

University Council Athens, Georgia 30602

August 15, 2012

#### <u>UNIVERSITY CURRICULUM COMMITTEE - 2012-2013</u>

Mr. David E. Shipley, Chair

Agricultural and Environmental Sciences - Dr. T. Dean Pringle

Arts and Sciences - Dr. Roxanne Eberle (Arts)

Dr. Rodney Mauricio (Sciences)

Business - Dr. William D. Lastrapes

Ecology - Dr. James W. Porter

Education - Dr. William G. Wraga

Engineering - Dr. Timothy L. Foutz

Environment and Design - Mr. David Spooner

Family and Consumer Sciences - Dr. Leslie Gordon Simons

Forestry and Natural Resources - Dr. Sarah F. Covert

Journalism and Mass Communication - Dr. Alison F. Alexander

Law - No representative

Pharmacy - Dr. Keith N. Herist

Public and International Affairs - Dr. Robert Grafstein

Public Health - Dr. Marsha C. Black

Social Work - Dr. Stacey R. Kolomer

Veterinary Medicine - Dr. K. Paige Carmichael

Graduate School - Dr. Tracie E. Costantino

Undergraduate Student Representative

Graduate Student Representative

#### Dear Colleagues:

The attached proposal for the following new Areas of Emphasis under the major in Middle School Education (B.S.Ed.) will be an agenda item for the August 22, 2012, Full University Curriculum Committee meeting:

Area of Emphasis in Science and Language Arts Area of Emphasis in Social Studies and Science Area of Emphasis in Social Studies and Language Arts Area of Emphasis in Mathematics and Language Arts Area of Emphasis in Mathematics and Social Studies Area of Emphasis in Mathematics and Science

Sincerely,

David E. Shipley, Chair

University Curriculum Committee

cc: Provost Jere W. Morehead

Dr. Laura D. Jolly

Executive Committee, Benefits Committee, Committee on Facilities, Committee on Intercollegiate Athletics, Committee on Statutes, Bylaws, and Committees, Committee on Student Affairs, Curriculum Committee, Educational Affairs Committee, Faculty Admissions Committee, Faculty Affairs Committee, Faculty Grievance Committee, Faculty Post-Tenure Review Appeals Committee,

Faculty/ Staff Parking Appeals Committee, Strategic Planning Committee, University Libraries Committee, University Promotion and Tenure Appeals Committee
An Equal Opportunity/Affirmative Action Institution

College:	College	of Ec	lucation
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Department: Elementary and Social Studies Education

Major: Middle School Education (Undergraduate with Teacher Certification)

Area of Emphasis Title: Science and Language Arts

Proposed Starting Date: August 2012

Area of Emphasis Description: Please see the attached proposed program of study for lists of possible courses. The area of emphasis requires a minimum of 12 credit hours each in both science and language arts. Residency requirements are not part of the area of emphasis but are part of the overall middle school education program. Students must maintain a 2.8 GPA and a minimum grade of "C" in all courses in the area of emphasis.

Department Head Department	7-27-2012 Date
School/College Curriculum Committee Chair	Date
Dean of Graduate School	Date
University Curriculum Committee Chair	Date

