

Department of Teaching and Learning
UESBIOBS – Teaching Biology 7-12, (B.S.)
Program of Study
2022-2023

Total Units Required: 128												
Liberal Arts Requirements			28		Specialization Requirements		100					
College Core Curriculum (CORE)			28		Content Core		52					
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 21/22		Molecular & Cell Biology I & II †		8	
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	
Foundations of Contemporary Culture			12		CHEM-UA 225		Organic Chemistry I & Laboratory		5			
Course Number			Course Title		Units		PHYS-UA 11		General Physics I		5	
CORE-UA xxx/ST-CORE-UE*			Texts and Ideas		4		BIOL-UA xxxx		Four Biology Electives by Advisement**		16	
CORE-UA xxx/ST-CORE-UE*			Cultures and Contexts		4		Pedagogical Core				33	
CORE-UA xxx/ST-CORE-UE*			Societies & the Social Sciences**		4		Common Pedagogical Core				21	
Quantitative Reasoning			4		Course Number		Course Title		Units			
Course Number			Course Title		Units		SOED-UE 1015 OR HSED-UE 610 OR TCHL-UE 41		Education as a Social Institution OR Education and the American Dream: Historical Perspectives OR American Dilemmas: Race, Inequality, and the Unfulfilled Promise of Public Education		4	
MATH-UA 121			Calculus I		4		TCHL-UE 1		Inquiries into Teaching and Learning I		4	
Additional Requirements			0		TCHL-UE 5		Field Observations in Schools and Other		0			
Course Number			Course Title		Units		TCHL-UE 1030		Language Acquisition and Literacy Education in a Multilingual and Multicultural Context		4	
SAHS-UE 1			New Student Seminar		0		TCHL-UE 1999		Drug and Alcohol Education/Child Abuse		1	
			Writing Proficiency Examination				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	
							Specialized Pedagogical Core				12	
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			15		Course Number		Course Title		Units			
									Open Electives**		15	

[*Steinhardt Liberal Arts Core](#)

** Selected by Advisement

† These will count as Liberal Arts Courses

Curriculum updated January 2020

File saved January 2021

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