



MIDDLE GEORGIA STATE UNIVERSITY

School of Education

**Supplement to Substantive Program Modification Proposal Form**

**Current Degree Program Name:**

Bachelor of Science in Biology with Teacher Certification

~~Bachelor of Arts in English with Teacher Certification~~

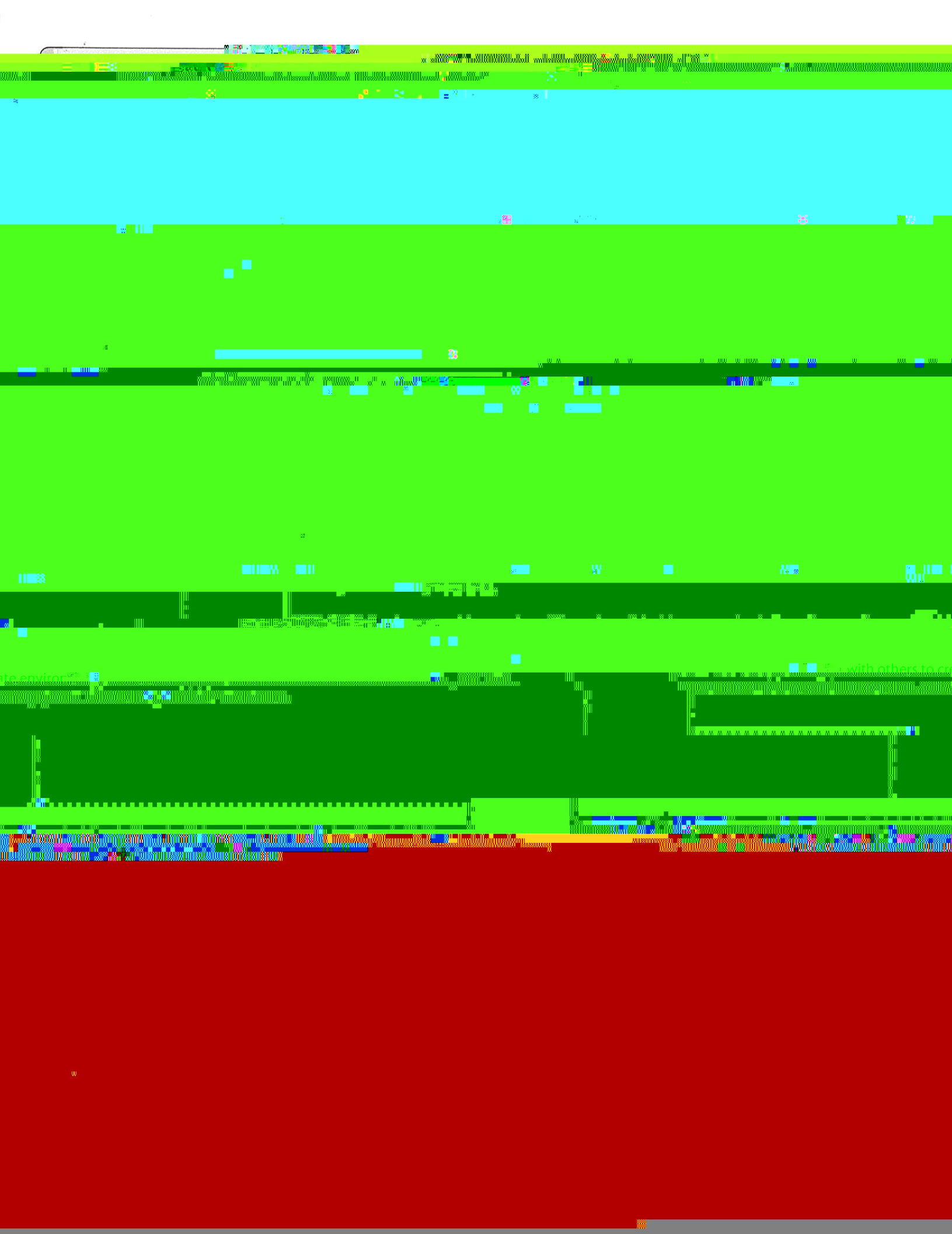
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Bachelor of Arts in History with Teacher Certification

Bachelor of Science in Mathematics with Teacher Certification



# PROPOSED CURRICULUM – School of Education

## Curriculum for Bachelor of Science in Secondary Education

### Area A Credit: 9 hours

#### Essential Skills

- ENGL 1101 - English Composition I Credit: 3 hours
- ENGL 1102 - English Composition II Credit: 3 hours
- Area A Math Elective Credit: 3 hours

