BACHELOR OF SCIENCE (BS) IN MIDDLE GRADES EDUCATION WITH
CONCENTRATIONS IN LANGUAGE ARTS AND MATHEMATICS
Major Codes: 470 B, C (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 1 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.
   CI 3400 Policies and Practices in Educational Assessment (2)   Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.
   CI 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: Language Arts, Mathematics.
      (See listing of required courses on page 2 of this POS and meet with advisor.)

   LANGUAGE ARTS CONCENTRATION          MATHEMATICS 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.

   Block I (Second Semester Junior year. Please note that this block is offered only during the SPRING SEMESTER.)
   **#+ 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 SEMESTER.)
   **#+ 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 4040 Mathematics in the Middle Grades (3)
   **#+ GS 4403 Teaching Science in the Middle and High Schools (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 Required SH  128 SH

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MIDDLE GRADES CONCENTRATIONS

LANGUAGE ARTS CONCENTRATION (24 SH)

ENG 2001 Introduction to Writing Across the Curriculum (3) (Gen Ed: Writing Across the Curriculum) (Prerequisites: 30 SH, including ENG 1000 and UCO 1200)

ENG 2030 World Literature (3) (Gen Ed: Local to Global -- Origins and Migrations)

OR

ENG 2040 World Literature (3) (Gen Ed: Local to Global -- Empire, Colonialism, Globalization)

ENG 2350 Studies in American Literature (3) (Gen Ed: Historical & Social -- This American Life) (Prerequisite: ENG 1000)

ENG 3300 Applied Grammar (3)

ENG 3580 Teaching Composition: Theory, Practice and Pedagogy (3) (Prerequisites: ENG 2001 or its equivalent and ENG 3300)

ENG 4560 Adolescent Literature (3)

RE 3070 Media for Young People (3) (Spring Only)

RE 3150 Language Arts in the Middle Grades (3) (Block Two, Fall Only)

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)
SPECIAL NOTE: Middle Grades Education majors should follow this General Education Checksheet adapted by Middle Grades faculty with some designated courses for students taking Language Arts and Mathematics 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 Grades Coordinator (identified on page 1) for questions relating to General Education recommendations and requirements.

FIRST YEAR SEMINAR (required)

1. UCO 1200 or HON 1515 or WGC 1103 (3 s.h.)
2. ____ 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)

1. ENG 1000 or LLC 1000 or WGC 1103
2. __ENG 2001 or WGC 2001

MAJOR REQUIREMENTS

1. Junior Writing in the Discipline**
2. Senior Capstone Experience **

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).

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

**Senior Capstone Experience: 
- ____ Senior Capstone Experience **
- ____ Junior Writing in the Discipline**

The SCIENCE INQUIRY PERSPECTIVE requires 8 semester hours from one theme. 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.

**Senior Capstone Experience**

**Junior Writing in the Discipline**

**Fine Arts (FA), Historical Studies (HS), Literary Studies (LS)**

**Designations in Perspectives**

**Fine Arts (FA), Historical Studies (HS), Literary Studies (LS)**

**Quantitative Literacy (4 s.h. required)**

1. ____ MAT 1010
2. ____ MAT 1030
3. ____ ENG 1445
4. ____ STT 2810***
5. ____ MAT 1020
6. ____ MAT 1110
7. ____ ECO 2100***
8. ____ STT 3820***
9. ____ MAT 1025
10. ____ STT 2820
11. ____ STT 1810***

**Wellness Literacy (2 s.h. required):** Choose from the following:

1. 1 s.h. courses: ___ P E 1530-1545, ___ P E 1700-1787
2. 2 s.h. courses: ___ H P 1105, ___ HED 1000, ___ DAN 1400, ___ DAN 1400
3. ___ DAN 1420, ___ DAN 2400, ___ DAN 2410, ___ DAN 2420
4. ___ UCO 3280, ___ UCO 3480, ___ DAN 3580, ___ MSL 1101
5. 3 s.h. courses (additional hour counts as elective): ___ UCO 4460, ___ UCO 2202
6. ___ P E 1718, ___ P E 1768, ___ P E 1769, ___ P E 3008

**Designations in Perspectives**

**Fine Arts (FA), Historical Studies (HS), Literary Studies (LS)**

**Aesthetic Perspective (6-9 s.h. from one theme; with the exception of “Creative Expressions of Culture,” students must take courses from at least two disciplines in their chosen theme)**

- Analyzing Style and Form: ____ DAN 2010 (FA), ____ MUS 2011 (FA), ____ PHL 2013, ____ THR 2010 (FA)
- The Body: Expression, Presentation and Representation: ____ DAN 3430 (FA), ____ IDS 2210, ____ THR 3640 (FA)
- The Environment: ___ 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 2022 (FA), ____ THR 2022 (FA)
- Expressions of Belief: ____ ANT 2300, ____ COM 3315, ____ REL 2010 (LS), ____ REL 2020 (LS)
- How We Tell Stories: ____ ENG 2170, ____ IDS 3210, ____ LL 2025 (LS), ____ PHL 1502, ____ REL 2020 (LS), ____ THR 2005 (FA), ____ THR 2610 (FA)
- Shaping the Human Environment: ____ COM 3531, ____ FCS 1000, ____ IND 2012
- Social Change Through the Arts: ____ ANT 2019 (FA)/SOC 1100, ____ THR 2017 (FA)/SOC 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), ____ PHL 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: ____ ENG 2350 (LS), ____ HIS 1200 (HS), ____ P S 1100, ____ P S 3722

**Local to Global Perspective (6-9 s.h. from one theme; students must take courses from at least two disciplines in their chosen theme)**

- Empire, Colonialism, and Globalization: ____ ANT 1415, ____ ART 2130 (FA), ____ ENG 2040 (LS), ____ GLS 2000, ____ HIS 1400 (HS), ____ HIS/MSL 3823 (HS)
- Origins and Migrations: ____ ENG 2030 (LS), ____ FCS 2103, ____ GLS 2000, ____ HIS 1600 (HS)

**The Science Inquiry Perspective (8 s.h. from one theme)**

- Biology and Society: ____ BIO 1101, ____ BIO 1102
- The Blue Planet: ____ GLY 1104, ____ GLY 1105
- Chemistry Connections to Our Changing World: ____ CHE 1101/1102, ____ CHE 1102
- Global Environmental Change: ____ BIO 1103, ____ GHL 1011, ____ GHL 1012, ____ GLY 1104
- How Things Work: ____ PHY 1101, ____ PHY 1102
- Life, Earth, and Evolution: ____ ANT 1430, ____ BIO 1102, ____ GLY 1102
- Physics of Our Technological World: ____ PHY 1103, ____ PHY 1104
- Physics of Self Expression: ____ PHY 1101, ____ PHY 1810, ____ PHY 1812, ____ PHY 1814
- Physics with Calculus: ____ PHY 1105, ____ PHY 1151
- Restless Planet: Earth, Environment and Evolution: ____ GLY 1101, ____ GLY 1102, ____ GLY 1103
- Voyages Through the Cosmos: ____ AST 1001, ____ AST 1002

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