

COLLEGE OF SCIENCE – B.S. GEOLOGY MAJOR with ENVIRONMENTAL GEOSCIENCE EMPHASIS

Name _____ Date _____

*Course offerings are subject to change semesters. Please consult each semester's schedule of courses for availability.
A 2.00 GPA is required for graduation.*

COMPLETED COLLEGE OF SCIENCE SPECIFIC REQUIREMENTS

_____ 3 hours, Literature _____

COMPLETED MAJOR SPECIFIC REQUIREMENTS

Geology Requirements

	<i>Semester</i>	<i>Hrs</i>	<i>Grade</i>
GLY 200, Physical Geology (Coreq GLY 210L)	Fall and Spring	3	_____
GLY 201, Historical Geology (Prereq. GLY 200; Coreq GLY 211L)	Spring	3	_____
GLY 210L, Earth Materials Lab (Coreq GLY 200)	Fall and Spring	1	_____
GLY 211L, Hist Geology Lab (Prereq. GLY 210L; Coreq GLY 201)	Spring	1	_____
GLY 212, Geological Field Mapping (Prereq. GLY 200)	Fall	2	_____
GLY 313, Structural Geology (Prereq. GLY 200)	Fall, Even years	4	_____
GLY 314, Mineralogy (Prereq GLY 200; CHM 211, 212, 217 & 218)	Fall, Odd years	4	_____
GLY 325, Stratigraphy & Sedimentation (Prereq. GLY 201)	Fall, Even years	4	_____
GLY 421 Petrology (Prereq. GLY 201 & 314) OR	Spring, Even years		
GLY 423 Sedimentary (Prereq. GLY 201 & 314)	Fall, Odd years	4	_____
GLY 425, Geochemistry		3	_____
(Prereq GLY 200; CHM 211, 212, 217 & 218; Coreq GLY 425L)			
GLY 425L, Geochemistry Lab (Coreq GLY 425)		2	_____
GLY 430, Computer Methods in Geology (12 hrs. in GLY)	Spring, Odd years	4	_____
GLY 451, Geomorphology (Prereq. GLY 200, and 210L)	Fall, Odd years	4	_____
GLY 455, Hydrogeology (Prereq. GLY 200; Coreq GLY 455L)	Odd years	3	_____
GLY 455L, Hydrogeology Lab (Coreq GLY 455)	Odd years	1	_____
GLY 456, Environmental (Prereq. GLY 200; Coreq GLY 456L)	Even years	3	_____
GLY 456L, Envir Lab (Prereq. GLY 200, 210L, 451, & 451L)	Even years	1	_____
GLY 491, Capstone (permission)		2	_____

Mathematics Requirements

_____ MTH 229 Calculus I Fall and Spring 5 _____

Non-GLY Requirements

BSC 120, Principles of Biology I	Fall and Spring	4	_____
CHM 211 & 217, Prin I & Lab (All)	All	3, 2	_____
CHM 212 & 218, Prin II & Lab (All)	All	3, 2	_____
PHY 201 & 202, Physics I & Lab	All	3, 1	_____
(Prereqs: MTH 229, 132; OR 127/130/140 and 122)			
PS 410, Remote Sensing		4	_____
ENG 354, Scientific & Technical Writing		3	_____
GEO 429, Intermediate GIS – Vector Analysis		3	_____

MARSHALL UNIVERSITY CORE REQUIREMENTS

Must have a **GRADE** in **ALL** required courses (except for AP credit)

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COMPLETED **CORE I, 9 CREDIT HOURS – Must be 100 – 299 level**

_____ **3 hrs, First Year Seminar** _____

_____ **6 hrs, Critical Thinking** _____

COMPLETED **CORE II, 25 CREDIT HOURS – Must be 100 – 299 level**

_____ **6 hours, Composition** (Grade of **C** or higher required)

ENG101 3 hrs. _____ **AND** ENG 102 3 hrs. _____ **OR** ENG 201H 6 hrs. _____

Must earn a C or better in ENG 102 or ENG 201H in order to graduate.

_____ **3 hours, Communications** CMM 103 _____ CMM 104H _____ **OR** CMM 207 _____

_____ **3 hours, Fine Arts** ART 112 _____ MUS 142 _____ **OR** THE 112 _____

_____ **3 hours, Humanities** _____

CL 210*, 231, 232, 233, 234, 235, 236, 237, 250

CMM 205, 239, 240

ENG 200*, 202, 203, 206, 209, 210, 211, 212, 213, 215, 220, 225, 231, 235, 236, 240, 241, 242

FRN 240

GER 240

JPN 240

PHL 200, 200H, 201, 250

RST 205, 206, 250

SPN 240

_____ **3 hours, Math** (*MTH 140, MTH 229, OR IST 131 for Science majors*) _____

_____ **4 hours, Natural or Physical Sciences** _____

BSC 104, 105, 120, 121, 228, 250

CHM 211 plus 217, 212 plus 218

GLY 110 plus 210L, 150 plus 150L, 200 plus 210L

ISC 200, 201, 202, 205, 208, 209

IST 111, 131, 224, 230

PHY 101 plus 101L, 201 plus 202, 203 plus 204, 211 plus 202 or 212, 213 plus 204 or 214

PS 109 plus 109L, 110 plus 110L

_____ **3 hours, Social Science** _____

ANT 201*, ANT 201H CMM 213, 255 CJ 200, 211, 221, 231, 241 GEO 100*, 203, 206

HST 101*, 102*, 103*, 103H, 125, 200, 205, 206, 208*, 219, 220, 221, 223, 230*, 230H*, 231*, 231H*, 250, 260, 265

PSC 104, 105, 202, 207, 209, 211, 233 PSY 201, 201H, 223 SOC 200*, 200H*

**Core II courses that have also been approved as Core I (CT) courses*

_____ **3 hours, Multicultural** _____ **OR** **International studies** _____

_____ **6 hours, Writing Intensive** _____

_____ **Capstone 2 – 3 hrs** _____

TOTAL HOURS REQUIRED – AT LEAST 120 OF WHICH 40 MUST BE 300 – 499 LEVEL

Total Hours _____ **300-400 level hours** _____

Catalog Year: 2010 – 2011