

Department of Teaching & Learning
SESC – Teaching Earth Science 7-12, (B.S.)
Program of Study
2020-2021

Total Units Required			128			
Liberal Arts Requirements			28	Specialization Requirements		100
College Core Curriculum (CORE)			28	Core Content		50
Foreign Language			4	Course Number	Course Title	Units
Expository Writing			8	BIOL-UA 11/12	Principles of Biology I & II †	8
Course Number	Course Title	Units	BIOL-UA 63	Fundamentals of Ecology †		4
EXPOS-UA 1	Writing the Essay	4	CHEM-UA 125	General Chemistry I & Laboratory		5
ACE-UE 110	The Advanced College Essay	4	CHEM-UA 126	General Chemistry II & Laboratory		5
			ENVST-UA 100	Environmental Systems Science (core requirement offered every Fall) †		4
Foundations of Contemporary Culture		12	PHYS-UA 7	The Universe: Its Nature and History		4
Course Number	Course Title	Units	ENVST-UA 340	Earth System Science (Fall)		4
CORE-UA xxx/ST-	Texts and Ideas CORE-UE*	4	ENVST-UA 3xx OR PHYS-UA xxx By Advisement			16
CORE-UA xxx/ST-	Cultures and Contexts CORE-UE*	4				
CORE-UA xxx/ST-	Societies & the Social Sciences** CORE-UE*	4	PEDAGOGICAL CORE			34
			Common Pedagogical Core			22
Quantitative Reasoning			4	Course Number	Course Title	Units
Course Number	Course Title	Units	SOED-UE 1015 or	Education as a Social Institution or		4
MATH-UA 121	Calculus I	4	HSED-UE 610	Education and The American Dream: Historical Perspectives		
			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
*Steinhardt Liberal Arts Core			APSY-UE 20	Human Development I		2
** Selected by Advisement			APSY-UE 23	Human Development II: Early Adolescents and Adolescents		2
† These will count as Liberal Arts Courses			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
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			Course Number	Course Title	Units	
			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	
			Unrestricted Electives			16
			Additional Requirements			0
			Course Number	Course Title	Units	
			SAHS-UE 1	New Student Seminar		
			Writing Proficiency Examination			

[*Steinhardt Liberal Arts Core](#)

** Selected by Advisement

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