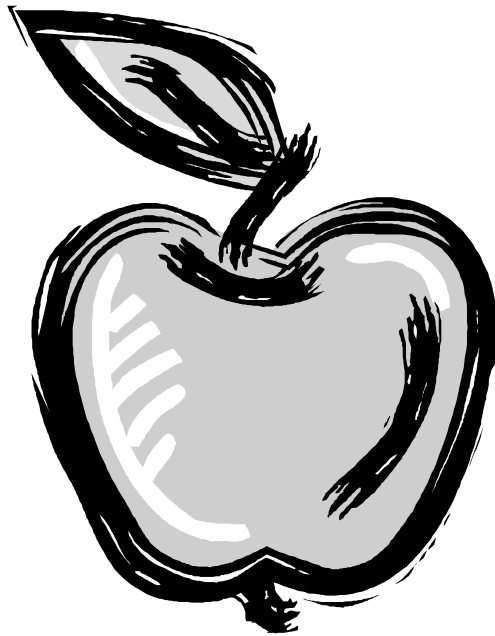


**Department of Teacher Education/Higher  
Education**

**Secondary Teacher Education Program  
(STEP)  
Handbook**



based on the undergraduate catalog of

**2016 - 2017**

Revised: January 2017

This handbook was prepared by:

**Office of Student Services & Advising**

(in conjunction with the Secondary Teacher Education Program)

First Floor, School of Education Building, UNCG

(336) 334-3410

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*This handbook is intended for informational purposes only. Requirements, rules, procedures, courses, and information statements are subject to change. The Office of Student Services reserves the right to revise any part without notice or obligation.*

## **OFFICE OF STUDENT SERVICES**

First Floor, School of Education Building, UNCG

(336) 334-3410

The mission of the School of Education Office of Student Services is to assist current and prospective undergraduate students interested in K-12 teaching. We strive to empower students to be active participants in their educational, personal, and professional development. To support students to reach their full potential, we:

- Help students develop a thorough knowledge of degree/licensure requirements for Office of Student Services majors
- Help students understand the various academic options and resources available within the School of Education
- Assist students with making educational plans that are consistent with their goals, abilities, and interests
- Provide students with clear and accurate information regarding University/School of Education policies, procedures, and services
- Offer recommendations and strategies for academic success
- Refer students to appropriate campus offices and resources

### **The OSS Staff during the 2016-2017 Academic year:**

Jacqueline Dozier, Director

Ciara Marable, Associate Director

Brian Strickland, Assistant Director

Terence Polk, Assistant Director

Judy Pelance, Placement Coordinator

Carol Griggs, Student Data Manager

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## **SCHOOL OF EDUCATION SCHOLARSHIP INFORMATION**

The School of Education is asked each year to recommend students for certain university scholarships restricted to students in education. Students must complete an online application by the middle of the spring semester of each academic year. There is one application for all scholarships. Several scholarship opportunities are available to students. For questions regarding scholarships or the SOE scholarship process, please contact OSS at 334-3410.

## **STUDENT NORTH CAROLINA ASSOCIATION OF EDUCATORS**

[SNCAE](#) is a professional organization for college students preparing to become teachers. The organization provides members with opportunities to connect with those pursuing the same goals as well as gain resources for professional learning and development beyond the classroom. SNCAE also serves as the student's voice in public education in North Carolina. Opportunities include conference attendance, professional development workshops, and special events that promote student engagement with teaching professionals currently in the field. Members can pursue leadership positions on campus as well as at the state level. Additionally, UNCG student members also coordinate, volunteer, and plan education activities during campus events such as the annual Children's Festival and serve as reading volunteers at the local elementary schools. For local chapter information email [soeinfo@uncg.edu](mailto:soeinfo@uncg.edu).

# Secondary Education

Procedures Checklist

Secondary Teacher Education Program (STEP)

Advising Worksheets

Secondary Comprehensive Social Studies

Anthropology  
Economics  
Geography  
History  
Political Science  
Psychology  
Sociology

Secondary Comprehensive Science

Biology  
Chemistry  
Physics  
Liberal Studies – Integrated Science

English

Mathematics

Foreign Language\*

French  
Spanish

Classical Studies (Latin)\*

\*Foreign Languages (French and Spanish) and Classical Studies (Latin) offer a K-12 Licensure option. Students must contact the department for admission requirements and advising. Please see page 45 of this handbook for further information and contacts.

