chemistry w/lab	4
CHEM 3610/3611-Physical Chemistry w/lab	4	GEOL 1040/1041-Physical Geology w/lab	4
**EDUC 3070-Instructional Strategies	3	GEOL 1050/1051-Historical Geology w/lab	4
EDUC 4270-Classroom Evaluation & Assessment	3	History Core	3
Social and Behavioral Sciences Core	3	Humanities and/or Fine Arts Core	3
TOTAL SCH	17	TOTAL SCH	18
**Fourth Year Fall Semester Residency I	SCH	**Fourth Year Spring Semester Residency II	SCH
BIOL 4400-Teaching Science in High School	3	EDUC 4610-Student Teaching Grades 7-8	5
**EDUC 4080-Classroom Organization & Management	3	EDUC 4710-Student Teaching Grades 9-12	5
EDUC 4160-Teaching Diverse Students	3	EDUC 4950-Teaching Seminar	2
EDUC 4440-Theories of Learning	3		
SPED 3000-Introduction to Special Education	3		
TOTAL SCH	15	TOTAL SCH	12
Total Student Credit Hours for Degree			125

†For this degree a student must complete a total of 39 upper division (3000-4999) credit hours.

**Field experience.

03/26/2018