## Middle Grades Education

### Mathematics and Social Studies Concentrations

**http://generaleducation.appstate.edu**

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<th>NAME ________________________________________________</th>
<th>MAJOR ________________________________________________</th>
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**FIRST YEAR SEMINAR (3 s.h. required)**
- UCO 1200 or HON 1515 or WGC 1103

**WRITING ACROSS THE CURRICULUM (6 s.h. required)**
- English 1000 or FL 1000 or WGC 1103
- English 2001 or WGC 2202 or WGC 2205

**MAJOR REQUIREMENTS**
- Junior writing in the discipline *
- Senior capstone experience *

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

**DESIGNATIONS**
- Fine Arts, Historical Studies, Literary Studies

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**SCIENCE INQUIRY PERSPECTIVE (8 s.h. from one theme) *Must be taken sequentially.***

- Biology and Society: ___BIO 1101, ___BIO 1102
- Chemistry Connections to Our Changing World: ____CHE 1101/ CHE 1110, ____CHE 1102/ CHE 1120
- Contemporary Science: ____GSP 1010, ____GSC 1020, ____GSG 1030, ____GBS 1040
- Global Environmental Change: ____BIO 1103, ____GHY 1011, ____GHY 1012, ____GLY 1104
- How Things Work: _____PHY 1101, ____PHY 1102
- Life, Earth and Evolution: ____BIO 102, ____ANT 1430, ____GLY 1102
- Physics of Self Expression: ____PHY 1101/ ____PHY 1810, ____PHY 1812, ____PHY 1814
- Physics with Calculus: ____PHY 1150, ____PHY 1151
- Restless Planet: Earth, Environment and Evolution: ____GLY 1101, ____GLY 1102, ____GLY 1103
- The Blue Planet: ____GLY 1104, ____GLY 1105
- The Physics of Our Technological World: ____PHY 1103, ____PHY 1104
- Voyages Through the Cosmos: ____AST 1001, ____AST 1002

**AESTHETIC PERSPECTIVE (6-9 s.h. from one theme; students must take courses from at least two disciplines in the 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, ____IDS 2210, ____THR 3460 (FA)
- Creative Expressions of Culture: ____WGC 2300-2399, ____WGC 3300-3399 *(Priority given to Watauga Global Community students.)*

- Cultivating Creative Expression: ____ART 2202 (FA), ____MUS 2022 (FA), ____THR 2022 (FA)
- Expressions of Belief: ____ANT 2300, ____COM 3533, ____REL 2020 (LS)
- How We Tell Stories: ____ENG 2170, ____FL 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: ____ART 3534 (FA)/SOC 1100 **(Linked classes)**
- Traditions and Innovations: ____ART 2130 (FA), ____ENG 2050 (LS), ____HIS 1110 (HS), ____MUS 2611** (HS), ____MUS 2612** (HS), ____MUS 3611** (HS), ____PBL 2013 **(These courses are 2 semester hours.)*

**HISTORICAL AND SOCIAL Perspective (6-9 s.h.)**

- This American Life: ____HIS 1200 (HS), ____PS 1100, ____ and one of the following if you plan to take 9 hours in this perspective: ____ENG 2350 (LS), ____EOO 2130, ____PS 3722

**LOCAL TO GLOBAL PERSPECTIVE (6-9 s.h. from one theme; students may take only one course from a department per theme)**

- Empire, Colonialism, and Globalization: ____ANT 1415, ____ART 2130 (FA), ____ENG 2040 (LS), ____GLS 2000, ____HIS 1400 (HS)
- Global Resources: ____EC 3620, ____FCS 2351, ____GHY 1020, ____TEC 3601
- Identity, Culture and Media: ____PHL 1503, ____ENG 2170, ____COM 3300, ____ART 2011 (FA)
- Origins and Migrations: ____HIS 1600 (HS), ____GLS 2000, ____FCS 2103, ____ENG 2030 (LS)
- Performance of Culture: ____DAN 2020, ____THR 2020, ____FL 1050, ____MUS 2018 (FA), ____COM 3124
- Regions in Global Context: ____HIS 1130 (HS), ____ENG 2040 (LS), ____GHY 1020, ____FL 1050
- Sustainability and Global Change: ____SD 2400, ____PHL 2015, ____PS 1830, ____FCS 2110, ____TEC 2029

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Note: MAT 1110 Calculus with Analytic Geometry will also count toward the middle grades mathematics concentration.
I. General Education Requirements 44 S.H.

