BACHELOR OF SCIENCE (BS) IN MIDDLE GRADES EDUCATION WITH CONCENTRATIONS IN MATHEMATICS AND SOCIAL STUDIES

Major Codes: 470 C, E (Teaching)
2015-2016

Department of Curriculum and Instruction   Dr. Laurie Ramirez, Coordinator
Reich College of Education   ramirezla@appstate.edu

I. General Education Requirements   44 SH
SPECIAL NOTE: Middle Grades Education majors should refer to page 3 of this Program of Study for important information for recommended General Education courses that can be taken and count in the major. Courses identified for Middle Grades Education majors on page 3 also meet the requirements for General Education. Students should contact their advisor or the Middle Grades Coordinator (identified above) for questions relating to General Education recommendations and requirements.

II. Professional Education Requirements   All courses must be completed with "C" (2.0) or better.   24 SH
C I 2300_____Teaching and Learning in the Digital Age (2)   *Entry course to teacher education. Required prior to admission to teacher education.*
FDN 2400 _____Critical Perspectives on Teaching and Learning (2)   *Required prior to admission to teacher education. Prerequisite or Co-requisite: CI 2300.*
PSY 3010_____Psychology Applied to Teaching (3)   *May be taken prior to or after admission to teacher education. Prerequisite or Co-requisite: C I 2300.*
SPE 3300_____Creating Inclusive Learning Communities (3)   *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
C I 3400_____Policies and Practices in Educational Assessment (2)   *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
C I 4900 _____ Student Teaching (12) (Graded on S/U basis*)   **(CAP)** *All courses in professional education core must be completed with grades of C (2.0) or better prior to student teaching, along with other courses (including methods and reading) identified within the major to be completed prior to student teaching and/or requiring C (2.0) or better.*

Praxis Exams :
PRAXIS I Pre-Professional Skills Tests: *CBT Reading _____ *CBT Writing_____ *PPST/CBT Mathematics _____
PRAXIS II: Subject Tests: Middle school Mathematics _____   **OR**   Middle School Social Studies_____

III. Major Requirements: 67 SH
                                                                                                                                    (-13 Gen Ed)

A.   Middle Grades Academic Concentrations: Mathematics, Social Studies
     (See listing of required courses on page 2 of this POS and meet with advisor.)

MATHEMATICS CONCENTRATION		**SOCIAL STUDIES CONCENTRATION**	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

B.   The following courses must be taken using the cohort model. Please note that all cohort internships and student teaching can be done only in schools that have been identified by ASU as professional development schools. (See following page for additional information).

Block I (Second Semester Junior year. Please note that this block is offered only during the spring term.)
** #+ CI 3900 Middle Grades Internship (3) (WID)
** #+ CI 3910 Middle Level Education (3)
**#+ CI 3920 Teaching Young Adolescents (3)
        Courses from academic concentrations

Block II (First Semester Senior Year. Please note that this block is offered only in the fall term.)
** #+ CI 4490 Middle Grades Curriculum, Instruction, and Assessment (4)
 ** #+ RE 4630 Reading in the Content Area (2)
** #+ CI/RE 4300 Literacy, Language, and Culture in the Middle Grades (3)
** #+CI 3060   Social Studies in the Middle Grades (3)
** #+CI 4040   Mathematics in the Middle Grades (3)

 #Cannot be taken before being admitted to Teacher Education
 *Should be taken before junior year (Pre-requisite to enter Teacher Education)
 +Must have "C" (2.0) or higher for COE
 **Must be taken before student teaching

C.   **CI 4450 Portfolio/Exhibition** (1) is to be taken during the student teaching semester.

IV, Second Academic Concentration Second academic concentration requirements are met upon successful
                                completion of middle grades content concentrations.

V.   Electives   6 SH

TOTAL   128 SH

MIDDLE GRADES CONCENTRATIONS

MATHEMATICS CONCENTRATION (24 SH)

MAT 1110 Calculus with Analytic Geometry I (4**) (Gen Ed: Quantitative Literacy)** (Prerequisite: MAT 1025, with a grade of "C-" or higher, or equivalent)

MAT 3910 Introduction to the Logic and Structure of Mathematics I (4) (Prerequisite: junior or senior standing or permission of the instructor)

MAT 3920 Introduction to the Logic and Structure of Mathematics II (4) (Prerequisite: MAT 3910 or permission of instructor)

CI 4040 Mathematics in the Middle Grades (3) **(Block Two, Fall only)**(Prerequisite: senior standing in mathematics or permission of the instructor)

Select at least one of the following courses:

STT 2810 Introduction to Data Analysis and Statistical Inference (3) (Prerequisite: MAT 1010 or equivalent)

MAT 4930 Basic Concepts of Probability and Statistics (3)

Select at least one of the following courses:

MAT 3610 Introduction to Geometry (3) (Prerequisites: MAT 1120 and MAT 2110)

MAT 4910 Informal Geometry (3) (Prerequisite: MAT 3910 or MAT 3920 or permission of the instructor)

Additional courses may be selected from the following list. Courses not listed may be taken with permission from your advisor.

MAT 1120 Calculus with Analytic Geometry II (4) (Prerequisite: MAT 1110 (with a grade of "C-" or higher)

MAT 2240 Introduction to Linear Algebra (3) (Prerequisite: MAT 1120 or permission of the instructor)

MAT 3010 History of Mathematics (2)

MAT 3110 Introduction to Modern Algebra (3)(Prerequisites: MAT 2110 and MAT 2240 or permission of instructor and ENG 2001 or its equivalent

MAT 3520 Instructional Assistance (1)

SOCIAL STUDIES CONCENTRATION (24 SH)

HIS 1200 American History (3**) (Gen Ed: Liberal Studies Experience-History)**

PS 1100 American National Gov. & Politics (3) **(Gen Ed: Liberal Studies Experience-Political Science)**

CI 3060 Social Studies in the Middle Grades (3) **(Block Two, Fall Only)**

GHY 1020 World Regional Geography (3) **(Gen Ed: Liberal Studies Experience-Geography)**

HIS 3728 History of North Carolina (3) **(Gen Ed: Liberal Studies Experience-History)**

African, and/or Asian and/or Latin American History (6) **(Gen Ed: Integrative Learning Experience-Las Americas, War and Peace, How We Know What We Know About the Past)**

European or world history (approval of advisor required) (3)