# PROCEDURES CHECKLIST FOR SECONDARY EDUCATION MAJORS

The University of North Carolina at Greensboro in conjunction with the State Department of Public Instruction has developed policies and procedures for admission and retention to teacher education and admission to student teaching.

It is the responsibility of each student to be familiar with all policies and procedures associated with seeking certification and for being sure all deadlines are met on time. **It is highly recommended that you start a personal file to keep copies of all papers concerning your admission to teacher education, student teaching, Praxis test scores, etc. It is also important that you know the specific requirements for your major.** The following guidelines will help you meet your responsibility:

## FRESHMAN YEAR

*Transfers: first semester on campus*

DATE

**1. Be sure you know and have met with your advisor.**

You will have at least two advisors, one in your major department, and one in the Office of Student Services in the School of Education.

My major/department advisor is \_\_\_\_\_.

Your secondary education advisor will be assigned in the Office of Student Services, First Floor, School of Education Building. Advisors will contact students closer to peak advising periods regarding appointments for advising sessions. Questions regarding appointments can be answered by calling 334-3410.

My secondary education advisor is \_\_\_\_\_.

NOTE: Your secondary advisor will advise you in conjunction with your major advisor.

**2. Print and become familiar with the Secondary Teacher Education Program (STEP) Handbook (available online)**

**3. Print and become familiar with the Teacher Education Handbook (available online)**

**4. Print and become familiar with your major/department handbook(s) (if applicable)**

## SOPHOMORE YEAR

*Transfers: first year on campus*

**5. Pass the Reading, Writing, and Math Components PRAXIS Core Academic Skills test for Educators.**

***You must take all three sections of the PRAXIS (unless exempt; see Appendix D) and provide a printed copy to the Office of Student Services in order to be admitted to Teacher Education. Until you pass the PRAXIS, you may NOT enroll in more than 50% of your professional education courses. When scheduling the test, allow time to retake any part necessary until you receive a combined passing score. If you take the test in the summer, printed copies of the scores may not be available in time for you to be admitted to the program and begin the fall semester.***

Registered/Completed exam (or) exempt for all or portions of the PRAXIS I according to the Praxis I Substitution Table (See Appendix D)

**6. Meet the minimum major GPA requirement for admission to Teacher Education, a minimum 3.0 GPA**

**7. Complete an application for admission to Teacher Education**

(applications available online through the Office of Student Services website)

Requirements:

- Satisfactory progress toward completion of all courses needed to fulfill the “General Education Core requirements”
- Background Check: Request form can be obtained from:  
<http://oss.uncg.edu/wp-content/uploads/2012/02/Criminal-Background-Check-Form.pdf>  
and submitted via fax or mail directly to Background Investigation Bureau (BIB) prior to beginning first internship
- Recommendation of major school/department (obtained by the Office of Student Services after submission of application)
- Achievement of minimum score requirements as set by the North Carolina Department of Public Instruction on the PRAXIS (PRAXIS tests are waived for second degree students with an overall GPA of 2.5 or better in previous degree and may be waived if SAT/ACT scores are acceptable. See Appendix D).
- Submission of PRAXIS Core test scores (*if taken*) and Admission Application for Undergraduate Teacher Education to 136 School of Education Building
- 3.00 cumulative GPA (or higher depending on major)
- Achievement of a C or better in specific content and licensure courses is required for satisfactory progress toward licensure. (See Major and STEP advisors for further information on these courses).
- Professional Liability Insurance is required of any student who is enrolled in a class that requires field experience. Field experience is defined as any activity outside of the classroom walls which requires you to interact with the public. STEP students should plan to purchase insurance before the start of Junior year as many of the required courses during Junior and Senior year have internships and field experiences. New transfer students should also plan to purchase insurance before enrolling in the STEP sequence of courses.

