

## Secondary Education (BSED) (Physics)

The following course sequence sheet is for illustrative purposes only and should not be construed as formal academic advisement. Course selections and sequence may vary depending on course availability and counsel from your academic adviser. You should consult an academic adviser before developing an actual academic plan.

<b>Cr.</b>	<b>First Semester</b>	<b>Cr.</b>	<b>Second Semester</b>
4	PHYSICS.211 General Physics I	4	PHYSICS.212 General Physics II
3	CHEM.125 Calculus I or MATH.113 Pre-Calculus (if required based on testing)	3	CHEM.126 Calculus II or MATH.125 Calculus I (if MATH.113 was required)
3	ENGLISH.101 Foundations of College Writing or PSYCH.101 General Psychology	3	PSYCH.101 General Psychology or ENGLISH.101 Foundations of College Writing
3	EDFOUND.204 Ed. Computing (or EDFOUND.350 or 351) or SPECED.101 Introduction to Indiv. w/Exceptional	3	SPECED.101 Introduction to Indiv. w/Exceptional or EDFOUND.204 Ed. Computing (or EDFOUND.350 or 351)
2	EDFOUND.206 Teachers, Schools and Society	3	SOC.211 Prin. Sociology/ ANTHRO.200 Cultural Anthro.
(1)	INTSTUDY.100 Optional University Seminar		
15	Total Semester Credits	16	Total Semester Credits
<b>Cr.</b>	<b>Third Semester</b>	<b>Cr.</b>	<b>Fourth Semester</b>
4	CHEM.115 Chemistry for Sciences I	4	CHEM.116 Chemistry for Science II
3	MATH.225 Calculus III or MATH.126 Calculus II (if MATH.113 was required)	3	MATH.322 Differential Calculus or MATH.225 Calculus III (if MATH.113 was required)
3	PHYSICS.302 Mechanics: Dynamics	3	COMPSCI.116 Algorithmic Processes
3	EDFOUND.251 Psychological Foundations of Education	3	EDFOUND.291 Principles of Teaching
3	Writing Intensive Lit. Course or ENGLISH.201 Comp 2	3	General Education Course
16	Total Semester Credits	16	Total Semester Credits
<b>Cr.</b>	<b>Fifth Semester</b>	<b>Cr.</b>	<b>Sixth Semester</b>
3	PHYSICS.314 Electricity & Magnetism	4	PHYSICS.315 Electronics
3	PHYSICS.310 Modern Atomic Physics	4	PHYSICS.318 Optics
3	EDFOUND.393 Social Found. Ed. Or EDFOUND.406 Multicultural Ed.	3	EDFOUND.311 Classroom Measures & Assessment
3	PSYCH.212 Adolescence	3	COMMSTUD.103 Public Speaking or COMMSTUD.104 Interpersonal.
3	GEOG.105 Environmental Issues & Choices or MATH.322 if MATH.113 was required	1	General Education Course
1	General Education Course	(3)	GEOG.105 (if MATH.113 was required)
16	Total Semester Credits	15	Total Semester Credits

<b>Cr.</b>	<b>Seventh Semester</b>
4	Physics Elective (300 or above)
3	SECED.453 Teaching Science
2	PHYSICS.400 Advanced Physics Lab
3	General Education Course
3	General Education Course
15	Total Semester Credits

<b>Cr.</b>	<b>Eighth Semester</b>
6	EDFOUND.497 Teaching in Education: First Experience
6	EDFOUND.498 Teaching in Education: Second Experience
12	Total Semester Credits

**TOTAL CREDITS: 121**

**IMPORTANT NOTES:**

Students who need MATH.113 Pre-Calculus will take more than 121 credits.

To complete program within 121 credits, students must count one Communications, Quantitative or Values course towards Gen Ed Group A, B, or C. As an example, this program counts COMMSTUD.103 for Communications and Group A.