

**CALIFORNIA UNIVERSITY
OF PENNSYLVANIA**

Program: Master of Education - Integrative STEM Education K-12

Start: Summer (June) Start

Total Credits: 30

Year 1

	Credits
Summer	
EDE 701 Standards Aligned Curriculum, Assessment, and Instruction	3
* EDE 750 Foundations of Integrative STEM Education K-12	3
	6
Fall	
EDE 751 Building Scientific Literacy and Understanding Through Inquiry	3
EDE 753 Integrative STEM Pedagogy and Instructional Design	3
	6
Spring	
EDE 752 Mathematics as Problem Solving	3
EDE 754 Creating Innovative Measures of Learning for Integrative STEM Learning Communities	3
	6
Total Credits (Year 1)	18

Year 2

Summer	
RES 800 Methods of Research	3
TED 775 Integrating Technology in Elementary/Middle School STEM Curriculum	3
	6
Fall	
EDE 755 STEM Teachers as Leaders	3
EDE 769 Integrative Project in STEM Education	3
	6
Total Credits (Year 2)	12
Total Credits	30

***Note! EDE 750 must be taken during the student's first semester.**

Updated March 28, 2019