



# NYU

# STEINHARDT

Department of Teaching & Learning  
 SPHY – Teaching Physics 7-12, (B.S.)  
 Program of Study  
 2014-2015

<b>Total Points Required</b>	<b>128</b>
------------------------------	------------

<b>Liberal Arts Requirements</b>		<b>44</b>
<hr/>		
<b>College Core Curriculum (CORE)</b>		<b>28</b>
<hr/>		
<b>Foreign Language</b>		<b>4</b>
<hr/>		
<b>Expository Writing</b>		<b>8</b>
EXPOS-UA.100	Writing the Essay	4
ACE-UE.110	The Advanced College Essay	4
<hr/>		
<b>Foundations of Contemporary Culture</b>		<b>12</b>
CORE-UA.xxx/ST-CORE-UE*	Texts and Ideas	4
CORE-UA.xxx/ST-CORE-UE*	Cultures and Contexts	4
CORE-UA.xxx/ST-CORE-UE*	Societies & the Social Sciences**	4
<hr/>		
<b>Quantitative Reasoning</b>		<b>4</b>
MATH-UA.121	Calculus I	4
<hr/>		
<b>Liberal Arts Elective **</b>		<b>16</b>

\*\* Selected by Advisement

\*Steinhardt <http://steinhardt.nyu.edu/advisement/LAC>  
 Liberal Arts Core

last updated May 5, 2014

<b>Specialization Requirements</b>		<b>84</b>
<hr/>		
<b>Core Content</b>		<b>49</b>
MATH-UA.122	Calculus II	4
MATH-UA.123	Calculus III	4
PHYS-UA.91/93	Physics I & II	6
PHYS-UA.71	Introductory Experimental Physics I	2
PHYS-UA.72	Introductory Experimental Physics II	2
PHYS-UA.95	Physics III	3
PHYS-UA.73	Intermediate Experimental Physics I	2
PHYS-UA.105	Classical and Quantum Waves	3
PHYS-UA.106	Mathematical Physics	3
PHYS-UA.74	Intermediate Experimental Physics II	2
PHYS-UA.112	Advanced Experimental Physics	3
PHYS-UA.123	Quantum Mechanics	3
PHYS-UA.140	Thermal and Statistical Physics	3
PHYS-UA.xxxx	Three Physics Courses*	9
<hr/>		
<b>PEDAGOGICAL CORE</b>		<b>35</b>
<hr/>		
<b>Common Pedagogical Core</b>		<b>21</b>
SOED-UE.1015	Education as a Social Institution	3
TCHL-UE.1	Inquiries into Teaching and Learning I	4
TCHL-UE.5	Field Observations in Schools and Other Educational Settings	0
TCHL-UE.1030	Language Acquisition and Literacy Education in a Multilingual and Multicultural Context	4
TCHL-UE.1999	Drug and Alcohol Education/Child Abuse Identification/School Violence; Prevention/DASA: Social Responsibilities of Teachers	1
APSY-UE.20	Human Development I	2
APSY-UE.23	Human Development II: Early Adolescents and Adolescents	2
SPCED-UE.1005	Teaching Students with Disabilities in General Education Classrooms	4
EDCT-GE.2018	Integrating Media and Technology into the K-12 Curriculum	1
<hr/>		
<b>Specialized Pedagogical Core</b>		<b>12</b>
SCIED-UE.1039	Methods I: Teaching of Science in Middle School and High School	3
SCIED-UE.1040	Teaching Science in Middle & High Schools II: Methods and Curriculum	3
SCIED-UE.1911	Student Teaching in Science Education: Middle School	3
SCIED-UE.1922	Student Teaching in Science Education: High School	3
<hr/>		
<b>Unrestricted Electives</b>		<b>2</b>
<hr/>		
<b>Additional Requirements</b>		<b>0</b>
SAHS-UE.1	New Student Seminar	
	Writing Proficiency Examination	