

**Course Requirements for Secondary Certification
Major and Endorsement in Earth/Space Science (DH)**

Course Title	Course Number	Sem. Hours *	Secondary		Additional Endors.
			Maj.	Min.	
Science of the Earth	GEL1010	4	X	X	X
Interpreting the Earth	GEL1020	4	X	X	X
Oceanography for Educators	GEL5200	4	X		
Meteorology	GEL1370	3	X	X	X
Mineralogy	GEL2130	4	X	X	X
Princ. Of Sedimen & Strat	GEL3400	4	X	X or	X or
Petrology	GEL3160	4	X	or X	or X
Structural Geology	GEL3300	4	X		
Descriptive Astronomy W/Lab	AST2010	5	X	X	X
Total Number of SEMESTER HOURS <u>required</u> for each option offered:			36	24	24
Additional Courses Require					
An Introduction to Life	BIO1050	4	X		
Chem Struct, Bond, & React	CHM1220 CHM1230	5	X		
Laboratory Safety	CHM6740	2	X	X**	X**
General Physics	PHY2130 PHY2131	4	X		
Math Courses Required:					
Calculus I	MAT2010	4	X		
Elem. Probab. & Statist	MAT2210	4	X		
Elementary Functions	MAT1800	4		X	X
Total Number of SEMESTER HOURS <u>required</u> for each option offered:				**if not taken under major	**if not taken under major