**Junior Year**

*Fall Semester Only*

**8. Successfully complete the following courses:**

- TED 445 – Human Diversity, Teaching, and Learning (25-hr. internship) \_\_\_\_\_
- ERM 401 (1 sh, online) – Assessment I: Accountability in the Nation’s Schools \_\_\_\_\_
- TED 401 (1 sh, online) – Child and Adolescent Development and Learning \_\_\_\_\_

**Junior Year**

*Spring Semester Only*

**9. Complete an application for admission to Student Teaching** \_\_\_\_\_

(applications available online)

To be eligible, maintain the minimum cumulative and major GPAs, receive major school or department recommendation, and be admitted to Teacher Education. Submission of application should be made by Feb. 15 of the year **before** you plan to student teach.

**10. Successfully complete the following courses:**

- LIS 120 (1 sh) (if not already taken) – Instructional Technology \_\_\_\_\_
- ERM 402 (1 sh, online) – Assessment II: Standardized Tests \_\_\_\_\_
- TED 403 (1 sh, online) – English for Speakers of Other Languages \_\_\_\_\_
- SES 401 (1 sh, online) – Special Education \_\_\_\_\_
- (25-hr. internship tied to TED 403 and SES 401)
- Students may take ERM 405 during Spring Junior year in lieu of three ERM modules

Requirements:

- \*Achievement of a C or better in specific content and licensure courses is required for satisfactory progress toward licensure. (See Major and STEP advisors for further information on these courses).
- \*Professional Liability Insurance (see page 11)

**SENIOR YEAR**

*Fall Semester Only*

**12. Successfully complete the following courses:**

- TED 535 (if not already taken) – Literacy in the Content Area \_\_\_\_\_
- ERM 403 (1 sh, online) – Assessment III: Classroom Assessment \_\_\_\_\_
- TED 5XX – Teaching Practices and Curriculum (50-hr. internship) \_\_\_\_\_
- TED 551: English
- TED 553: Social Studies
- TED 559: Sciences

**13. Complete the Piedmont Alliance Form.** (forms distributed in class) \_\_\_\_\_

**SENIOR YEAR**  
*Spring Semester Only*

**14. Complete and submit the TaskStream Portfolio by March.** \_\_\_\_\_

The portfolio must pass before you can be recommended for licensure.

**15. Successfully complete TED 465 or MAT 465 (math majors) (12 sh) (student teaching credits and seminar).** \_\_\_\_\_

**16. Take the PRAXIS II.** \_\_\_\_\_

Effective July 1, 2014 and beyond, PRAXIS II will be REQUIRED for all license areas under STEP. While Praxis II is not required to be recommended for an initial license by your institution of higher education, it is required within the first year of teaching in order to obtain a Standard Professional I license. Contact your STEP advisor for questions regarding PRAXIS II and/or changes in the requirement. For details regarding registration, contact [www.ets.org](http://www.ets.org).

It is strongly encouraged to take PRAXIS II during the semester of student teaching.

**17. Submit application for teaching license. Apply via online application through the Department of Public Instruction website. See the Office of Student Services website for more information.** \_\_\_\_\_

**License:** If you have a teaching position, your license will be mailed to your new school. If you do not, it will be mailed to your home address.



## SECONDARY TEACHER EDUCATION PROGRAM (STEP)

### **PROGRAM PURPOSE:**

The Undergraduate Secondary Teacher Education Program (STEP) at the University of North Carolina at Greensboro is designed for students who wish to pursue teacher licensure in the following content areas: English, Comprehensive Social Studies, Mathematics, and Comprehensive Science.

Areas of licensure are listed below with their corresponding degrees/majors:

- 1) Mathematics, BA & BS (Applied Mathematics, Computer Science, Pure Mathematics, Statistics)  
**\* For the 2012-2013 school year and forward, students will be required to enter the BA Mathematics major if Teacher Education licensure is pursued. Students currently in any BS Mathematics majors with teaching licensure will be allowed to continue pursuit of the major until graduation.**
- 2) English, BA
- 3) Science:
  - i) Biology, BA & BS
  - ii) Chemistry, BA & BS
  - iii) Physics, BA & BS
  - iv) Integrated Science (Special Programs in Liberal Studies)
- 4) Social Studies:
  - i) Anthropology, BA
  - ii) Economics, BA & BS
  - iii) Geography, BA
  - iv) History, BA
  - v) Political Science, BA
  - vi) Psychology, BA
  - vii) Sociology, BA
  - viii) \*Foreign Languages (French and Spanish) and Classical Studies (Latin) offer a Secondary Teacher Education Licensure option. Students must contact the department for admission requirements and advising. Please see page 53 of this handbook for further information and contacts.

