

Institution Name: Cornell College
Date approved: November 2007
Updated date: January 26, 2007

ENDORSEMENT NO. 153
IAC 14.141(17)d
Earth Science
GRADE LEVEL: 5-12
 February 2006

DATE OF PROGRAM:
September 3, 2007

Professional Education Core:
 Requirements unique to this endorsement:

STATE REQUIREMENTS Professional Core	INSTITUTIONAL REQUIREMENTS Course(s) for Demonstrating Competencies
Methods of teaching with an emphasis in Science	EDU 324 Secondary Mathematics, Science and Social Studies EDU 328 Reading in the Content Area
Student Teaching in Earth Science	EDU 410, 420, 430, 440 Student Teaching

Content:

- A. Completion of a thirty semester hour teaching major which must minimally include
- B. Completion of twenty-four semester hours in Earth Science or
- C. Thirty semester hours in the broad area of Science to include fifteen semester hours in Earth Science.

Option 1:

STATE REQUIREMENTS Content Categories	INSTITUTIONAL REQUIREMENTS Course Numbers and Titles	Credit Hrs.
24 semester hours in Earth Science	1. GEO 111 Physical Geology	4
	2. GEO 112 Historical Geology	4
	3. GEO 212 Mineralogy	4
	4. GEO 214 Tectonics	4
	5. GEO 217 Invertebrate Paleontology	4
	6. Three course credits at or above the 200 level GEO 222 Climate Change GEO 223 Geology of National Parks GEO 320 Geomorphology GEO 329 Geology of a Region	12
	7. One of the following: PHY 221 Astronomy PHY 228 Energy Alternatives	4
TOTAL Credit Hours		36

OR

Option 2:

STATE REQUIREMENTS Content Categories	INSTITUTIONAL REQUIREMENTS Course Numbers and Titles	Credit Hrs.
30 semester hours in the broad area of Science to include 15 semester hours in Earth Science	1. GEO 105 Marine Science	4
	2. GEO 111 Physical Geology	4
	3. GEO 112 Historical Geology	4
	4. GEO 222 Climate Change	4
	5. A major in Cornell science	
TOTAL Credit Hours		16