

Name _____ Evaluated by _____
ID # _____ Date _____

MATHEMATICAL GEOLOGY RELATED AREA.....24-28 credits

General Education

_____ CHMY 141 College Chemistry I 4 _____ Approved _____
Select 1 of the following:
_____ GEO 101 Intro to Physical Geology 4 _____ Approved _____
_____ GEO 103 Intro to Environ Geology 4 _____ Approved _____

Mathematical Geology Core

_____ CHMY 143 College Chemistry II 4 _____ Approved _____
_____ GEO 226 Rocks, Minerals, Resources 4 _____ Approved _____
Select 1 of the following (may **not** be applied to Math Option core)
_____ M 414 Deterministic Modeling 4 _____ Approved _____
_____ STAT 433 Stochastic Modeling 4 _____ Approved _____
Select 1 of the following (may be applied to the Math Option core)
_____ M 431 Abstract Algebra I 4 _____ Approved _____
_____ M 435 Advanced Calculus I 4 _____ Approved _____
_____ M 444 Advanced Number Theory 4 _____ Approved _____
_____ M 472 Intro to Complex Analysis 4 _____ Approved _____
Select 3 of the following:
_____ GEO 309 Sedimentation & Stratigraphy 4 _____ Approved _____
_____ GEO 315 Structural Geology 4 _____ Approved _____
_____ GEO 378 Surficial Processes 4 _____ Approved _____
_____ GEO 421 Hydrology 4 _____ Approved _____
_____ GEOL 431 Environmental Geochem 4 _____ Approved _____