NOTE: STEP does not award degrees. The College of Arts and Sciences (CAS) and the Bryan School of Business confer degrees. The STEP provides teacher licensure courses; the CAS and Bryan School of Business offer general education and content area courses.

### **PROGRAM DESCRIPTION:**

Students who are pursuing teaching licensure in the aforementioned content areas combine a rigorous academic program with a sequenced clinical practice at partnership schools. These pre-service teachers take content area courses and teacher licensure courses, with their first clinical experience beginning during the first semester of their junior year. Three internships (100+ contact hours) are required prior to student teaching. UNCG faculty work closely with public school faculty, who we call On-Site Teacher Educators (OSTEs), to plan a range of “theory into practice” experiences.

Core, diversity, and technology standards are first introduced and assessed in core courses of the Secondary Teacher Education Program (STEP). Also, students are provided opportunities to demonstrate mastery and are further assessed on these standards in the specialty area courses. The STEP coordinator and methods professors/advisors oversee the instruction and supervision of students as students participate in methods courses, internships, and student teaching.

## **PROGRAM GOALS:**

The primary goal of the Secondary Teacher Education Program is to prepare caring, competent, and collaborative professionals to teach academic core subjects (English, social studies, mathematics, and science) in grades 9-12. To qualify for initial licensure, candidates must meet the following program goals:

- Become involved in the identification of issues in secondary teacher education generally as well as those related to specific content areas and the search for solutions.
- Become critical thinkers capable of effectively expressing themselves in oral and written communication.
- Develop a knowledge base in their specialty area.
- Develop self-awareness and an understanding of their own world view and how that perspective influences their learning and teaching.
- Understand cultural differences and appreciate the rich cultural heritage that each high school student brings to the classroom.
- Understand the unique learning characteristics, needs, and capacities of high school students from diverse cultural and linguistic backgrounds and of varying exceptionalities.

Additional goals of STEP are to:

- Develop strong links between (a) faculty members in the Department of Teacher Education/Higher Education who focus on secondary pedagogy, (b) field-based colleagues who work with UNC-Greensboro preservice teachers and collaborate on partnership schools projects, and (c) content experts in the College of Arts of Sciences as well as other academic units on campus.
- Seek to educate professionals who can successfully teach students from a wide range of backgrounds with diverse educational needs so that they may become active, contributing citizens upon graduation from high school.
- Develop and support a community of secondary teacher educators, teacher candidates, practitioners, and content faculty to promote and sustain collegiality among everyone involved in the preparation of secondary teachers.

## **PROGRAM OF STUDY:**

### **FALL OF JUNIOR YEAR:**

- \*TED 445 – Human Diversity, Teaching, and Learning (25-hr. internship)
- \*ERM 401 (1 sh, online) – Assessment I: Accountability in the Nation’s Schools
- \*TED 401 (1 sh, online) – Child and Adolescent Development and Learning

### **SPRING OF JUNIOR YEAR:**

- LIS 120 (1 sh, or sooner) – Instructional Technology
- \*ERM 402 (1 sh, online) – Assessment II: Standardized Tests
- \*TED 403 (1 sh, online) – English for Speakers of Other Languages
- \*SES 401 (1 sh, online) – Understanding and Teaching Students with Disabilities (25-hr. internship tied to TED 403 and SES 401)
- Students may take ERM 405 in lieu of three ERM modules to satisfy requirement

### **FALL OF SENIOR YEAR:**

- TED 535 (or sooner) – Literacy in the Content Area
- \*ERM 403 (1 sh, online) – Assessment III: Classroom Assessment
- \*TED 5XX – Teaching Practices and Curriculum (50-hr. internship)
  - TED 551: English
  - TED 553: Social Studies
  - TED 559: Sciences

### **SPRING OF SENIOR YEAR:**

- \*TED 465 or MAT 465 (math majors) (12 sh) – Student Teaching

\*Courses must be taken in the four-semester sequence. NO EXCEPTIONS. *Additional courses may be required by the major/department. See Appendix F for the Preparing for High School Teaching Timeline.*

