### Middle Grades Education

#### Mathematics and Social Studies Concentrations

http://generaleducation.appstate.edu

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### NAME

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<table>
<thead>
<tr>
<th>FIRST YEAR SEMINAR (3 s.h. required)</th>
<th>QUANTITATIVE LITERACY (4 s.h. required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>___UCO 1200 or HON 1515 or WGC 1103</td>
<td>___MAT 1010 ___MAT 1030 ___STT 1810 **</td>
</tr>
<tr>
<td>___MAT 1020 ___MAT 1110 ___STT 2810 **</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>WRITING ACROSS THE CURRICULUM (6 s.h. required)</th>
<th>Major Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1000 or FL 1000 or WGC 1103</td>
<td>Junior writing in the discipline *</td>
</tr>
<tr>
<td>English 2001 or WGC 2202 or WGC 2205</td>
<td>Senior capstone experience *</td>
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</tbody>
</table>

(** These STT courses are 3 s.h. courses and do NOT fulfill the Quantitative Literacy requirement on their own. All of the MAT courses listed above, as well as STT 2820, are 4 s.h. courses and therefore will fulfill the Quantitative Literacy requirement.)

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### 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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### PERSPECTIVES: Choose one theme from each perspective. You must choose an 8 hour theme from the science perspective, two 6 hour themes and one 9 hour theme from each of the remaining perspectives (29 s.h. required). **Italicized courses appear in multiple themes; however, courses may not be applied to more than one theme. Students must select one course with a fine arts (FA) designation, one course with a historical studies (HS) designation, and one course with a literary studies (LS) designation.**

#### SCIENCE INQUIRY PERSPECTIVE (8 s.h. from one theme) *Must be taken sequentially. Be sure to check all courses for prerequisites.*

- Biology and Society: ___BIO 1110, ___BIO 1102
- Chemistry Connections to Our Changing World: ___CHE 1101/ CHE 1100, ___CHE 1102/ CHE 1120
- Contemporary Science: ___GSP 1010, ___GSC 1020, ___GSG 1030, ___GSB 1040
- Global Environmental Change: ___BIO 1103, ___GHY 1011, ___GHY 1012, ___GLY 1104
- How Things Work: ___PHY 1101, ___PHY 1102
- Life, Earth, and Evolution: ___ANT 1430, ___BIO 1110, ___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

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### 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)
- Cultivating Creative Expression: ___ART 2022 (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)
- Social Change Through the Arts: ___ART 3534 (FA)/SOC 1100, ___THR 2017/SOC 1100 (linked classes)
- The Body: Expression, Presentation and Representation: ___DAN 3430, ___IDS 2210, ___THR 3640 (FA)
- Traditions and Innovations: ___ART 2130 (FA), ___ENG 2050 (LS), ___HIS 1110 (HS), ___PHL 2013

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### 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: ___ECO 230, ___ECO 2350 (LS), ___PS 3722

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### LOCAL TO GLOBAL PERSPECTIVE (6-9 s.h. from one theme; students must take courses from at least two disciplines in the chosen theme)

- Empire, Colonialism, and Globalization: ___ANT 1415, ___ART 2130 (FA), ___ENG 2040 (LS), ___GLS 2000, ___HIS 1400 (HS)
- Global Resources: ___ECO 3620, ___FCS 2351, ___GHY 1020, ___TEC 3601
- Identity, Culture and Media: ___ART 2011 (FA), ___ENG 2170, ___COM 3531, ___PHL 1503
- Origins and Migrations: ___ENG 2030 (LS), ___FCS 2103, ___GLS 2000, ___HIS 1600 (HS)
- Performance of Culture: ___COM 3535, ___DAN 2020, ___FL 1050 (CHN/FRE/GER/JPN/RUS/SNH), ___MUS 2018 (FA), ___THR 2020
- Regions in Global Context: ___ENG 2040 (LS), ___FL 1050 (CHN/FRE/GER/JPN/RUS/SNH), ___GHY 1020, ___HIS 1130 (HS)
- Sustainability and Global Change: ___FCS 2110, ___PHL 2015, ___PHY 1830, ___SD 2400, ___TEC 2029
I. General Education Requirements

II. Professional Education Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
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<tbody>
<tr>
<td>#+ CI 3900 Middle Grades Internship (3) WID</td>
<td></td>
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<tr>
<td>#+ CI 3910 Middle Level Education (3)</td>
<td></td>
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<tr>
<td>#+ CI 3920 Teaching Young Adolescents (3)</td>
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* $PSY 3000 ___(3) + CI 4900 ___(12) (CAP) + **CI/SP 2800 ___(3)
+ **CI/FDN/RE 3850 ___(3)
+ **FDN 3800 ___(3)
+ ** CI 4450 ___(1)

Proficiencies:

* Reading ___
* English ___
* Speech ___

NTE Exam

PRAXIS I: Academic Skill Assessments.

*PPST/CTB Reading ___
*PPST/CTB Writing ___
*PPST/CTB Mathematics ___

PRAXIS II:

Subject/Assessment Exam(s) ___

III. Major Requirements:

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

<table>
<thead>
<tr>
<th>CONCENTRATION 1</th>
<th>CONCENTRATION 2</th>
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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).

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)

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)

#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
$Must have "B" (3.0) or higher for Middle Grades

C. Second Academic Concentration (Second academic concentration requirements are met upon successful completion of middle grades content concentrations).

IV. Electives

3-10 S.H.

TOTAL

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.

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<th>Block Three (Spring semester of senior year)</th>
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<tr>
<td>CI 4450 Portfolio/Exhibition (1)</td>
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<td>CI 4900 Student Teaching (12) (CAP)</td>
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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 (4), Quantitative Literacy
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)