Student	Specialization Areas:
	Language Arts & Science
810#	

Advisor Check	Hours	Core Courses	Recommendation/Information
		Area I	Foundation Courses (9 hours)
	3 3 3	ENGL 1101 ENGL 1102 MATH	English Composition I English Composition II MATH 1101 or 1113 or 2200 or 2250
		Area II	Sciences (7-8 hours) See UGA core requirements for Area II
	3 or 4 3 or 4		Physical Sciences (3-4 hours) Life Sciences (3-4 hours) BIOL 1103 & 1103L or BIOL 1107 & 1107L preferred At least one of the science courses must include a laboratory
		Area III	Quantitative Reasoning (3-4 hours) See UGA core requirements for Area III
	3 or 4		
	-	Area IV	Humanities/Fine Arts (12 hours) See UGA core requirements for Area IV
	3 3 3		World Languages and Culture (9 hours)
	3		Humanities and the Arts (3 hours)
		Area V	Social Sciences (9 hours) See UGA core requirements for Area V
	3 3 3		Students who have not met the Georgia and U.S. Constitution requirement by examination must enroll in POLS 1101. Students who have not met the Georgia and U.S. History requirement by examination must enroll in HIST 2111 or 2112.
		Area VI	Courses related to major (18 hours) Minimum grade of C required
	3 3 3 3	EDUC(EFND) 2110 EDUC(EPSY) 2130 EDUC(EFND) 2120 ENGL/CMLT	Investigating Critical and Contemporary Issues in Education Exploring Learning and Teaching Exploring Socio-Cultural Perspectives on Diversity Language Arts – Choose one ENGL or CMLT 2000- level course
	3		Science -BIOL 1103 & 1103L, BIOL 1104 & 1104L, BIOL 1107 & 1107L, CHEM 1110 & 1110L, ASTR 1010 & 1010L, ASTR 1020 & 1020L or GEOG 1112 & 1112L. Lab required to complete required content hours in science Choose one course from BIOL 1104, BIOL 1107, CHEM 1110, ASTR 1010,
	3		ASTR 1020, or GEOG 1112, or a ENGL/CMLT 2000-level course
	0-2	Electives	General Electives if needed to reach 60 hours (may not count PEDB courses)
_		PEDB	Basic physical education

Advisor Check	Hours	Professional Courses	Information
	3	SPED 2000 or SPED 4030/6030	Survey of Special Education or Inclusion of Students with Special Needs: Grades 6-12
			FALL (1)
	3 3 3 3 4 3	EDMS 5020 EDMS 5020L LLED 5220 ENGL PBIO 2010-2010L ESCI 4430	Educating Young Adolescents Educating Young Adolescents Lab (Field Experience) Writing Pedagogy, Grades 4-8 ENGL 3000- level or above Life Sciences for Middle School Teachers Science Curriculum for the Middle Grades
			SPRING (1)
	3 3 3 4 3	LLED 3530 LLED 5210 ————————————————————————————————————	Content Area Literacies for Middle School Children's Literature and Oral Language, Grades 4-8 Language Arts Elective – 3000-level or above course from CLAS, CMLT, DRAM, ENGL, JOUR, LING, COMM, LLED Physical Science for Teachers Science Teaching Methods in the Middle Grades
			FALL (2)
	3 3 3	EDMS 5030 EDMS 5030L	The Middle School Curriculum The Middle School Curriculum Lab (Field Experience) Language Arts Elective – Any level from CLAS, CMLT, DRAM, ENGL, JOUR, LING, COMM, LLED Choose from GEOL 4750/6750, Earth Sciences for Middle School Teachers or a Language Arts Elective from CLAS, CMLT, DRAM, ENGL, JOUR, LING, COMM, LLED Science Lab taken with Area VI requirement
			SPRING (2)
	15 3	EDMS 5460 EDMS 5040	Student Teaching Teaching in the Middle School

Graduation & Program Requirements
Regents Reading Regents Essay Environmental Literacy Georgia and U.S. History
Georgia and U.S. Constitution Background Check(1) (2) GACE Basic Skills GACE
NOTE: Students must have a grade of at least C in all education, professional and specialization courses

**Language Arts Electives** – Choose elective from CLAS 1000 or above, CMLT 3000 or above, THEA 2000 or above, ENGL 3000 or above, JOUR 2000 or above, LING 2000 or above or COMM 1000 or above or LLED.

College: College of Education

Department: Elementary and Social Studies Education

Major: Middle School Education (Undergraduate with Teacher Certification)

Area of Emphasis Title: Social Studies and Science

Proposed Starting Date: August 2012

Area of Emphasis Description: Please see the attached proposed program of study for lists of possible courses. The area of emphasis requires a minimum of 12 credit hours each in both social studies and science. Residency requirements are not part of the area of emphasis but are part of the overall middle school education program. Students must maintain a 2.8 GPA and a minimum grade of "C" in all courses in the area of emphasis.

