

**Science Education major (Physical Sciences) - 4-year plan**

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Note: there is much flexibility available - see your advisor to make your personal plan

Freshman	
Fall	Spring
CHEM 163: General Chemistry I (4) MATH 131: Calculus I (4)	PHYS 121: General Physics I (4) CHEM 164: General Chemistry II (4)
ENGL 101: Written Communications II (3*) PSYC 182: General Psychology (3*) THEO 110: Exploring the Christian Faith (3*)	MATH 132: Calculus II (4) EDUC 102: Foundations of Education (2) ENGL 102: Written Communications III (3*)
= 17 hrs	= 17 hrs

Sophomore	
Fall	Spring
PHYS 122: General Physics II (4) CHEM 261: Organic Chem. I (4) [or PHYS 222]	BIOL 125 General Biology I (4) [or CHEM280] EDUC 205: Educational Pedagogy I (3)
EDUC 204: Diversity in the Classroom (2) PSYC 285: Adolescent Growth & Developmt (2) PHIL 150: Logic & Critical Thinking (2) GenEd (3*)	PHYS 301: Quantum Phys (4) [or CH/PH elect] GenEd (3*) GenEd (3*)
= 17 hrs	= 17 hrs

Two May terms will be needed to get two additional GenEd courses (6 hrs)

Junior	
Fall	Spring
PHYS 222: Gen. Physics III (4) [or CHEM 261] NS 110: Environmental Science (4) EDUC 305: Educational Pedagogy II (3)	CHEM 280: Analytical Chem (4) [ or BIOL 125 ] CHEM/PHYS 2++ elective (4) [or PHYS 301] NS 251: Astronomy (4) EDUC 308: Teaching Exceptional Learners (2)
GenEd (3*) GenEd (3*)	GenEd (3*)
= 17 hrs	= 17 hrs

Senior	
Fall	Spring
MATH 111: Basic Probability & Statistics (3) SCED 443: Specific Methods in Science (2) SCED 448: Content Literacy (3) KINE 252: Physical Fitness + Activity (2) PHIL 452: Senior Experience (1) GenEd (3*) GenEd (3*)	EDUC 455: Student Teaching (8) EDUC 441: Professional Educ. Seminar (0-2)  * Student Teaching semester *
= 17 hrs	= 8-10 hrs

\* note that there are 14 GenEd courses of 3 credits - all are asterisked plus Logic (2), Fitness/Activity (1+1), and Senior Experience (1) (the required courses are listed on the other side - in roughly the recommended order)

\*\*17 hrs is the maximum per semester - necessary to graduate in four years