*Courses recommended for Area A Math Elective are: MATH 1101 OR MATH 1111  
Course required for Biology Concentration: MATH 1113*

**Note: Courses required for Area A must be completed within the first 30 hours.**

### Area B Credit: 4 hours

#### Institutional Options

- Perspectives Elective Credit: 4 hours

### Area C Credit: 6 hours

#### Humanities/Fine Arts

- Literature Elective Credit: 3 hours
  - Area C Elective Credit: 3 hours
- Course required for English Concentration: ENGL 2111*

### Area D Credit: 11 hours

#### Science, Math and Technology

- Lab Science Elective Credit: 4 hours
- Lab Science with Elective Credit: 4 hours



**Math Concentration**

- **MATH 2120 – Discrete Math Credit: 3 hours**
- **MATH 2260 – Introduction to Linear Algebra Credit: 3 hours**
- **MATH 3010 – History of Mathematics Credit: 3 hours**
- **MATH 3040 – Bridge to Higher Math Credit: 3 hours**
- **MATH 3207 – Communicating Mathematics Credit: 4 hours**
- **MATH 2510 – Foundations of Geometry Credit: 3 hours**

**\*Note: One hour of credit from MATH 1251, MATH 2252 and MATH 2253**

**Total 25 hours**

**Upper Level Education Courses:**

- **EDUC 3100 – Reading in Multiple Literacies Credit: 3 hours**
- **EDUC 3120 – Practicum I Credit: 3 hours**
- **EDUC 3130 – Practicum II Credit: 3 hours**
- **EDUC 4100 – Integrated Secondary Curriculum & Instruction Credit: 3 hours**
- **EDUC 4110 – Instructional Technology for Teachers Credit: 2 hours**
- **EDUC 4120 – Assessment for Learning Credit: 2 hours**

**SUBSTANTIVE CHANGE/PROGRAM MODIFICATION**  
***Curricular Change to an Existing Program***

Institution: Middle Georgia State University

Institutional Contact (President or Vice President for Academic Affairs): Provost: Dr. Melanie Hatch

Date: August 9, 2016

School/Division: School of Education

Department:

Degree Name: Bachelor of Science in Secondary Education

Major: Biology, English, History and Mathematics

CIP Code: 13.1205

• MATH 1112 – Plane Trigonometry  
Credit: 3 hours  
OR

• ENGL 1101 - English Composition I  
Credit: 3 hours  
• ENGL 1102 - English Composition II



**Area F: Lower Division Major Requirements (Credit: 18 hours)**

**Major Field**

- BIOL 2107K – Principles of Biology I  
Credit: 4 hours
- BIOL 2108K – Principles of Biology II  
Credit: 4 hours
- SCIE 2998 – Research Methods

- HIST 2112 - United States History since 1865 **Credit: 3 hours**  
and
- POLS 1101 - American Government  
**Credit: 3 hours**
- Area E Elective **Credit: 3 hours**
- Area E Elective **Credit: 3 hours**

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Major Electives (6-12 hours)

- Select from CRWR 2105, ENGL 2111, ENGL 2112, ENGL 2121, ENGL 2122, ENGL 2131 ENGL 2131H ENGL 2132.

hours

OR

- MATH 1113 – Precalculus Credit: 3 hours

OR

- MATH 1251 – Calculus I Credit: 4 hours

**Select two courses from the following  
(Credit: 6 hours)**

- ENGL 3130 – Studies in Short Fiction  
Credit: 3 hours
- ENGL 3700 – Studies in the Novel

**Major Field**

- BIOL 2107K – Principles of Biology I  
Credit: 4 hours
- BIOL 2108K – Principles of Biology II  
Credit: 4 hours

• ENGL 4600 – History of the English  
Language Credit: 3 hours

Credit: 4 hours  
• BIOL 3540K – Microbiology

• NMAC 3145 – Digital Media Studio

• BIOL 4894 – Research Credit: 2 - 4 hours



- ENGL 2122 – British Literature II  
Credit: 3 hours
- ENGL 2131 – American Literature I  
Credit: 3 hours
- ENGL 2132 – American Literature II  
Credit: 3 hours

