	Institu	itional (II	.O). Proa	Natural Science ram (PLO), and C	-	ianm	ent							
Program: Eart (Geography, G				per of Courses: 19	Date Updated 11.11.13	<u> </u>		Su ames	bmit Noye			3356	5	
Institutional SLOs	I. Content Knowledge	and A	l, Creative, nalytical nking	III. Communication and Comprehension	IV. Professional and Personal Growth		ommu and aborat	,		VI. In Techr	-		-	-
Program Rating Program Level SLC			4	4	2		2		1	A	Os te Aligr	2 o PL nmei e 14	nt	VI
This includes the ab	lity to recall the defin	itions of the	specialized	ures of the basic conce vocabulary of earth sci	ience and geography.	Ū	•	ıy.	4	2	2	2.	2	2
				ize and can accurately acts humans' lives and					4	4	4	2.	2	2
				nts of the scientific met scientific research in r				ons,	4	4	2	2	2	2
Course Level SLOs	6					Co Prog Ali Mark		A	ours Aligr	e SL nmei 14	.Os nt			
						P1.	P2.	P3.	Ι	II		IV	V	VI
•	ysical geography. (T		-	ts can identify the salie o recall the definitions o		x			4	2	2	2	2	2
-	how their physical e			Environment Student nans' lives and how hu	-		x		4	4	2	2	2	2

Course Level SLOs	Prog	urse ram (gnme with a	SLO ent		Co A	urse lign	s to e SL(men 14	t	
	P1.	P2.	P3.	I	Ш		IV	V	VI
GEOG 1 Physical Elements: SLO #3. Nature of Science Students can identify the key elements of the scientific method (hypotheses, tests, observations, conclusions/interpretation of observations) in popular accounts of scientific research in magazines, newspapers, etc.			x	4	4	4	2	2	2
GEOG 2 Cultural Geography: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of cultural geography. (This includes the ability to recall the definitions of the specialized vocabulary of cultural geography.)	х			4	2	2	2	2	2
GEOG 2 Cultural Geography: SLO #2. Relationship with Their Environment Students recognize and can accurately articulate how their cultural environment affects humans' lives and how human activities affect their cultural environment.		x		4	4	4	2	2	2
GEOG 2 Cultural Geography: SLO #3. Nature of Science Students can identify the key elements of the scientific method (hypotheses, tests, observations, conclusions/interpretation of observations) in popular accounts of scientific research in magazines, newspapers, etc.			x	4	4	2	2	2	2
GEOG 5 World Religion Geography: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of physical geography. (This includes the ability to recall the definitions of the specialized vocabulary of cultural geography.)	х			4	2	2	2	2	2
GEOG 5 World Religion Geography: SLO #2. Relationship with Their Environment Students recognize and can accurately articulate how their cultural environment affects humans' lives and how human activities affect their cultural environment.		x		4	4	4	3	2	2
GEOG 5 World Religion Geography: SLO #3. Nature of Science Students can identify the key elements of the scientific method (hypotheses, tests, observations, conclusions/interpretation of observations) in popular accounts of scientific research in magazines, newspapers, etc.			x	4	4	2	2	2	2

Course Level SLOs	Course to Program SLO Alignment Mark with an X			Alignment								
	P1.	P2.	P3.	I	П	111	IV	V	VI			
GEOG 6 Physical Geography Laboratory: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of physical geography. (This includes the ability to recall the definitions of the specialized vocabulary of physical geography.)	x			4	2	2	2	2	2			
GEOG 6 Physical Geography Laboratory: SLO #2. Relationship with Their Environment Students recognize and can accurately articulate how their physical environment affects humans' lives and how human activities affect their physical environment.		x		4	4	4	2	2	2			
GEOG 6 Physical Geography Laboratory: SLO #3. Nature of Science Students can identify the key elements of the scientific method (hypotheses, tests, observations, conclusions/interpretation of observations) in popular accounts of scientific research in magazines, newspapers, etc.			x	4	3	2	2	2	3			
GEOG 7 Geography of California: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of physical geography. (This includes the ability to recall the definitions of the specialized vocabulary of physical geography.)	x			4	2	2	2	2	2			
GEOG 7 Geography of California: SLO #2. Relationship with Their Environment Students recognize and can accurately articulate how their physical environment affects humans' lives and how human activities affect their physical environment.		x		4	4	4	2	2	2			
GEOG 7 Geography of California: SLO #3. Nature of Science Students can identify the key elements of the scientific method (hypotheses, tests, observations, conclusions/interpretation of observations) in popular accounts of scientific research in magazines, newspapers, etc.			x	4	4	2	2	2	2			
GEOG 8 Introduction of Geographic Information Systems: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of mapping and Geographic Information Systems (GIS). This includes the ability to recall the definitions of the specialized vocabulary of maps and GIS.	х			4	2	4	2	2	4			

