

**INTERDISCIPLINARY MAJOR - COORDINATE MAJOR
IN ELEMENTARY OR EARLY CHILDHOOD EDUCATION**

(General Education courses listed below are required for Elementary Education and recommended for Early Childhood Education Majors)

SPECIALIZATION IN NATURAL SCIENCES (IDA)

SPONSORING DEPARTMENT: PHYSICS AND EARTH SCIENCES

GENERAL EDUCATION (12 Courses Required):

<u>COURSE #</u>	<u>TITLE</u>	<u>GOAL(S) MET</u>
<u>21.110</u>	<u>Expository Writing</u>	<u>1</u>
<u>43.110</u>	<u>College Mathematics I</u>	<u>2</u>
<u>61.</u>	<u>Any language course</u>	<u>3</u>
<u>21.261</u>	<u>American Writers I <i>or</i></u>	<u>4, 12</u>
	<u>21.262 American Writers II</u>	
<u>21.203</u>	<u>Global Perspectives in Litera.</u>	<u>4, 11</u>
<u>84.160</u>	<u>Image, Sound, & Structure</u>	<u>5</u>
<u>53.201</u>	<u>Introductory Physics</u>	<u>6</u>
<u>23.101</u>	<u>Biological Concepts</u>	<u>7</u>
<u>32.155</u>	<u>Comp. History World Civiliz.</u>	<u>8, 11</u>
<u>22.110</u>	<u>World Regional Geography</u>	<u>9, 11</u>
<u>32.151</u>	<u>U.S. History to Reconst. <i>or</i></u>	<u>10</u>
	<u>32.152 U.S. History since Reconst.</u>	
<u>42.200</u>	<u>Psychology of Development</u>	<u>9</u>

General Education Goals (Check off as Completed):

- | | |
|--------------------------------|--------------------------------------|
| 1 _____ Writing | 8 _____ Historical Studies |
| 2 _____ Quantitative | 9 _____ Social/Behavioral Sciences |
| 3 _____ Language | 10 _____ Forces in the United States |
| 4 _____ Literature/Philosophy | 11 _____ Non-Western Studies |
| 5 _____ Visual/Performing Arts | 12 _____ Gender, Race and Class |
| 6 _____ Physical Science | _____ Laboratory Science |
| 7 _____ Life Science | _____ Study of the Constitutions |

INTERDISCIPLINARY MAJOR SPECIALIZATION (12):

COURSE # COURSE TITLE

Two Core Courses :

Writing elective (Choose one)

- | | |
|-----------------------------------|-----------------------------------|
| _____ 21.225 Intro. to Journalism | _____ 21.286 Professional Writing |
| _____ 21.282 Creative Writing | _____ 21.333 Critical Writing |
| _____ 21.284 Prose Writing | |

Mathematics course

- _____ 43.200 Precalculus

Two Biology Courses:

23. _____ One course from the following:

- _____ 23.250 Horticulture
 _____ 23.251 Vascular Plant Taxonomy
 _____ 23.252 Biology of Non-Vascular Plants

23. _____ One course from the following:

- _____ 23.220 Animal Behavior
 _____ 23.232 Invertebrate Zoology
 _____ 23.234 Comparative Vertebrate Physiology

Three Chemistry Courses:

- _____ 33.103 General Chemistry *or* 33.107 Principles of Chemistry

- _____ 33.201 Organic Chemistry

33. _____ One course from the following:

- _____ 33.108 Prin. of Chemistry and Quantitative Analysis (with perm.)
 _____ 33.131 Science – Environment and Health
 _____ 33.151 Principles of Food Science

Three Physics and Earth Science Courses from the following list:

- _____ 53.241 Introduction to Meteorology
 _____ 53.251 Introduction to Astronomy
 _____ 73.231 Physical Geology
 _____ 73.246 Oceanography

Two free electives:

SEE REVERSE SIDE FOR COURSES IN EDUCATION