# ADVISING WORKSHEETS

*Due to the constant revision of curriculum and major requirements within the various schools and departments, these advising worksheets are intended for organizational guidance only. It is the student's responsibility to cross-reference any worksheets with the Undergraduate Bulletin and the student's online degree evaluation. Any noted discrepancies should be discussed with the major and secondary education advisors. The Office of Student Services reserves the right to revise any portion of the worksheets without notice or obligation.*

**SECONDARY  
COMPREHENSIVE  
SOCIAL STUDIES**

## **UNDERGRADUATE SECONDARY SOCIAL STUDIES EDUCATION PROGRAM**

### **PURPOSE AND NATURE OF THE CURRICULUM:**

The Undergraduate Social Studies Licensure Program is designed to prepare candidates to help secondary school-aged students to become active, informed, and responsible citizens of the state and nation. Program candidates will interpret and understand how the social studies increase students' awareness of their world, nation, and state, giving them a fundamental understanding of their own society and others both past and present. Program candidates will help secondary students acquire and perfect the skills of individual and group inquiry and help students examine a broad range of peoples and cultures. In addition, program candidates will acquire the knowledge, skills, attitudes, and values that will enable them to assist secondary students in their efforts at being problem-solvers, good decision-makers, and wise planners.

### **GOALS OF THE PROGRAM:**

- 1) The program will enhance the development of initial social studies teachers through participation in a planned curriculum resulting in an initial licensure in secondary social studies.
- 2) The program will develop candidates who understand the philosophy and mission of secondary social studies education.
- 3) The program will develop candidates who understand human development and the implications for secondary education.
- 4) The program will stimulate candidate's sensitivity to the differing environments, customs, and values that condition the behavior of individuals, groups, and societies.
- 5) The program will develop candidates who critically evaluate the historical and contemporary conceptualizations of secondary social studies.
- 6) The program will assure that the candidate acquires an understanding of the social, psychological, anthropological, political, geographical, economic, and historical factors operating in societies.
- 7) The program will provide for the development of skills required to formulate objectives, use resources, select content, use effective teaching strategies, evaluate learning outcomes, and interact with students, parents, and the community.
- 8) The program will develop the candidate's awareness of the necessity for continuing education and professional development.

### **PROFESSIONAL EDUCATION REQUIREMENTS:**

- 1) STEP Courses
- 2) Secondary Social Studies Licensure Competencies (for all Social Studies majors):
  - ECO 101 – Introduction to Economics (also a GSB)
  - HIS 308 – Navigating World History
  - HIS 316 – Interpreting American History
  - HIS 3XX – Elective in American or World History
  - \*HIS 430 – Historical Methods for Social Studies (also RI and WI)
  - \*HIS 440 – Principles and Practices of Teaching History
  - \*Prerequisites: 9 hrs. in history, including HIS 308, 316, and 300-level elective

Additionally, History Majors will choose 5 courses in at least three different disciplines from the following list:

Anthropology: ATY 213 (recommended), 258, 325, 330, 333,  
Geography: GEO 104, 105, 106/106L, 306, 315, 344, 491, 560  
Political Science: PSC 100 (recommended), 260, or 290  
Psychology: PSY 121, 230, 240, 250, 260, 280, or 385  
Sociology: SOC 101, 202, 323, 335, 344, 362, 365, or 420

## **Secondary Teacher Education Program – Comprehensive Social Studies Curriculum**

<https://sites.google.com/a/uncg.edu/awjourne/secondary-social-studies-students>

In addition to fulfilling the requirements for either a BA in Anthropology, Geography, History, Political Science, Psychology, or Sociology or a BA or BS in Economics, students seeking Secondary (9-12) Teaching Licensure in Comprehensive Social Studies must complete the following courses:

### Sophomore Year

**HIS 308** - Navigating World History (fall so., or fall of junior year) (Wider World Category for History Majors)

**HIS 316** - Interpreting American History (fall so., or fall of junior year) (U.S. Category for History Majors)

**HIS 300-Elective in American or World History** (fall or spring, or fall of junior year)

### Fall Junior Year

**TED 445** – Human Diversity, Teaching and Learning (25-hr. internship)

**ERM 401** – Assessment I: Accountability in the Nation’s Schools (1 hr., online)

**TED 401** – Child and Adolescent Development and Learning (1 hr., online)

### Spring Junior Year

**LIS 120** - Instructional Technology (1 hr.) (or earlier)

**TED 403** – English for Speakers of Other Languages (1 hr., online)

**SES 401** – Understanding and Teaching Students with Disabilities (1 hr., online)  
(25-hour internship tied to TED 403 and SES 401)