Course Level SLOs	Course to Program SLO Alignment Mark with an X			Alignment							
	P1.	P2.	P3.	1			IV	V	VI		
GEOG 8 Introduction of Geographic Information Systems: SLO #2. Relationship with Their Environment Students recognize and can accurately articulate the manner in which maps and GIS are used to show both how human activities affect their environment and how human lives are affected by their environment.		x		4	4	3	2	2	4		
GEOG 8 Introduction of Geographic Information Systems: SLO #3. Nature of Science Students can identify the key elements of the scientific method (hypotheses, tests, observations, conclusions /interpretation of observations) when using maps and GIS to analyze and manipulate geographic data.			x	4	4	2	2	2	4		
GEOG 9 Weather and Climate: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of meteorology and climate science. (This includes the ability to recall the definitions of the specialized vocabulary of meteorology and climate science.)	x			4	2	2	2	2	2		
GEOG 9 Weather and Climate: SLO #2. Relationship with Their Environment Students recognize and can accurately articulate how weather and climate affect humans' lives and how human activities affect weather and climate.		х		4	4	3	2	2	2		
GEOG 9 Weather and Climate: SLO #3. Nature of Science Students can identify the key elements of the scientific method (hypotheses, tests, observations, conclusions/interpretation of observations) in popular accounts of scientific research in magazines, newspapers, etc.			x	4	2	2	2	2	2		
GEOG 20abcd Geography Field Studies: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of geography. (This includes the ability to recall the definitions of the specialized vocabulary of geography.)	х			4	4	4	2	2	2		

Course Level SLOs	Prog	urse ram S gnme with a	SLO nt		A	ours Aligr	e SL mer 14	Os nt	
	P1.	P2.	P3.	I	Ш	Ш	IV	V	VI
GEOL 1 Physical Geology: SLO #1. Basic Knowledge Students recognize and can accurately articulate how the Earth affects humans' lives and how human activities affect the Earth.	х			4	2	2	2	2	2
GEOL 1 Physical Geology: SLO #2. Relationship with Their Environment Students can identify the salient features of the basic concepts of geology. (This includes the ability to recall the definitions of the specialized vocabulary of geology.)		x		4	4	4	2	2	2
GEOL 1 Physical Geology: SLO #3. Nature of Science Students can identify the key elements of the scientific method (hypotheses, tests, observations, conclusions/interpretation of observations) in popular accounts of scientific research in magazines, newspapers, etc.			x	4	4	2	2	2	2
GEOL 2 History of Planet Earth: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of geology. (This includes the ability to recall the definitions of the specialized vocabulary of geology.)	x			4	2	2	2	2	2
GEOL 2 History of Planet Earth: SLO #2. Relationship with Their Environment Students recognize and can accurately articulate how the Earth affects humans' lives and how human activities affect the Earth.		x		4	4	4	2	2	2
GEOL 2 History of Planet Earth: SLO #3. Nature of Science Students can identify the key elements of the scientific method (hypotheses, tests, observations, conclusions/interpretation of observations) in popular accounts of scientific research in magazines, newspapers, etc.			x	4	4	2	2	2	2
GEOL 3 Physical Geology Laboratory: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of geology. (This includes the ability to recall the definitions of the specialized vocabulary of geology.)	x			4	2	2	2	2	2
GEOL 3 Physical Geology Laboratory: SLO #2. Relationship with Their Environment Students recognize and can accurately articulate how the Earth affects humans' lives and how human activities affect the Earth.		x		4	4	4	2	2	2
GEOL 3 Physical Geology Laboratory: SLO #3. Nature of Science Students can identify the key elements of the scientific method (hypotheses, tests, observations, conclusions/interpretation of observations) in popular accounts of scientific research in magazines, newspapers, etc.			x	4	4	2	2	2	2