But Busileson Department Head Department	7-27-2012 Date
School/College Curriculum Committee Chair	7 30 12 Date
Dean of Graduate School	Date
University Curriculum Committee Chair	Dete

Student	Specialization Areas:
	Science & Social Studies
810#	

Advisor Check	Hours	Core Courses	
		Area I	Foundation Courses (9 hours)
	3 3 3	ENGL 1101 ENGL 1102 MATH	English Composition I English Composition II MATH 1101 or 1113 or 2200 or 2250
		Area II	Sciences (7-8 hours) See UGA core requirements for Area II
	3 or 4 3 or 4		Physical Sciences (3-4 hours) Life Sciences (3-4 hours) BIOL 1103 & 1103L or BIOL 1107 & 1107L preferred At least one of the science courses must include a laboratory
		Area III	Quantitative Reasoning (3-4 hours) See UGA core requirements for Area III
	3 or 4		
		Area IV	Humanities/Fine Arts (12 hours) See UGA core requirements for Area IV
	3 3 3		World Languages and Culture (9 hours)  Humanities and the Arts (3 hours)
		Area V	Social Sciences (9 hours) See UGA core requirements for Area V
	3 3 3		Students who have not met the Georgia and U.S. Constitution requirement by examination must enroll in POLS 1101. Students who have not met the Georgia and U.S. History requirement by examination must enroll in HIST 2111 or 2112.
		Area VI	Courses related to major (18 hours) Minimum grade of C required
	3 3 3 3	EDUC(EFND) 2110 EDUC(EPSY) 2130 EDUC(EFND) 2120	Investigating Critical and Contemporary Issues in Education Exploring Learning and Teaching Exploring Socio-Cultural Perspectives on Diversity Social Studies - Choose one course from HIST 2000-level, ECON 2000-level or GEOG 1101 or GEOG 1103
	3		Science -BIOL 1103 & 1103L, BIOL 1104 & 1104L, BIOL 1107 & 1107L, CHEM 1110 & 1110L, ASTR 1010 & 1010L, ASTR 1020 & 1020L or GEOG 1112 & 1112L. Lab required to complete required content hours in science.
	3		Choose one course from BIOL 1104, BIOL 1107, CHEM 1110, ASTR 1010, ASTR 1020, or GEOG 1112, or one course from HIST 2000-level, ECON 2000-level or GEOG 1101 or GEOG 1103
	0-2	Electives	General Electives if needed to reach 60 hours (may not count PEDB courses)
	1	PEDB	Basic physical education

Advisor Check	Hours	Professional Courses	
	3	SPED 2000 or SPED 4030/6030	Survey of Special Education or Inclusion of Students with Special Needs: Grades 6-12
			FALL (1)
	3 3 3 3 4 3	EDMS 5020 EDMS 5020L ESOC 4400/6400 PBIO 2010-2010L ESCI 4430	Educating Young Adolescents Educating Young Adolescents Lab (Field Experience) Teaching Social Studies in the Middle Grades Social Studies Elective – 3000 level or above course from approved list Life Sciences for Middle School Teachers Science Curriculum for the Middle School
			SPRING (1)
	3 3 3 4 3	LLED 3530  CHEM 1060-1060L  ESCI 4440	Content Area Literacies for Middle School Social Studies Elective – 3000-level or above course from approved list Social Studies Elective – Any level course from approved list or ESOC course Physical Science for Teachers Science Teaching Methods in the Middle Grades
			FALL (2)
	3 3 3 3	EDMS 5030 EDMS 5030L	The Middle School Curriculum The Middle School Curriculum Lab (Field Experience) Social Studies Elective – Any course from approved list or ESOC course Choose from GEOL 4750/6750, Earth Sciences for Middle School Teachers or a Social Studies Elective from approved list Science Lab taken with Area VI requirement
			SPRING (2)
	15 3	EDMS 5460 EDMS 5040	Student Teaching Teaching in the Middle School

