

# Physics Teaching, B.A.

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This is a sample plan of study with a suggested sequencing of classes for the major. University electives may be applied to earn additional academic majors, minors, or certificates. Students should regularly meet with their academic advisor to plan their specific semester schedule to include UNIFI/General Education program and/or university elective hours required.

Course	Title	Hour
<b>Freshman</b>		
<b>Fall</b>		
MATH 1420	Calculus I (satisfies UNIFI: Quantitative Reasoning)	4
PHYSICS 1701	Physics I for Science and Engineering (satisfies UNIFI: Scientific Reasoning)	4
PHYSICS 1100	First-Year Projects in Physics	1
UNIFI: Written Communication		3
UNIFI: Human Condition (Global)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 1421	Calculus II	4
PHYSICS 1702	Physics II for Science and Engineering	4
UNIFI: Oral Communication		3
University Electives		6
<b>Hours</b>		<b>17</b>
<b>Sophomore</b>		
<b>Fall</b>		
TEACHING 2017	Level 1 Field Experience: Exploring Teaching	1
EDPSYCH 2030	Dynamics of Human Development (satisfies UNIFI: Human Condition (Domestic))	3
PHYSICS 2300	Physics III: Theory and Simulation	3
UNIFI: Responsibility		3
University Electives		7
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
TEACHING 3128	Level 2 Field Experience: Lesson Planning and Instruction	1
TEACHING 3129	Secondary and Special-Area Classroom Management	1
EDPSYCH 3148	Learning and Motivation in Classroom Contexts	3
MEASRES 3150	Classroom Assessment	2
PHYSICS 4100/5100	Modern Physics	4
PHYSICS 4110/5110	Modern Physics Laboratory	2
UNIFI: Human Expression		3
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
SOCFOUND 3119	Schools and American Society	3
SPED 3150	Meeting the Needs of Diverse Learners in Classrooms	2

TEACHING 4170/5170	Human Relations: Awareness and Application	3
UNIFI: Connect		3
Physics Elective		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
PHYSICS 4080/5080	Resources for Teaching Physics	2
SCI ED 3300/5300	Orientation to Science Teaching	4
UNIFI: Connect		3
Physics Elective		3
University Electives		4
<b>Hours</b>		<b>16</b>
<b>Senior</b>		
<b>Fall</b>		
SCI ED 4800/5800	Methods for Teaching Secondary Science or MTSS	3
UNIFI: Connect		6
Natural Science or Math Elective		4
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
TEACHING 3138	Secondary School Teaching	12
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>120</b>