

Uniform Core Curriculum

New Education Majors in Bachelor of Arts Degree Programs
for
Biology

Program Titles
with Program Leader:

Bachelor of Science in Biology with Education Major (Grades 6-12) Program, Dr. George O'Brien

		SCE 3813 Biology Ed Sem <small>Classroom Director Ed</small>	SCE 4894 Nature of M/S	SCE 4194 Perspectives in <small>M.S.C</small>	SCE 4330	SCE 4931 Senior Seminar	SCE 4944 Student Teaching	TSL 4324	RED 4325	PHY 2048 & 2048 L	PHY 2049 & 2049L	MAC 2311 Calc I	MAC 2312 Calc II	BSC 1010 & 1010L	BSC 1011 & 1011L	CHM 1045 & 1045L	CHM 1046 & 1046L	PHY 3106 & 3106L	PHY 3107 & 3107L	PHY 3513	PHY 4221	PHY 4134	PHY 4135	PHY 4810L	Human Growth & Development	Societies and Identities Elective	
Uniform Core Curriculum	(a) Higher Level Mathematical Concepts	X	X	X	X		X			X	X	X	X			X	X	X	X	X	X	X	X				
	(b) Math computational skills acquisition and measures to improve P-12 computational performance and technology appropriate for the grade	X	X	X	X		X			X	X	X	X														
	(c) Technology appropriate for the grade		X		X	X	X																				
	(d) Reading interpretation and use of data for student achievement							X																			
	(e) Information on the state system of school improvement and accountability				X	X	X																				
	(f) Teaching strategies to meet the needs of diverse student populations	X		X	X	X	X	X	X																		
	(g) Classroom management	X			X		X																				
	(h) School Safety	X		X	X		X																		X		
	(i) Professional ethics			X	X		X																				
	(j) Educational Law				X	X	X																				
	(k) Write and speak in a logical and understandable manner with appropriate grammar	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	(l) Recognize signs of students' difficulty with the reading and computational performance							X	X																		
(m) Foundations and History of Education	X		X	X																							