Graduation & Program Requirements
Regents Reading Regents Essay Environmental Literacy Georgia and U.S. History
Georgia and U.S. Constitution Background Check(1) (2) GACE Basic Skills GACE
NOTE: Students must have a grade of at least C in all education, professional and specialization courses

 $\begin{array}{l} \textbf{Social Studies Electives} \text{ -} Approved \ list of \ Middle \ School \ Social \ Studies \ Teaching \ Electives \ available \ from \ Middle \ School \ education \ advisor. \\ \hline \textbf{ESOC optional electives} - \textbf{ESOC(HIST)} \ 4150/6150, \ \textbf{ESOC} \ 5010/7010, \ \textbf{ESOC} \ 5520/7520 \\ \end{array}$ 

Department: Elementary and Social Studies Education
Major: Middle School Education (Undergraduate with Teacher Certification)
Area of Emphasis Title: Social Studies and Language Arts
Proposed Starting Date: August 2012

College: College of Education

Area of Emphasis Description: Please see the attached proposed program of study for lists of possible courses. The area of emphasis requires a minimum of 12 credit hours each in both social studies and language arts. Residency requirements are not part of the area of emphasis but are part of the overall middle school education program. Students must maintain a 2.8 GPA and a minimum grade of "C" in all courses in the area of emphasis.

Department Hoad Department	7-27-2 0/2 Date
School/College Curriculum Committee Chair	Date
Dean of Graduate School	Date
University Curriculum Committee Chair	Date

Student	Specialization Areas:
	Language Arts & Social Studies
810#	

Advisor Check	Hours	Core Courses	Recommendation/Information
		Area I	Foundation Courses (9 hours)
	3 3 3	ENGL 1101 ENGL 1102 MATH	English Composition I English Composition II MATH 1101 or 1113 or 2200 or 2250
		Area II	Sciences (7-8 hours) See UGA core requirements for Area II
	3 or 4 3 or 4		Physical Sciences (3-4 hours) Life Sciences (3-4 hours) At least one of the science courses must include a laboratory
		Area III	Quantitative Reasoning (3-4 hours) See UGA core requirements for Area III
	3 or 4		
		Area IV	Humanities/Fine Arts (12 hours) See UGA core requirements for Area IV
	3 3 3		World Languages and Culture (9 hours)
	3		Humanities and the Arts (3 hours)
		Area V	Social Sciences (9 hours) See UGA core requirements for Area V
	3 3 3		Students who have not met the Georgia and U.S. Constitution requirement by examination must enroll in POLS 1101. Students who have not met the Georgia and U.S. History requirement by examination must enroll in HIST 2111 or 2112.
		Area VI	Courses related to major (18 hours) Minimum grade of C required
	3 3 3 3	EDUC(EFND) 2110 EDUC(EPSY) 2130 EDUC(EFND) 2120 ENGL/CMLT	Investigating Critical and Contemporary Issues in Education Exploring Learning and Teaching Exploring Socio-Cultural Perspectives on Diversity Language Arts – Choose one ENGL/CMLT 2000-level courses not previously used in Area IV Social Studies - Choose one course from HIST 2000-level, ECON 2000-level or
	3		GEOG 1101 or GEOG 1103 Choose one course from HIST-2000 level, ECON 2000-level, GEOG 1101, GEOG 1103 or ENGL/CMLT 2000-level course
	0-2	Electives	General Electives if needed to reach 60 hours (may not count PEDB courses)
	1	PEDB	Basic physical education