Course Level SLOs	Prog Ali	ourse f gram S gnme with a	SLO nt		A	ours	e SL mer 14	Os nt	
	P1.	P2.	P3.	Ι	II	III	IV	V	VI
GEOL 4 History of Planet Earth Laboratory: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of geology. (This includes the ability to recall the definitions of the specialized vocabulary of geology.)	x			4	2	2	2	2	2
GEOL 4 History of Planet Earth Laboratory: SLO #2. Relationship with Their Environment Students recognize and can accurately articulate how the Earth affects humans' lives and how human activities affect the Earth.		x		4	4	4	2	2	2
GEOL 4 History of Planet Earth Laboratory: SLO #3. Nature of Science Students can identify the key elements of the scientific method (hypotheses, tests, observations, conclusions/interpretation of observations) in popular accounts of scientific research in magazines, newspapers, etc.			х	4	4	2	2	2	2
GEOL 6 Earth Science in Education SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of geology. (This includes the ability to recall the definitions of the specialized vocabulary of geology.)	х			4	2	2	2	2	2
GEOL 6 Earth Science in Education: SLO #2. Relationship with Their Environment Students recognize and can accurately articulate how the Earth affects humans' lives and how human activities affect the Earth.		х		4	4	4	2	2	2
GEOL 6 Earth Science in Education: SLO #3. Nature of Science Students can identify the key elements of the scientific method (hypotheses, tests, observations, conclusions/interpretation of observations) in popular accounts of scientific research in magazines, newspapers, etc.			х	4	4	2	2	2	2
GEOL 15 Natural Disasters: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of geology. (This includes the ability to recall the definitions of the specialized vocabulary of geology.)	х			4	2	2	2	2	2
GEOL 15 Natural Disasters: SLO #2. Relationship with Their Environment Students recognize and can accurately articulate how the Earth affects humans' lives and how human activities affect the Earth.		x		4	4	4	2	2	2
GEOL 15 Natural Disasters: SLO #3. Nature of Science Students can identify the key elements of the scientific method (hypotheses, tests, observations, conclusions/interpretation of observations) in popular accounts of scientific research in magazines, newspapers, etc.			х	4	4	2	2	2	2

Course Level SLOs	Prog	ourse gram s gnme with a	SLO ent	O Course SLOs Alignment								
	P1.	P2.	P3.	1	II		IV	V	VI			
GEOL 30 Geology Laboratory of Death Valley: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of geology. (This includes the ability to recall the definitions of the specialized vocabulary of geology.)	х			4	2	2	2	2	2			
GEOL 32 Geology Laboratory of Owens Valley and Sierra Nevada: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of geology. (This includes the ability to recall the definitions of the specialized vocabulary of geology.)	х			4	2	2	2	2	2			
GEOL 34 Geology Laboratory of Southeaster California: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of geology. (This includes the ability to recall the definitions of the specialized vocabulary of geology.)	х			4	2	2	2	2	2			
GEOL 36 Geology Laboratory of Coastal California: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of geology. (This includes the ability to recall the definitions of the specialized vocabulary of geology.)	х			4	2	2	2	2	2			
OCEA 10 Introduction to Oceanography: SLO #1. Basic Knowledge Students can identify the salient features of the basic concepts of oceanography. This includes the ability to recall the definitions of the specialized vocabulary of oceanography.	х			4	2	2	2	2	2			
OCEA 10 Introduction to Oceanography: SLO #2. Relationship with Their Environment Students recognize and can accurately articulate how the ocean affects humans' lives and how human activities affect the ocean.		x		4	4	4	2	2	2			
OCEA 10 Introduction to Oceanography: SLO #3. Nature of Science Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.			x	4	4	2	2	2	2			