

Physical Science Composite Teaching -Secondary Education Licensure, BS

Graduation Plan

1st Year

Fall Semester		Hours
CHEM 1210 & CHEM 1215	Principles of Chemistry I (PS) and Principles of Chemistry I Lab (LAB)	5
ENGL 1010	Introduction to Writing (EN)	3
MATH 1210	Calculus I (MA)	4
EDUC 1010	Foundations/Intro to Education	3
Hours		15

Spring Semester

SCI 2600	Lab Safety for Teachers	1
CHEM 1220 & CHEM 1225	Principles of Chemistry II and Principles of Chemistry II Lab	5
ENGL 2010	Intern Writing Selected Topics: (EN)	3
MATH 1220	Calculus II (MA)	4
General Education (catalog.dixie.edu/programs/generaleducation/#gerequirementstext) ¹		3
Hours		16

2nd Year

Fall Semester		Hours
BIOL 1610 & BIOL 1615	Principles of Biology I (LS) and Principles of Biology I Lab (LAB)	5
GEO 1110 & GEO 1115	Physical Geology (PS) and Physical Geology Lab (LAB)	4
PHYS 1040 & PHYS 1045	Elementary Astronomy (PS) and Elementary Astronomy Lab (LAB)	4
PHYS 2210 & PHYS 2215	Physics/Scientists Engineers I (PS) and Physics/Scientists Engineers I Lab (LAB)	5
Hours		18

Spring Semester

GEO 1220 & GEO 1225	Historical Geology and Historical Geology Lab	4
PHYS 2220 & PHYS 2225	Physics/Scientists EngineersII and Physics/Scientists Engineers II Lab	5
HIST 1700 or POLS 1100	American History (AI) or American Government (AI)	3
FSHD 1500 or PSY 1010 or PSY 1100	Human Development Lifespan (SS, GC) or General Psychology (SS, GC) or Human Development Through Lifespan (SS, GC)	3
Hours		15

3rd Year

Fall Semester		Hours
CHEM 3000	Quantitative Chemical Analysis	3
PHYS 3400 or CHEM 3510	Classical Mechanics or Biochemistry I	3
EDUC 2010	Intro to Exceptional Learners	3
EDUC 2500	Instructional Technology in K-12 Classrooms	3
General Education (catalog.dixie.edu/programs/generaleducation/#gerequirementstext)		3
Hours		15

Spring Semester

PHYS 3710	Intermediate Modern Physics	3
GEO 3060	Environmental Geology	3
EDUC 2400	Foundations Multicultural/ESL (SS, GC, ALCI) (GLOCUP)	3
EDUC 3110	Educational Psychology	3
SCI 4800R	Independent Research	1

Hours	13
--------------	-----------

4th Year**Fall Semester**

SCI 4700	Secondary Science Teaching Methods	3
SCED 3720	Reading Writing Content Areas (ALPP)	2
SCED 4100	Curriculum and Instruction	3
SCED 4200	Secondary Assessment	2
SCED 4600	Classroom Management (ALPP)	3
SCED 4300	Practicum Seminar	3

Hours	16
--------------	-----------

Spring Semester

SCED 4900	Secondary Student Teaching	10
SCED 4989	Student Teaching Capstone	3

Hours	13
--------------	-----------

Total Hours	121
--------------------	------------