**Note: Students should take at least one world literature, English 2111 or 2112, if not taken in another area.**

**English Traditional Track (Credit: 60 hours)**

**Required Field Courses (Credit: 9 hours)**

• ENGL 2010 – Introduction to Literature

**Teacher Education Courses (Credit: 33 hours)**

Students must be admitted to the

• NMAC 4481 – Film Analysis  
Credit: 3 hours

Select two courses from the following

• HIST 1112 – History of World Civilizations

Page 1650 Credits: 3 hours

• ENGL 3110 – Middle English Language and

Culture Credit: 3 hours

• HIST 3790 – United States History Since  
1960 Credit: 3 hours

• IDS 4040 – Fashion, Literature, and Culture  
Credit: 3 hours





- HIST 4040 – Humans and Their Environment Since 1945 Credit: 3 hours
- HIST 4220 – History of Japan Credit: 3 hours
- HIST 4290 – Modern Russia Credit: 3 hours
- HIST 4320 – France 1660-1815 Credit: 3 hours
- HIST 4330 – Modern Germany Credit: 3 hours

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- HIST 4320 – France 1660-1815 Credit: 3 hours
- HIST 4330 – Modern Germany Credit: 3 hours
- HIST 4336 – The Holocaust Credit: 3 hours
- HIST 4360 – Modern East Central Europe Credit: 3 hours

• HIST 3730 – America, 1815-1848  
– Credit: 2 hours

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– Credit: 2 hours



- ENGL 4400 – 19th Century British Poetry and Prose Credit: 3 hours
- ENGL 4420 – Modern European Literature in Translation Credit: 3 hours
- ENGL 4430 – Literature of the Non-Western World Credit: 3 hours
- ENGL 4440 – Literature By Women Credit: 3 hours
- ENGL 4460 – Southern Literature Credit: 3 hours
- ENGL 4470 – Contemporary Literature Credit: 3 hours
- HUMN 4480 – History of Print Credit: 3 hours
- NMAC 4481 – Film Analysis Credit: 3 hours

- HIST 4760 – Gender, Marriage and Family in American History Credit: 3 hours
- HIST 4777 – Early Native America Credit: 3 hours
- HIST 4778 – Modern Native America Credit: 3 hours
- HIST 4820 – The Old South Credit: 3 hours
- HIST 4821 – The New South Credit: 3 hours
- HIST 4895 – History Internship Credit: 3 hours
- HIST 4898 – Research Practicum I Credit: 3 hours
- HIST 4899 – Research Practicum II Credit: 3 hours

Select one Research Seminar course from

• HIST 3151 – History of Africa since 1875

• ENGL 3200 – Chaucer Credit: 3 hours

UW-D 2206 Gender Studies

- HIST 4030 – European Colonization Credit: 3 hours
- HIST 4040 – Humans and Their Environment Since 1945 Credit: 3 hours
- HIST 4220 – History of Japan Credit: 3 hours
- HIST 4290 – Modern Russia Credit: 3 hours

- ENGL 4600 – History of the English Language Credit: 3 hours
- ENGL 4700 – Topics in Literary Theory Credit: 3 hours
- FREN 2001 – Intermediate French I Credit: 3 hours
- FREN 2002 – Intermediate French II Credit: 3 hours

- POLS 2101 – Introduction to Political Science Credit: 3 hours
- POLS 2201 – State and Local Government Credit: 3 hours
- POLS 2301 – Introduction to Comparative

- HIST 3710 – Colonial America Credit: 3 hours
- HIST 3730 – America, 1815-1848 Credit: 3 hours
- HIST 3750 – The Civil War and

- HIST 3930 – History of Georgia  
Credit: 3 hours
- HIST 4010 – The Atlantic World  
Credit: 3 hours

- HIST 4777 – Early Native America  
Credit: 3 hours
- HIST 4778 – Modern Native America  
Credit: 3 hours



• HIST 3100 – History of Latin America  
Credit: 3 hours

~~HIST 3150 – History of Africa to 1975~~

• Lab Science Elective Credit: 4 hours  
PHYS 2211K-2212K or CHEM 1211K-

~~1212K are recommended~~

- HIST 3710 – Colonial America  
Credit: 3 hours
- HIST 3720 – Revolutionary America

- MATH 2120 – Discrete Mathematics  
Credit: 3 hours
- MATH 3040 – Bridge to Higher

