

EFFECTIVE FOR STUDENTS ENTERING FALL, 2005

**MIDDLE CHILDHOOD EDUCATION PROGRAM OF STUDY—GRADES 4-9
MATHEMATICS AND SCIENCE CONCENTRATIONS FALL COHORT**

MIAMI PLAN FOR LIBERAL EDUCATION

Foundation	Course #	Hrs	Course Title
I A	ENG 111	3	College Composition
I B	ENG 112	3	Composition and Literature
II A	Fine Arts	3	(choice)
II B	EDL 204	3	Socio-cultural Studies in Education
II C	EDP 201	3	Human Development & Learning in Social & Educational Contexts
II A, B or C		3	(recommended—HST 111, 112, 121, 122, 197, 198)
III A	U.S. Cultures	3	(recommended—HST 111, 112)
III B	World Cultures	3	(recommended—HST 121, 122, 197, 198)
IV A	Bio. Science	4	BOT/MBI/ZOO 115 or ZOO 113 (on regional campus)
IV B	Physical Sci.	4-5	EDT 181, CHM 137 or 141 + 144, PHY 181 + 183, CHM111, or CHM 131 (PHY 171 may be used with 183, but 171 is not in the Miami Plan.)
IV B	Physical Sci	4	EDT 182, GLG 111+115.L, 121+115.L, or 141+115.L
V	MTH 151	5	Calculus I
		9	Thematic Sequence (MTH 2 fits this major, if STA 301 is chosen)
		3	Senior Capstone (MTH 407 is a capstone)

At least one Miami Plan course must meet the historical perspective requirement

Content Courses:

MTH 151	5	Calculus I
MTH 217 (spring only)	3	Math for Middle School Teachers (MTH 151 is pre-requisite)
MTH 218 (fall only)	3	Geometry for the Middle Childhood Teacher (MTH 151 is pre-requisite)
MTH 231	3	Elements of Discrete Mathematics
MTH 407 (capstone)	3	Patterns and Structures in Mathematics
STA 301 or 261	3-4	Applied Statistics or Statistics (see adviser before choosing)
EDT 265	3	The Past, Present, and Future of Mathematics
Physical Science courses	8	EDT 181 and 182 (see other Miami Plan choices shown above)
Biological Sci. choice (1)	4	BOT/MBI/ZOO 115 OR ZOO 113 (regional campus)
Biological Sci. choice (2)	4	BOT/MBI/ZOO 116 OR ZOO 114 (regional campus)
Science & Culture course	3-4	PHL 376, 205, WCP,222, 333.B, 334.B, CHM 491, PHY 101, GLG 207,ZOO 400, OR EDT 374
EDT 415 (fall & summer)	3	Inquiring Life Science
or PHY 215 (spring only)		or Physics by Inquiry

Additional science electives, above the 200-level, to bring total to 24 credit hours in science

(BOT 200-499, CHM 200-499, GEO 221, 271, 421, 424, 425, 42, 431, 432, GLG 200-499, IES 200-499, MBI 200-499, PHY 200-499, ZOO 200-499.) One course may only count for one requirement.

Additional courses not in blocked semesters:

EDL 204	3	Sociocultural Studies in Education
EDP 201	3	Human Development and Learning in Social and Educational Contexts
FSW 481A	3	Adolescent Development in Diverse Families
or PHS 415		or Wellness Perspectives for Adolescents
(other choices are all Miami Plan courses: AMS 101, ATH 185, BWS 185, ENG 162, ENG 248, ENG 254, GEO 201, IDS 159, or WMS 201)		
EDP 440	1	Integrating Technology into Instruction
EDP 352	3	Inclusion of Children and Youth with Exceptionalities
EDT 442M	3	Phonics & Reading Improvement in Middle Grades (pre-req—EDT 346M)
EDT 448M	3	Reading Practicum for Middle Childhood (EDT 346 is pre-req & 442M is pre-req. or co-req)

Early Field Block --prerequisites: admission to the MCE cohort, EDP 201, 2.5 cum. gpa, and 30 cr. hrs. earned.

EDT 252M	3	Early Field Experience for Middle Childhood Education
EDT 246M	3	Foundations of Reading, Language & Literacy
EDL 318M	3	Teacher Leadership in Middle Childhood

Methods Block--prerequisites: admission to the MCE cohort, successful completion of all early field courses, speech/hearing test, evidence of computer competency by passing CSA 141 test (or successful completion of CSA 141), min. of 3 courses in each concentration, 64 credit hours, and 2.5 gpa--cumulative, in MCE core, and in each concentration.

EDT 441	3	Middle Childhood Science
EDT 429M	3	Methods for Middle Childhood Mathematics
EDT 311	3	Junior Field Experience and Praxis
EDT 346M	3	Reading Instruction in Middle Childhood
EDT 421M	2	Classroom Management
EDP 301M	3	Assessment and Evaluation in Educational Settings

Student Teaching (prerequisites: pass Praxis II, successfully complete all early field & methods courses, earn 96 credit hrs, earn 36 content hours, and earn minimum 2.5 gpa--cumulative, in MCE core, and in each concentration.)

EDT 419	15	Supervised Teaching
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