Advisor Check	Hours	Professional Courses	Information
	3	SPED 2000 or SPED 4030/6030	Survey of Special Education or Inclusion of Students with Special Needs: Grades 6-12
			FALL (1)
	3 3 3 3 3	EDMS 5020 EDMS 5020L LLED 5220 ENGL ESOC 4400/6400	Educating Young Adolescents Educating Young Adolescents Lab (Field Experience) Writing Pedagogy, Grades 4-8 ENGL 3000 level or above Teaching Social Studies in the Middle Grades Social Studies Elective – 3000 level or above course from approved list
			SPRING (1)
	3 3 3 3 3	LLED 3530 LLED 5210	Content Area Literacies for Middle School Children's Literature and Oral Language, Grades 4-8 Language Arts Elective – 3000-level or above course from CLAS, CMLT, DRAM, ENGL, JOUR, LING, COMM, or LLED Social Studies Elective – 3000-level or above course from approved list Social Studies Elective - Any course from approved list or ESOC course
			FALL (2)
	3 3 3 3	EDMS 5030 EDMS 5030L	The Middle School Curriculum The Middle School Curriculum Lab (Field Experience) Language Arts Elective - Any level from CLAS, CMLT, DRAM, ENGL, JOUR, LING, SPCM, or LLED (any level) Social Studies Elective - Any course from approved list or ESOC course Language Arts Elective or Social Studies Elective - Any course from approved lists
			SPRING (2)
	15 3	EDMS 5460 EDMS 5040	Student Teaching Teaching in the Middle School

Graduation & Program Requirements			
Regents Reading Regents Essay Environmental Literacy Georgia and U.S. History			
Georgia and U.S. Constitution Background Check(1) (2) GACE Basic Skills GACE			
NOTE: Students must have a grade of at least C in all education, professional and specialization courses			

**Language Arts Electives** – Choose elective from CLAS 1000 or above, CMLT 3000 or above, DRAM 2000 or above, ENGL 3000 or above, JOUR 2000 or above, LING 2000 or above or SPCM 1000 or above or LLED any level

**Social Studies Electives --** Approved list of Middle School Social Studies Teaching Electives available from Middle School education advisor. ESOC course option electives – ESOC(HIST) 4150/6150, ESOC 5010/7010, ESOC 5520/7520

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Major: Middle School Education (Undergraduate with Teacher Certification)

College: College of Education

Dean of Graduate School

University Curriculum Committee Chair

Department: Elementary and Social Studies Education

Area of Emphasis Title: Mathematics and Language Arts

Proposed Starting Date: August 2012
Area of Emphasis Description: Please see the attached proposed program of study for lists of possible courses. The area of emphasis requires a minimum of 12 credit hours each in both mathematics and language arts. Residency requirements are not part of the area of emphasis but are part of the overall middle school education program. Students must maintain a 2.8 GPA and a minimum grade of "C" in all courses in the area of emphasis.
Beth Bush 100 7-27-2012 Department Bead Department Date
Warda AH Gurde 738 12 School/College Curriculum Committee Chair Date

Date

Date

Student	Specialization Areas:
	Mathematics & Language Arts
910#	

Advisor Check	Hours	Core Courses	
		Area I	Foundation Courses (9 hours)
	3 3 3	ENGL 1101 ENGL 1102 MATH	English Composition I English Composition II MATH 1101 or 1113 or 2200 or 2250
		Area II	Sciences (7-8 hours) See UGA core requirements for Area II
	3 or 4 3 or 4		Physical Sciences (3-4 hours) Life Sciences (3-4 hours) At least one of the science courses must include a laboratory
		Area III	Quantitative Reasoning (3-4 hours) See UGA core requirements for Area III
	3 or 4		
		Area IV	Humanities/Fine Arts (12 hours) See UGA core requirements for Area IV
	3 3 3		World Languages and Culture (9 hours)
	3		Humanities and the Arts (3 hours)
		Area V	Social Sciences (9 hours) See UGA core requirements for Area V
	3 3 3		Students who have not met the Georgia and U.S. Constitution requirement by examination must enroll in POLS 1101. Students who have not met the Georgia and U.S. History requirement by examination must enroll in HIST 2111 or 2112.
		Area VI	Courses related to major (18 hours) Minimum grade of C required
	3 3 3	EDUC(EFND) 2110 EDUC(EPSY) 2130 EDUC(EFND) 2120	Investigating Critical and Contemporary Issues in Education Exploring Learning and Teaching Exploring Socio-Cultural Perspectives on Diversity
	3	MATH	MATH 2200 or 2250
	3	ENGL/CMLT	English – Choose one ENGL 2000-level course not previously used in Area IV
	3	,	Choose MATH 1113 <b>or</b> one ENGL/CMLT 2000-level course not previously used in Area IV or VI.
	0-2	Electives	General Electives if needed to reach 60 hours (may not count PEDB courses)
	1	PEDB	Basic physical education