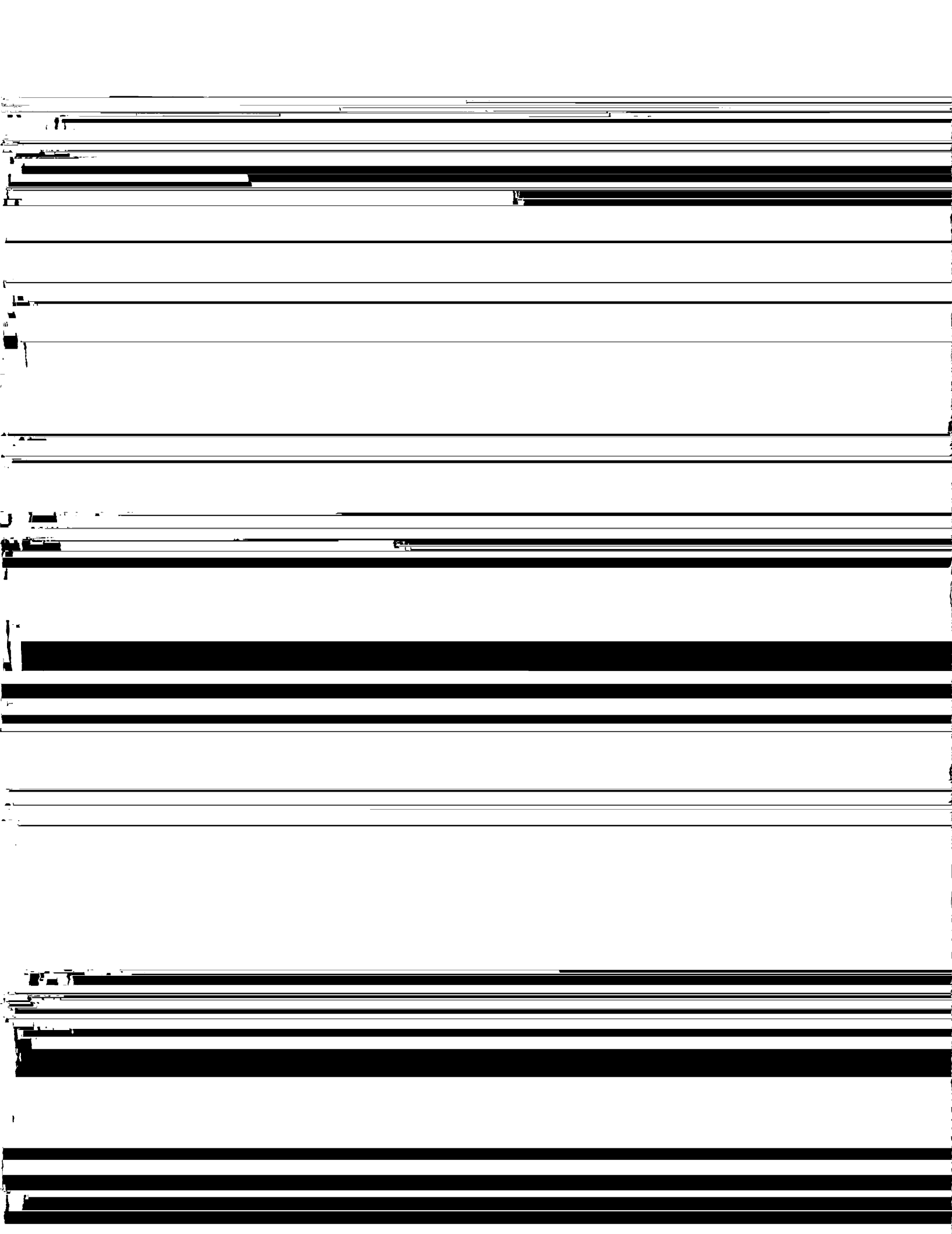


- HIST 4930 – Research Seminar in American History Credit: 3 hours

**Teacher Education Courses (Credit: 33 hours)**

- EDUC 2110 – Investigating Critical and

Interpreters: Issues in Education



• MATH 2252 – Calculus II Credit: 4 hours

MATH 2252 – CALCULUS II CREDIT: 4 HOURS

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| <ul style="list-style-type: none"><li>• MATH 4480 – Graph Theory<br/>Credit: 3 hours</li><li>• MATH 4651 – Numerical Analysis I<br/>Credit: 3 hours</li><li>• MATH 4991 – Quantitative Research I</li></ul> |  |
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Credits: 5 hours

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