

**PALEONTOLOGY OPTION**  
**CURRICULUM CHECKING SHEET**  
(2006-2008 Catalog)

**COURSES REQUIRED IN DEPARTMENT**

**FRESHMAN YEAR**

CHEM 131N      General Chemistry I  
CHEM 132N      General Chemistry II  
ESCI 111N      Physical Geology  
ESCI 112N      Physical Geography  
MATH 181M      Calculus & Anl Geom I  
Math 182M      Calculus & Anl Geom II  
University Core and Electives

**TOTAL**

CREDITS	SEMESTER TAKEN	GRADE
4		
4		
4		
4		
4		
4		
6		
<b>30</b>		

**SOPHOMORE YEAR**

BIOL 101N      Biology of Organisms  
GEOL 204      Mineralogy  
GEOL 210      Historical Geology  
GEOL 306      Igneous Petrology  
GEOL 307      Sedimentary Petrology  
PHYS 205N      College Physics I  
PHYS 206N      College Physics II  
University Core and Electives

**TOTAL**

4		
4		
3		
3		
3		
4		
4		
5		
<b>30</b>		

**JUNIOR YEAR**

ESCI 301      Earth Sciences Writing  
ESCI 307      Prin of Geomorphology  
GEOL 308      Metamorphic Petrology  
GEOL 309      Sedimentation & Strat  
GEOL 315      Structural Geology  
GEOL 400      Seminar  
STAT 332      Stat-Scientist & Engr  
University Core and Electives

**TOTAL**

2		
4		
3		
4		
4		
1		
3		
9		
<b>30</b>		

*Take the summer of JUNIOR or SENIOR YEAR*

GEOL 423      Field Geology

**TOTAL**

6		
<b>6</b>		

**SENIOR YEAR**

University Core and Electives

**TOTAL**

18		
<b>18</b>		

**UPPER DIVISION PALEONTOLOGY COURSE ELECTIVES**

In order to complete the Paleontology Option, students *must* complete the following course requirements, in addition to those listed on the opposite side:

**REQUIRED COURSES:**

		CREDITS	SEMESTER TAKEN	GRADE
GEOL 310	Invertebrate Paleontology	3		
GEOL 330	Paleontology Laboratory & Research Techniques	2		
GEOL 411	Vertebrate Paleontology	3		
GEOL 417	Taphonomy	3		
GEOL 419*	Paleontology Field Course	2		

\*Taken during summer of Sophomore or Junior Year.

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

		CREDITS	SEMESTER TAKEN	GRADE
BIOL 310	Comparative Vertebrate Anatomy	4		
GEOL 312	Dinosaur Paleontology	3		
GEOL 413	Macroevolution and the Fossil Record	3		
GEOL 480†	Topics in Paleontology	3		

†Only GEOL 480 courses that cover a specific paleontology topic are applicable.

A minimum of 120 credits is required for graduation; 42 of these credits must be in courses numbered 300 or above.