



Student Name and ID Number \_\_\_\_\_

Required Course - 3 credits	Credits
GE 2020 Intro to Mining Engineering and Mining Methods (3)	

Elective Courses - 9 to 15 credits	
GE 3400 Drilling and Blasting (3)	
GE 3860 Engineering Geology & Geoinformatics (3)	
GE 3870 Resource and Reserve Estimation (3)	
GE 3880 Mine Planning and Design (3)	
GE 4290 Mine Ventilation, Health and Safety Engineering (3)	
GE 4360 Materials Handling (3)	
GE 4680 Operations Research for Mining Engineerings (3)	
GE 4690 Discrete Event Simulation and Animation for Engineers (3)	

Additional Electives - 0 to 6 credits	
Students must consult with a departmental advisor to select additional elective courses	
GE XXXX	
GE XXXX	
<b>Total Credits Required = 18</b>	

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C:  
 GE3400 (GE2020 and PH2100), GE3860 (GE2000 or GE2100 and (GE3050 or ENG2120 or MEEM2150)), GE3870 (ge2020 and MA3710),  
 GE3880 (GE2320 and GE3400 and GE3870), GE4290 (GE2020 and GE2320 and ENG3200), GE4360 (PH2100), GE4680 (GE2020 or  
 GE2320), GE4690 (GE2020 and GE2320 and GE3870).

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Department Approval \_\_\_\_\_ Date \_\_\_\_\_