

DEGREE CHECKLIST – BACHELOR OF SCIENCE IN GEOLOGY

Student Name: _____ Access ID: _____ Date: _____

Core Requirements for Geology				
Course #	Course Title	Course Credits	Grade (min. C-)	Term Completed
GEL 1010	Geology: The Science of the Earth (F/W/S)	4		
GEL 1020	Historical Geology (F/W)	4		
GEL 2130	Mineralogy (F)	4		
GEL 3160	Petrology (W)	4		
GEL 3300	Structural Geology (W)	4		
GEL 3400	Sedimentology and Stratigraphy (F)	4		
GEL 3650	Geology Field Camp	6		
GEL 3990	(W) Writing Intensive course in Geology <i>*This course should be taken with one of the following: GEL 2130, 3160, 3300, or 3400</i>	0		
Electives in Geology (min. 8 credits) – must be at least a 3000-level course or above				
Elective 1				
Elective 2				
Elective 3				

Cognate Requirements for Geology				
Course #	Course Title	Course Credits	Grade (min. C-)	Term Completed
MAT 1800	Elementary Functions and Trigonometry	4		
MAT 2010	Calculus I	4		
CHM 1220	General Chemistry I Lecture	4		
CHM 1230	General Chemistry I Lab	1		
PHY 2130	General Physics	4		
PHY 2131	General Physics Lab	1		
PHY 2140	General Physics	4		
PHY 2141	General Physics Lab	1		
<i>*Students interested in pursuing Graduate studies may opt to take the Calculus-based sequence for Physics (PHY 2170/71 & PHY 2180/81); students may also choose to complete additional coursework in Mathematics and Chemistry.</i>				

(F) = Fall only course; (W) = Winter only course; (S) = Summer only course

Notes:

1. Most Geology students will complete their Geology Field Camp experience at another institution and transfer those credits back to Wayne State University; Field Camp courses should be discussed with your advisor and faculty prior to enrolling
2. Certain courses (e.g., MAT 1800, CHM 1220) may require you to complete prerequisite coursework; see “Explaining the Cognate Requirements for Geology/Environmental Science” handout
3. See reverse for typical course sequencing and potential 4-year plan
4. Students must also complete the **University General Education Program**

STUDENT’S SIGNATURE

ADVISOR’S SIGNATURE