Advisor Check	Hours	Professional Courses	Survey of Special Education or
	3	SPED 2000 or SPED 4030/6030	Inclusion of Students with Special Needs: Grades 6-12
			FALL (1)
	3 3 3 3 3	EDMS 5020 EDMS 5020L EMAT 5280/7280 MATH 5020/7020 LLED 5220 ENGL	Educating Young Adolescents Educating Young Adolescents Lab (Field Experience) Teaching Number Systems in the Middle School Arithmetic for Middle School Teachers Writing Pedagogy, Grades 4-8 ENGL 3000 level or above
			SPRING (1)
	3 3 3 3 3	LLED 3530 EMAT 5290/7290 MATH 5030/7030 LLED 5210	Content Area Literacies for Middle School Teaching Geometry and Measurement in the Middle School Geometry and Measurement for Middle School Teachers Children's Literature and Oral Language, Grades 4-8 Language Arts Elective - 3000 level or above course from CLAS, CMLT, DRAM, ENGL, JOUR, LING, COMM, LLED
			FALL (2)
	3 3 3 3	EDMS 5030 EDMS 5030L EMAT 5320/7320	The Middle School Curriculum The Middle School Curriculum Lab (Field Experience) Teaching Algebra in the Middle School Language Arts Elective (See specialization 2 electives listed below) Choose from MATH 5035/7035: Algebra for Middle School Teachers or a Language Arts Elective from CLAS, CMLT, DRAM, ENGL, JOUR, LING, COMM, LLED
			SPRING (2)
	15 3	EDMS 5460 EDMS 5040	Student Teaching Teaching in the Middle School
Graduation & Program Requirements			

Graduation & Program Requirements			
Regents Reading Regents Essay Environmental Literacy Georgia and U.S. History			
Georgia and U.S. Constitution Background Check(1) (2) GACE Basic Skills GACE			
NOTE: Students must have a grade of at least C in all education, professional and specialization courses			

Language Arts Electives – Choose one elective from CLAS 1000 or above, CMLT 3000 or above, DRAM 2000 or above, ENGL 3000 or above, JOUR 2000 or above, LING 2000 or above or SPCM 1000 or above or LLED.

College: College of Education

Dean of Graduate School

University Curriculum Committee Chair

Department: Elementary and Social Studies Education			
Major: Middle School Education (Undergraduate with Teacher Certification)			
Area of Emphasis Title: Mathematics and Social Studies			
Proposed Starting Date: August 2012			
Area of Emphasis Description: Please see the attached proposed program of study for lists of possible courses. The area of emphasis requires a minimum of 12 credit hours each in both mathematics and social studies. Residency requirements are not part of the area of emphasis but are part of the overall middle school education program. Students must maintain a 2.8 GPA and a minimum grade of "C" in all courses in the area of emphasis.			
Department Head Department J Date  Date			
School/College Curriculum Committee Chair Date			