II. Professional Education Requirements All courses must be completed with “C” (2.0) or better. 24 S.H.

   CI 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 I Academic Skills Assessments: PPST Reading _____ PPST Writing _____ PPST Mathematics ______
   PRAXIS II Subject/Assessment Exams (s): __________

III. Major Requirements 50-57 S.H.

A. Middle Grades Academic Concentrations: Select two: Language Arts, Mathematics, Science, Social Science. See attached listing of courses and meet with advisor.

   CONCENTRATION 1
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   CONCENTRATION 2
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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).

   All courses in BLOCK I AND BLOCK II require admission to teacher education, require "C" (2.0) or better in each, and must be successfully completed prior to student teaching.

   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)

   Select two, depending on concentrations:
   ────CI 3060 Social Studies in the Middle Grades (3)
   ────CI 4040 Mathematics in the Middle Grades (3)
   ────RE 3150 Language Arts in the Middle Grades (3)
   ────GS 4403 Teaching Science in the Middle and High Schools (3)

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

V. Electives 3-10 S.H.

VI. Total Hours in Program 128 S.H.
COHORT PLANNING INFORMATION

Courses in the blocks cannot be taken before being accepted into the Reich College of Education and all courses in blocks must be successfully passed with a grade of at least a “C” before student teaching.

### Block One (Offered in spring term only)

- CI 3900 Middle Grades Internship (3)
- CI 3910 Middle Level Education (3)
- CI 3920 Teaching Young Adolescents (3)
- Courses from academic concentrations

### Block Two (Offered in fall term only)

- 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)

Select two, depending on concentrations:

- CI 3060 Social Studies in the Middle Grades (3)
- CI 4040 Mathematics in the Middle Grades (3)
- RE 3150 Language Arts in the Middle Grades (3)
- GS 4403 Teaching Science in the Middle and High Schools (3)

### Block Three (Spring semester of senior year)

- CI 4450 Portfolio/Exhibition (1)
- CI 4900 Student Teaching (12)

GOALS AND OBJECTIVES
MIDDLE GRADES EDUCATION (6-9)
Bachelor of Science

Middle Grades Majors:
- Are knowledgeable about young adolescents and aware of the educational implications of that knowledge.
- Are knowledgeable in two subject areas.
- Have specialized skills and knowledge regarding appropriate teaching strategies for middle grades students.
- Have a clear, working knowledge of the concept of developmentally responsive models of middle level schooling.
Mathematics and Social Studies Concentrations

Mathematics Concentration (24)

- MAT 1110 Calculus with Analytic Geometry, Quantitative Literacy (4)
- MAT 3910 Introduction to the Logic and Structure of Mathematics I (4)
- MAT 3920 Introduction to the Logic and Structure of Mathematics II (4)
- CI 4040 Mathematics in the Middle Grades (3) (Block Two, Fall only)

Select at least one of the following courses:

- STT 2810 Introduction to Data Analysis and Statistical Inference (3)
- MAT 4930 Basic Concepts of Probability and Statistics (3)

Select at least one of the following courses:

- MAT 3610 Introduction to Geometry (MAT 1120 prerequisite) (3)
- MAT 4910 Informal Geometry (3)

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)
- MAT 2240 Introduction to Linear Algebra (3)
- MAT 3010 History of Mathematics (2)
- MAT 3110 Introduction to Modern Algebra (3)
- MAT 3520 Instructional Assistance (1)

Social Studies Concentration (24)

- HIS 1200 American History (3), Historical and Social: This American Life
- PS 1100 American National Gov. & Politics (3), 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)
- 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)