**ERM 402** - Assessment II: Standardized Tests (1 hr., online)

**HIS 430** - Historical Methods for Social Studies (RI for History Majors) (prereqs.: 9 hrs. in history, including HIS 308, 316, and 300-level elective)

**HIS 440** - Principles and Practices of Teaching History (prereqs.: 9 hrs. in history, including HIS 308, 316, and 300-level elective)

### Fall Senior Year

**TED 535** - Literacy in the Content Area (online) (or earlier)

**TED 553** - Teaching Practices and Curriculum in Social Studies (50-hr. internship)

**ERM 403** - Assessment III: Classroom Assessment (1 hr., online)

### Spring Senior Year

**TED 465** - Student Teaching (12 hrs.)

### Work into any semester

**ECO 101** – Introduction to Economics (GSB)

#### For History Majors Only:

Choose 5 courses in at least 3 different disciplines from the following list (GSB’s):

**Anthropology:** ATY 213 (rec.), 258, 325, 330, 333

**Geography:** GEO 104, 105, 106/106L (GPS w/ lab), 306, 315, 344, 491, 560

**Political Science:** PSC 100 (rec.), 260, or 290

**Psychology:** PSY 121, 230, 240, 250, 260, 280, or 385

**Sociology:** SOC 101, 202, 323, 335, 344, 362, 365, or 420

Anthropology with Licensure in Social Studies High School Teaching (U102) – BA (122 hrs) <sup>1</sup>		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP): GMO _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS): GLS: ATY 253 and 253L (1 sh) _____	Social and Behavioral Sciences (GSB): ATY 213* _____
Fine Arts (GFA) _____	Mathematics (GMT): STA 108 _____	GRD additional _____	GNS additional _____	GSB additional: #ECO 101 _____
Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>*Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN)               <ol style="list-style-type: none"> <li>1. ATY 213 (GN) _____</li> <li>2.-4. Three additional GL/GN courses _____ (ATY 258)</li> </ol> </li> <li>One Speaking Intensive (SI) _____</li> <li>One Writing Intensive (WI) _____</li> </ul>			

**College of Arts and Sciences Additional Requirements (CAR)**

GHP: GPM (in addition to GEC req.) _____	GLT (in addition to GEC req.) _____	GNS: GPS (in addition to GEC req.) _____	GSB (in addition to GEC req.): ATY 258 _____	Four WI (including GEC and major req.) _____
**Foreign Language (GFL) _____ (101, 102, 203, 204)	**Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)			

**Major Requirements/Electives**

ATY 258 _____	ATY 363 _____	ATY 595 (sr. only) _____	ATY 360, 361, or 362 (choose one) _____	Five ATY courses at or above the 300 level (2 courses must be at the 400 or 500 level) _____
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>One Speaking Intensive (SI) _____ (ATY 595)</li> <li>One Writing Intensive (WI) _____ (ATY 595)</li> </ul>				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 553 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#HIS 308 _____	#HIS 316 _____	#One 300-level HIS Elective in American or World History _____	#HIS 430^ _____
#HIS 440^ _____	#Required for Standard Professional I License in Secondary Social Studies.		^Prerequisites: 9 sh in History, including HIS 308, 316, and 300-level elective	
<input type="checkbox"/> Declare History Minor				

<sup>1</sup> Fulfilling all requirements for Anthropology with Secondary Social Studies licensure may take more than 122 credit hours.

Economics with Licensure in Social Studies High School Teaching (U309) – BA (122 hrs) <sup>2</sup>		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS) (laboratory course) _____	Social and Behavioral Sciences (GSB): #ECO 101 _____
Fine Arts (GFA) _____	Mathematics (GMT): MAT 120 or 191 _____ (prereq.: MAT 115, or 150 and 151, respectively)	GRD additional: CST 105 _____	GNS additional (from different department) _____	GSB additional: ECO 202 _____
Philosophical, Religious, Ethical Principles (GPR): PHI 361 _____	Additional GLT, GFA, or GPR course _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN): <ol style="list-style-type: none"> <li>1. PHI 361 (GN) _____</li> <li>2.-4. Three additional GL/GN courses _____</li> </ol> </li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**Major Requirements/Electives**