Date

Date

Student	Specialization Areas:	
	Social Studies & Mathematics	
810#		

Advisor Check	Hours	Core Courses	
		Area I	Foundation Courses (9 hours)
	3 3 3	ENGL 1101 ENGL 1102 MATH	English Composition I English Composition II MATH 1101 or 1113 or 2200 or 2250
		Area II	Sciences (7-8 hours) See UGA core requirements for Area II
	3 or 4 3 or 4		Physical Sciences (3-4 hours) Life Sciences (3-4 hours) At least one of the science courses must include a laboratory
		Area III	Quantitative Reasoning (3-4 hours)
J2	3 or 4		MATH 1113 (Precalculus) required
		Area IV	Humanities/Fine Arts (12 hours) See UGA core requirements for Area IV
	3 3		World Languages and Culture (9 hours)
1	3		Humanities and the Arts (3 hours)
\$		Area V	Social Sciences (9 hours) See UGA core requirements for Area V
	3 3 3		Students who have not met the Georgia and U.S. Constitution requirement by examination must enroll in POLS 1101. Students who have not met the Georgia and U.S. History requirement by examination must enroll in HIST 2111 or 2112.
		Area VI	Courses related to major (18 hours) Minimum grade of C required
	3 3 3 3	EDUC(EFND) 2110 EDUC(EPSY) 2130 EDUC(EFND) 2120	Investigating Critical and Contemporary Issues in Education Exploring Learning and Teaching Exploring Socio-Cultural Perspectives on Diversity Social Studies - Choose one course from HIST 2000-level, ECON 2000-level or GEOG 1101 or GEOG 1103
	3 3	MATH	MATH 2200 or 2250 Choose MATH 1113 or one course from HIST 2000-level, ECON 2000-level or GEOG 1101 or GEOG 1103 not previously used in Area VI
	0-2	Electives	General Electives if needed to reach 60 hours (may not count PEDB courses)
	1	PEDB	Basic physical education

Advisor Check	Hours	Professional Courses	
	3	SPED 2000 or SPED 4030/6030	Survey of Special Education or Inclusion of Students with Special Needs: Grades 6-12
			FALL (1)
	3 3 3 3 3	EDMS 5020 EDMS 5020L ESOC 4400/6400 EMAT 5280/7280 MATH 5020/7020	Educating Young Adolescents Educating Young Adolescents Lab (Field Experience) Teaching Social Studies in the Middle Grades Social Studies Elective – 3000-level or above course from approved list Teaching Number Systems in the Middle School Arithmetic for Middle School Teachers
			SPRING (1)
	3 3 3 3	LLED 3530 EMAT 5290/7290 MATH 5030/7030	Content Area Literacies for Middle School Social Studies Elective – 3000-level or above course from approved list Social Studies Elective – Any course from approved list or ESOC course Teaching Geometry and Measurement in the Middle School Geometry and Measurement for Middle School Teachers
			FALL (2)
	3 3 3	EDMS 5030 EDMS 5030L	The Middle School Curriculum The Middle School Curriculum Lab (Field Experience) Social Studies Elective – Any course from approved list or ESOC course
	3	EMAT 5320/7320	Teaching Algebra in the Middle School Choose from MATH 5035/7035, Algebra for Middle School Teachers or a Social Studies Elective, any level from approved list
			SPRING (2)
	15 3	EDMS 5460 EDMS 5040	Student Teaching Teaching in the Middle School

Graduation & Program Requirements
Regents Reading Regents Essay Environmental Literacy Georgia and U.S. History
Georgia and U.S. Constitution Background Check(1) (2) GACE Basic Skills GACE
NOTE: Students must have a grade of at least C in all education, professional and specialization courses

Social Studies Electives – Approved list of Middle School Social Studies Teaching Electives available from Middle School education advisor. ESOC optional electives – ESOC(HIST) 4150/6150, ESOC 5010/7010, ESOC 5520/7520

College: College of Education
Department: Elementary and Social Studies Education
Major: Middle School Education (Undergraduate with Teacher Certification)
Area of Emphasis Title: Mathematics and Science
Proposed Starting Date: August 2012
Area of Emphasis Description: Please see the attached proposed program of study for lists of course options. The area of emphasis requires a minimum of 12 credit hours each in both mathematics and science. Residency requirements are not part of the area of emphasis but are part of the overall middle school education program. Students must maintain a 2.8 GPA and a minimum grade of "C" in all courses in the area of emphasis.
Department Head Department Date  Date
School/College Curriculum Committee Chair Date
Dean of Graduate School Date

