Curriculum Plan for Mathematics and Science
2004-2006 Catalog
Bachelor of Science in Middle Grades Education (6 – 9)
122 – 128 Credits

UNIVERSITY COLLEGE CORE REQUIREMENTS, 45 HRS
UNIV 110 or UNIV 101 & UNIV 102 ______ PHIL 110 CRITICAL THINKING ______
ENGL 110 ENGLISH COMP I ______ ENGL 120 ENGLISH COMP II ______
*MATH 123 COLLEGE ALGEBRA ______ *MATH ELECTIVE ______
NSCI 110 COMPREH PHYS SCI ______ +NSCI 120 MODERN BIOLOGY ______
HEED 112 HEALTH & WELLNESS OR PEDU ______ and PEDU ______
SPEE 200 INTRO TO SPEECH ______
HIST 110 WORLD HIST TO 1600 ______ HUMN 211 MUSI/ART/IDEAS I ______
Poli 210 PRIN OF AMER GOVT ______ HUMN 212 MUSI/ART/IDEAS II ______
HIST 211 THE US TO 1865 ______ PSYC 210 GENERAL PSYCHOLOGY ______
HIST 212 THE US SINCE 1865 ______
* Students with a second academic concentration in mathematics must complete MATH 131 and MATH 142.
* MATH 129 and MATH 130, with a grade of “C” or better in each, are equivalent to MATH 131.
+ Students with a second concentration in science must complete BIOL 150 in place of NSCI 120.

PROFESSIONAL EDUCATION COURSES, 23 HRS
EDUC 210 COMPUTERS IN EDUC ______ ∇ EDUC 211 LAB EXPER IN AREA SCH ______
EDUC 310 FOUNDATION OF EDUC ______ EDUC 330 EDUC PSYC AND MEAS ______
EDUC 340 HUMAN DEVELOPMENT ______ ∗∗EDUC 450 CLASSROOM MGMT ______
∗∗EDUC 470 STUDENT TEACHING ______ ∗∗EDUC 490 PROF EDUC SEMINAR ______
∇ To be taken in the sophomore year.
∗∗ These courses may not be taken until student is admitted to teacher education.

MIDDLE GRADES MAJOR CORE, 18 HRS
∗∗EDUC 400 THE MIDDLE SCHOOL ______ ENGL 301 ADOLESCENT LIT ______
SPED 320 EDUC OF EXCEP CHLD ______ ∗∗READ 320 TEACHING READING ______
∗∗EDUC 433/461/462/463 (choose 1) ______ ∗∗EDUC 433/461/462/463(choose 1) ______
∗∗ These courses may not be taken until student is admitted to teacher education.

Second Academic Concentrations

MATHEMATICS SECOND ACADEMIC CONCENTRATION, 20 HRS
*MATH 142 CALCULUS I ______ MATH 241 CALCULUS II ______
MATH 150 DISCRETE MATH ______ MATH 251 LINEAR ALGEBRA ______
STAT 202 BASIC PROB & STAT ______ MATH 262 MODERN GEOMETRY ______

*Course is a part of the University College Core

SCIENCE SECOND ACADEMIC CONCENTRATION, 19 HRS
ASTR 111/112 (choose 1) ASTRONOMY I or II ______ ∗BIOL 150 PRINCIPLES OF BIOLOGY ______
GEOL 311 INTRO TO GEOLOGY I ______ ZOOL 110 GENERAL ZOOLOGY ______
*NSCI 110 COMPREH PHYS SCI ______
*Course is a part of the University College Core