

Name _____
 MSU ID# _____

Advisor _____

PALEONTOLOGY OPTION
CURRICULUM CHECKING SHEET
 (2008-2010 Catalog)

Courses REQUIRED by the Department

SEMESTER

Rubric	#	Core	Course Title	CREDITS	TAKEN	GRADE
FRESHMAN YEAR						
CHEM	131	N	General Chemistry I	4		
CHEM	132	N	General Chemistry II	4		
ESCI	111	N	Physical Geology	4		
ESCI	112	N	Physical Geography #	4		
GEOL	210		Historical Geology	3	Spr	
MATH	181	M	Calculus/Anal. Geom. I	4		
MATH	182	M	Calculus/Anal. Geom. II	4		
University core or elective				3		
<i>TOTAL</i>				30		

SOPHOMORE YEAR

BIOL	101	N	Biology of Organisms	4		
ESCI	307		Principles of Geomorpho	4	Fall	
GEOG	211		Introduction to GIS	3		
GEOG	305		Intermediate GIS	3		
GEOL	204		Mineralogy	4	Spr	
PHYS	205	N	College Physics I	4		
PHYS	206	N	College Physics II	4		
University core or elective				4		
<i>TOTAL</i>				30		

taken as an elective.

JUNIOR YEAR

GEOL	306		Igneous Petrology	3	Fall	
GEOL	307		Sedimentary Petrology	3	Fall	
GEOL	308		Metamorphic Petrology	3	Spr	
GEOL	309		Sedimentation and Stratig	4	Spr	
GEOL	315		Structural Geology	3	Spr	
STAT	332		Stat-Scientist & Engr	3		
University core or electives				11		
<i>TOTAL</i>				30		

SUMMER OF JUNIOR *OR* SENIOR YEAR

GEOL	423		Field Geology	6	Sum	
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SENIOR YEAR

GEOL	433	Tectonics	3	Fall	
University core or electives			21		
<i>TOTAL</i>			24		
GRAND TOTAL			120		

UPPER DIVISION PALEONTOLOGY COURSE ELECTIVES

requirements, in addition to those listed on the opposite side:

Rubric	#	Core	Course Title	SEMESTER		
				CREDITS	TAKEN	GRADE
REQUIRED COURSES						
<i>GEOL</i>	310		<i>Invertebrate Paleontology</i>	3	<i>Fall</i>	
GEOL	330		<i>Paleontology Laboratory</i>	2	<i>Fall</i>	
<i>GEOL</i>	411		<i>Vertebrate Paleontology</i>	3	<i>Spr</i>	
GEOL	417		Taphonomy	3	Fall	
GEOL	419*		Paleontology Field Course	2	Sum	

§ NOTE: Taken during summer of Sophomore or Junior year

ELECTIVE COURSES

It is strongly recommended that students take a *minimum* of two of the following four courses:

BIOL	310	Comparative Vertebrate	4	Spr	
<i>GEOL</i>	312	<i>Dinosaur Paleontology</i>	3	<i>Fall</i>	
GEOL	413	Macroevolution and the	3	Spr	
GEOL	480	Topics in Paleontology ‡	3		

‡ NOTE: Only GEOL 480 courses that cover a specific paleontology topic are applicable.

numbered 300 or above.

the first year of the cycle (e.g., 2008-9) and ITALICIZED courses are planned to be offered in the