BACHELOR OF SCIENCE (BS) IN MIDDLE GRADES EDUCATION WITH
CONCENTRATIONS IN MATHEMATICS AND SOCIAL STUDIES
Major Codes: 470 C, E (Teaching)
2012-2013

Department of Curriculum and Instruction
Reich College of Education

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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: CI 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) 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 Academic Skill Assessments: *CBT Reading ___ *CBT Writing ___ *PPST/CBT Mathematics ___
PRAXIS II: Subject/Assessment Exam(s) ________

III. Major Requirements: 67 SH
(-13 Gen Ed)
A. Middle Grades Academic Concentrations: Select two: attached listing of courses 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)
** #+ 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: Historical and Social -- This American Life)**

PS 1100 American National Gov. & Politics (3) **(Gen Ed: Historical and Social -- This American Life)**

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

GHY 1020 World Regional Geography (3) **(Gen Ed: Local to Global – Global Resources)**

HIS 3728 History of North Carolina (3)

African, and/or Asian and/or Latin American History (6)

European or world history (approval of advisor required) (3)
**SPECIAL NOTE:** Middle Grads Education majors should follow this General Education Checksheet adapted by Middle Grads faculty with some designated courses for students taking Mathematics and Social Studies concentrations (see courses required for concentrations on page 2 of this Program of Study). Up to 13 SH can be double-counted for the major as identified on page 2. Students should contact their advisor or the Middle Grads Coordinator (identified on page 1) for questions relating to General Education recommendations and requirements.

**FIRST YEAR SEMINAR (required)**
- UCO 1200 or HON 1515 or WGC 1103 (3 s.h.)
- *UCO MET* (0 s.h.)

*applies to students who transfer at least 30 s.h. AND are at least one year out of high school. Students using this option will have 41 s.h. of General Education.

**WRITING ACROSS THE CURRICULUM (6 s.h. required)**
- ENG 1000 or LCC 1000 or WGC 1103
- ENG 2001 or WGC 2001

**MAJOR REQUIREMENTS**
- Junior Writing in the Discipline**
- Senior Capstone Experience **

*These hours count in the major requirements, not the 44 hours of General Education requirements.

**DESIGNATIONS in Perspectives (3 s.h. of each required):**
- Fine Arts (FA)
- Historical Studies (HS)
- Literary Studies (LS)

**PERSPECTIVES:** Choose one theme (underlined) from each of the following three Perspectives. Complete at least 6 semester hours in each of the themes and 9 semester hours in one of the themes (21 total s.h. required). Within the three Perspectives, you must have 3 s.h. in each of the three Designations: Fine Arts (FA), Historical Studies (HS), and Literary Studies (LS).

**AESTHETIC PERSPECTIVE (6-9 s.h. from one theme; with the exception of “Creation Expressions of Culture,” students must take courses from at least two disciplines in their chosen theme)**
- Analyzing Style and Form: ___ DAN 2010 (FA), ___ MUS 2111 (FA), ___ PHI 2013, ___ THR 2100 (FA)
- The Body: Expression, Presentation and Representation: ___ DAN 3430 (FA), ___ IDS 2210, ___ THR 3640 (FA)
- Creative Expressions of Culture: ___ WGC 2300-2399, ___ WGC 3300-3399 (Check online course listing for information on specific courses offered each semester.)
- Cultivating Creative Expression: ___ ART 2022 (FA), ___ MUS 2222 (FA), ___ THR 2202 (FA)
- Expressions of Belief: ___ ANT 2300, ___ COM 3315, ___ REL 2100 (LS), ___ REL 2200 (LS)
- How We Tell Stories: ___ ENG 2170, ___ IDS 3210, ___ LCC 2025 (LS), ___ PHI 1502, ___ REL 2100 (LS), ___ THR 2100 (FA), ___ THR 2100 (FA)
- Social Change Through the Arts: ___ ART 2019 (FA), ___ SOC 1100, ___ SOCI 1100 (Linked classes must be taken together) – Check online course listing for details, ___ MUS 2613 (FA)
- Traditions and Innovations: ___ ART 2130 (FA), ___ ENG 2050 (LS), ___ HIS 1110 (HS), ___ MUS 2611* (HS), ___ MUS 2612* (HS), ___ MUS 3611* (HS), ___ PHI 2013

**HISTORICAL AND SOCIAL PERSPECTIVE (6-9 s.h. from one theme; students must take courses from at least two disciplines in their chosen theme)**
- This American Life: ___ ECO 2030, ___ ENG 2350 (LS), ___ HIS 1200 (HS), ___ IDS 2000, ___ MUS 2014 (FA), ___ P 1100, ___ P 3722, ___ S W 2020

**LOCAL TO GLOBAL PERSPECTIVE (6-9 s.h. from one theme; with the exception of WGC 1104 in “Investigations Global,” students must take courses from at least two disciplines in their chosen theme)**
- Democracy and Personal Life: ___ COM 2112, ___ ENG 2130 (LS), ___ P 1200, ___ SOC 1110, ___ SOC 1530, ___ W 2600
- Empire, Colonialization, and Globalization: ___ ANT 1415, ___ ART 2130 (FA), ___ ENG 2040 (LS), ___ GLS 2000, ___ HIS 1400 (HS), ___ HIS/MSL 3823 (HS)
- Global Resources: ___ ECO 2620, ___ GHY 1020, ___ IDS 3010, ___ NUT 2351, ___ TEC 2601
- Identity, Culture and Media: ___ ART 2011 (FA), ___ COM 3531, ___ ENG 2170, ___ MUS 2018 (FA), ___ MUS 2615 (FA), ___ MUS 2616 (FA), ___ PHI 1503

*These courses are offered in alternate years.

**STUDY OPTIONS:**
- Quantitative Literacy (4 s.h. required)
  - MAT 1010
  - MAT 1030
  - C S 1445
  - STT 2810**
  - MAT 1020
  - MAT 1110
  - ECO 2100***
  - STT 3820***

**Wellness Literacy (2 s.h. required)**
- Choose from the following:
  - 1 s.h. courses: ___ P E 1530-1545, ___ P E 1700-1877
  - 2 s.h. courses: ___ H P 1105, ___ HED 1000, ___ DAN 1400, ___ DAN 1400
  - ___ DAN 1420, ___ DAN 2400, ___ DAN 2410, ___ DAN 2420
  - ___ DAN 3280, ___ DAN 3480, ___ DAN 3580, ___ MSL 1101
  - 3 s.h. courses (additional hour counts as elective): ___ DAN 4460, ___ NUT 2202
  - ___ P E 1718, ___ P E 1768, ___ P E 1769, ___ P E 3008

**The Science Inquiry Perspective** requires 8 semester hours from one theme (underlined). Courses in themes marked with an * must be taken sequentially. Check the course descriptions for any pre and co-requisites. *italicized courses appear in multiple themes; however, courses may only be applied to one theme.*