ISM 110 _____	ECO 250 _____	ECO 301 _____	ECO 346 (spr. only) _____	Five ECO electives (15 sh from 300-599) _____
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (ECO 518 or 523)</li> <li>• One Writing Intensive (WI) _____ (ECO 518 or 523)</li> </ul>				
At least 50% of the hours in the major must be earned at UNCG				
Minimum cumulative GPA of 2.00 is necessary to register for Bryan School (including ECO) courses.				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 553 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#HIS 308 _____	#HIS 316 _____	#One 300-level HIS Elective in American or World History _____	#HIS 430^ _____
#HIS 440^ _____	#Required for Standard Professional I License in Secondary Social Studies.		^Prerequisites: 9 sh in History, including HIS 308, 316, and 300-level elective	
<input type="checkbox"/> Declare History Minor				

<sup>2</sup> Fulfilling all requirements for Economics (BA) with Secondary Social Studies licensure may take more than 122 credit hours.



Economics with Licensure in Social Studies High School Teaching (U311) – BS (122 hrs) <sup>3</sup>		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS) (laboratory course) _____	Social and Behavioral Sciences (GSB): #ECO 101 _____
Fine Arts (GFA) _____	Mathematics (GMT): MAT 120 or 191 _____ (prereq.: MAT 115, or 150 and 151, respectively)	GRD additional: CST 105 _____ and ENG 102 _____	GNS additional (from different department) _____	GSB additional: ECO 202 _____
Philosophical, Religious, Ethical Principles (GPR): PHI 361 _____	Additional GLT, GFA, or GPR course: _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN):               <ol style="list-style-type: none"> <li>1. ECO 300 (major req.) _____</li> <li>2. PHI 361 (GN) _____</li> <li>3.-4. Two additional GL/GN courses _____</li> </ol> </li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**Major Requirements/Electives**

ISM 110 _____	ACC 201 or 218 _____	ACC 202 _____	ECO 250 _____	ECO 300 _____
ECO 301 _____	ECO 346 _____	Three ECO electives (9 sh) at or above the 300-level _____	FIN 315 _____	MKT 309 _____
MGT 309 (jr. only) _____	Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____			
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (MKT 309)</li> <li>• One Writing Intensive (WI) _____ (MKT 309)</li> </ul>				
At least 50% of the hours in the major must be earned at UNCG				
Minimum cumulative GPA of 2.00 is necessary to register for Bryan School (including ECO) courses				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 553 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#HIS 308 _____	#HIS 316 _____	#One 300-level HIS Elective in American or World History _____	#HIS 430^ _____
#HIS 440^ _____	#Required for Standard Professional I License in Secondary Social Studies.		^Prerequisites: 9 sh in History, including HIS 308, 316, and 300-level elective	
<input type="checkbox"/> Declare History Minor				

<sup>3</sup> Fulfilling all requirements for Economics (BS) with Secondary Social Studies licensure may take more than 122 credit hours.

Geography with Licensure in Social Studies High School Teaching – BA (122 hrs) <sup>4</sup>		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP): GMO _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS): GNS: GEO 103 or GEO 106/106L (choose one) _____	Social and Behavioral Sciences (GSB): #ECO 101 _____
GLT additional _____	Mathematics (GMT) _____	GRD additional _____	GNS additional (from different department) (if GEO 103 was taken instead of GEO 106/106L, then must take a laboratory course) _____	***GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GHP: GPM (in addition to GEC req.) _____	GNS: GLS (in addition to GEC req.) _____	***GSB (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**\*\*Major Requirements/Electives**

GEO 121, 322, 357 (formerly 321), or 359 (formerly 323) (choose one) _____	***GEO 105, 301, 302, 303, 306 (formerly 202), or 315 (formerly 114) (choose one) _____	***GEO 102, 104, 313, 333, 340, 344, 491, 560 (choose one) _____	Additional GEO courses at or above the 200-level for a total of 27 semester hours (may include aforementioned major course requirements if taken at the 300-level): _____ ( ) ( ) ( ) _____	
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>				
**Only courses fulfilling major requirements in which a C- or better is earned may count toward the major.				
***Course counts as a GSB.				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 553 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#HIS 308 _____	#HIS 316 _____	#One 300-level HIS Elective in American or World History _____	#HIS 430^ _____
#HIS 440^ _____	#Required for Standard Professional I License in Secondary Social Studies.		^Prerequisites: 9 sh in History, including HIS 308, 316, and 300-level elective	
<input type="checkbox"/> Declare History Minor				

<sup>4</sup> Fulfilling all requirements for Geography with Secondary Social Studies licensure may take more than 122 credit hours.