Date

University Curriculum Committee Chair

Student	Specialization Areas:
-	Science & Mathematics
810#	

Advisor Check	Hours	Core Courses	Information
		Area I	Foundation Courses (9 hours)
	3 3 3	ENGL 1101 ENGL 1102 MATH	English Composition I English Composition II MATH 1101 or 1113 or 2200 or 2250
		Area II	Sciences (7-8 hours) See UGA core requirements for Area II
	3 or 4 3 or 4		Physical Sciences (3-4 hours) Life Sciences (3-4 hours) BIOL 1103 & 1103L or BIOL 1107 & 1107L preferred At least one of the science courses must include a laboratory
		Area III	Quantitative Reasoning (3-4 hours)
	3 or 4		MATH 1113 (precalculus) required
		Area IV	Humanities/Fine Arts (12 hours) See UGA core requirements for Area IV
	3 3 3		World Languages and Culture (9 hours)
	3		Humanities and the Arts (3 hours)
		Area V	Social Sciences (9 hours) See UGA core requirements for Area V
	3 3 3		Students who have not met the Georgia and U.S. Constitution requirement by examination must enroll in POLS 1101. Students who have not met the Georgia and U.S. History requirement by examination must enroll in HIST 2111 or 2112.
		Area VI	Courses related to major (18 hours) Minimum grade of C required
	3 3 3 3	EDUC(EFND) 2110 EDUC(EPSY) 2130 EDUC(EFND) 2120 ———————————————————————————————————	Investigating Critical and Contemporary Issues in Education Exploring Learning and Teaching Exploring Socio-Cultural Perspectives on Diversity Science – Choose from BIOL 1103 & 1103L, BIOL 1104 & 1104L, BIOL 1107 & 1107L, CHEM 1110 & 1110L, ASTR 1010 & 1010L, ASTR 1020 & 1020L or GEOG 1112 & 1112L. Lab Required to complete content hours in science. MATH 2200 or 2250
	3		Choose one course from BIOL 1104 or BIOL 1107 or CHEM 1110, or ASTR 1010 or ASTR 1020 or GEOG 1112 or MATH 1113
	0-2	Electives	General Electives if needed to reach 60 hours (may not count PEDB courses)
	1	PEDB	Basic physical education

Advisor Check	Hours	Professional Courses	Information
	3	SPED 2000 or SPED 4030/6030	Survey of Special Education or Inclusion of Students with Special Needs: Grades 6-12
			FALL (1)
	3 3 4 3 3 3	EDMS 5020 EDMS 5020L PBIO 2010-2010L ESCI 4430 EMAT 5280/7280 MATH 5020/7020	Educating Young Adolescents Educating Young Adolescents Lab (Field Experience) Life Sciences for Middle School Teachers Science Curriculum for the Middle Grades Teaching Number Systems in the Middle School Arithmetic for Middle School Teachers
			SPRING (1)
	3 4 3 3 3	LLED 3530 CHEM 1060-1060L ESCI 4440 EMAT 5290/7290 MATH 5030/7030	Content Area Literacies for Middle School Physical Science for Teachers Science Teaching Methods in the Middle Grades Teaching Geometry and Measurement in the Middle School Geometry and Measurement for Middle School Teachers
			FALL (2)
	3 3 3-4 1	EDMS 5030 EDMS 5030L EMAT 5320/7320	The Middle School Curriculum The Middle School Curriculum Lab (Field Experience) Teaching Algebra in the Middle School Choose from GEOL 4750/6750, Earth Sciences for Middle School Teachers or MATH 5035/7035, Algebra for Middle School Teachers Science Lab taken with Area VI requirement
			SPRING (2)
1 1	15 3	EDMS 5460 EDMS 5040	Student Teaching Teaching in the Middle School

Graduation & Program Requirements
Regents Reading Regents Essay Environmental Literacy Georgia and U.S. History
Georgia and U.S. Constitution Background Check(1) (2) GACE Basic Skills GACE
NOTE: Students must have a grade of at least C in all education, professional and specialization courses