

Mount Union College Geology

Requirements for Major and Minors (Updated 6/30/2009)

Geology Major:

36 Semester Hours in Geology

____ GY 110 or 112	Physical Geology	3 or 4	
____ GY 212Q	Historical Geology	4	
____ GY 301	Mineralogy	4	
____ GY 302	Petrology	4	
____ GY 325	Stratigraphy and Sedimentation	4	
____ GY 330	Structural Geology	4	
____ GY 381	Geology Seminar	0.5	
____ GY 382	Geology Seminar	0.5	
____ GY 383	Geology Seminar	0.5	
____ GY 384	Geology Seminar	0.5	
____ GY 425E	Senior Culminating Experience	4	
____ GY ____	Geology Elective	}	<i>Electives to bring total geology courses to 36 hours: 6-7</i>
____ GY ____	Geology Elective		

Extra-departmental Courses (11-12 Semester Hours)

____ MA 120/141	Precalculus or Calculus I	4
____ CH 110	Concepts in Chemistry	4
____ or CH 111W	Foundations in Chemistry	
____ _____	General Physics I (PH 101) or one biology course (not including BI 120/122)	3-4

NOTE: Students planning graduate study should be aware that additional courses in chemistry, physics and/or math are sometimes required for graduate admission.

Geology Minor

15 Semester Hours in Geology

____ GY 110 or 112	Physical Geology	3 or 4
____ GY 212Q	Historical Geology	4
____ GY ____	Geology Elective	____
____ GY ____	Geology Elective	____

Earth Science Minor

17-18 Semester Hours

____ GY 112	Physical Geology	4
____ GY 212Q	Historical Geology	4
____ PH 120	Astronomy	4
____ GY ____	Geology Elective	2-4 (200 level or higher)

ONE of the following:

____ BI 120 or 122	Contemporary Biology	3-4
____ CH 100/101	Introductory Chemistry	4
____ _____	Concepts of Physics	3