

Earth and Space Science Single Subject Advising Sheet

Name:			Red ID:		Phone:			
Address:					e-mail:			
SDSU Emphasis in General Geology plus Additional Courses Required for Subject Matter Certification in Earth and Space Science								
Phoebe Roeder, Adviser AD 103 Liberal Studies Office 594-0597 proeder@mail.sdsu.edu					Proposed but not yet accepted by CTC.			
	units	date	grade*		*At most one one grade below a C in LD and UD.	units	date	unit
TOTAL if do Upper Division American Institutions	128				TOTAL with credential program prerequisite	134		
TOTAL LD with credential prerequisites	82				TOTAL with credential program prerequisites	52		
TOTAL LD PREP, CORE, GE, & AI	81				TOTAL UD MAJOR, CORE, GE & AI	47		
LOWER DIVISION PREP FOR MAJOR	45				UPPER DIVISION MAJOR (38-40 units)	32		
Biol 100 General Biology* (GE)	3				Geol 300 Computer Appl Geol (lab)*	3		
Biol 100L General Biology Laboratory*	1				Geol 306 Struct Geol & Field Methods (lab)*	5		
Chem 200 General Chemistry I (lab)*	5				Geol 307 Geophysics and Field Methods (lab)*	4		
Chem 201 General Chemistry II (lab)*	5				Geol 324 (formerly 224) Petrology (lab)*	4		
Geol 101 Dynamics of the Earth Laboratory*	1				Geol 498A Senior Seminar*	1		
Geol 104 Earth Science*	3				Geol 498B Senior Thesis (lab)*	2		
Geol 200 Geol Inquiry & Prob Solv (3)*	3				Geol 508 Advanced Field Geology^	4		
Geol 205 (formerly 105) Historical Geology (lab)*	4				Geol 530 Geochemistry^	3		
Geol 221 Mineralogy (lab)*	4				Geol 536 Sedimentology & Lithostratigraphy (lab)*	3		
Math 150 Single Variable Calculus*	4				Geol 537 Geobiology (lab)*	3		
Math 151 Calculus & Anal Geom*	4				(Six units of elective; student should ask the			
Phys 195 Principles of Physics I *	3				Geology Adviser if he/she can use the two			
Phys 195L Princ of Physics Lab*	1				courses below.)			
Phys 196 Principles of Physics II*	3							
Phys 196L Princ of Physics Lab*	1							
LOWER DIVISION SCIENCE CORE	9				UPPER DIVISION SCIENCE CORE	6		
Astro 101 Principles of Astronomy* OR	3				Natural Sci 315 History of Science & Technology*	3		
Astro 201 General Astronomy* (recommended)					Ocean 541 Oceanography*	3		
Astro 109 Astronomy Laboratory*	1				Portfolio Assessment: due middle of senior year			
Phys 197 Principles of Physics III*	3							
Phys 197L Princ of Physics Lab*	1							
Teacher Ed 211 Field Experience Math & Science*	1							
LOWER DIVISION GE & AMER INST	27				UPPER DIVISION GE & AMER INST	9		
African Amer Stud 120, Chicana/o St 111B, RWS	3				Social (Recommend Linguistics 420)	3		
African Amer St 200, Rhetoric Writing St 200, or	3				Humanities (Cross Cultural Explorations)	3		
GE Social Sci (Recommend Psych 101)	3				UD American Institutions-ex. History 410)	3		
GE Social Science	3				GRADUATION WRITING ASSESSMENT			
GE Humanities (lit, art, hist, phil, or foreign lang)	3				Take during semester when achieve 60 units or the semester following			
GE Humanities (recommend some Spanish; ask	3				Score of 10: Passed			
GE Humanities	3				Score of 8 or 9: Need Upper Division Writing Course with C or better			
GE Humanities	3				Score of 7 or less: Must enroll in RWS 280 or 281; earn C or better; and			
LD or UD Amer Inst (ex. History 110 or Pol Sci 102)	3				enroll in an upper division writing course			
LOWER DIVISION CRED PREREQUISITES	1				UPPER DIVISION CRED PREREQUISITES	5		
Health 296 (1 unit)	1				Education 451 Multicultural Education (3 units)	3		
30hours of field experience & CBEST					Special Ed 450 (2 units)	2		

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					^Required for graduation with the BS.			
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