History with Licensure in Social Studies High School Teaching (U177) – BA (122 hrs) <sup>5</sup>		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Literature (GLT) _____	***Historical Perspectives on Western Culture (GHP): GMO _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	^Natural Sciences (GNS) (laboratory course) _____	##Social and Behavioral Sciences (GSB): ATY 213 (preferred) _____
Fine Arts (GFA) _____	Mathematics (GMT) _____	GRD additional _____	GNS additional (from different department) _____	##GSB additional: PSC 100 (preferred) _____
Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>One Speaking Intensive (SI) _____</li> <li>One Writing Intensive (WI) _____</li> </ul>			

**College of Arts and Sciences Additional Requirements (CAR)**

***GHP: GPM (in addition to GEC req.) _____	GLT (in addition to GEC req.) _____	GNS/GLS or GPS (choose one) (in addition to GEC req.) _____	##GSB (in addition to GEC req.): ECO 101 _____	Four WI (including GEC and major req.) _____
*Foreign Language (GFL) _____ (101, 102, 203, 204)	*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)			

**Major Requirements/Electives**

**Europe: HIS 206****, 208, 220****, 221****, 222****, 223, 251****, or 252 (choose one)	**United States: HIS 211*** or 212*** (choose one) _____	**Wider World: HIS 203****, 204, 207****, 209, 215****, 216, 217, 218, 239, or 240 (choose one) _____		
** Wider World: HIS 308 (fall so. yr. or fall jr. yr.) _____	**United States: HIS 316 (fall so. yr. or fall jr. yr.) _____	Choose ONE additional United States, Wider World, OR Europe course: _____ **United States: HIS 301, 302, 324, 325, 326, 327, 328, 329, 332, 334, 335, 336, 337, 338, 339, 340, 342, 343, 344, 345, 347, 359, 394 **Wider World: HIS 303, 304, 306, 320, 321, 333, 370, 377, 378, 380, 381, 383, 384, 385, 386, 387, 389, 396, 399 (fall only) **Europe: HIS 309 (occ.), 310 (alt. yrs.), 311, 312, 314, 315, 348 (fall only), 349 (spr. only), 351, 353, 354, 355, 360, 363, 364, 365, 368, 369, 371, 373, 374, 375, 376, 392, 393, 395, 397 (choose one) _____		
#HIS 430 (RI) (fall jr. yr.) _____	HIS 440 (spr. jr. yr.) _____	Choose ONLY one course from any of the following fields (fall sr. yr.): _____ **Europe: HIS 511B **United States: HIS 511A **Wider World: HIS 511C	Additional 400-500 level History course: _____	
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
Minimum GPA of 2.00 in History courses: _____				
<ul style="list-style-type: none"> <li>One Speaking Intensive (SI) _____ (HIS 511)</li> <li>One Writing Intensive (WI) _____ (HIS 511)</li> </ul>				
**Must take at least six hours from each of the three fields (Europe, United States, and Wider World), with at least three of the six hours from each field at or above the 300-level				
***Course counts as a GMO.		****Course counts as a GPM.		#Research Intensive course serves as the prerequisite for HIS 511A/B/C.

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 553 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	##Choose five courses TOTAL from <i>at least three</i> of the following fields: ATY 213 (GSB) _____ PSC 100 (GSB) _____ Three Additional Courses from the following fields: _____ <ul style="list-style-type: none"> <li>Anthropology: ATY 258, 325, 330, 333</li> <li>Geography: GEO 104, 105, 106/106L^, 306, 315, 344, 491, 560</li> <li>Political Science: PSC 260, 290</li> <li>Psychology: PSY 121, 230, 240, 250, 260, 280, 285</li> <li>Sociology: SOC 101, 202, 323, 335, 334, 362, 365, 420</li> </ul>			
##Required for Standard Professional I License in Secondary Social Studies. Courses <i>may</i> count as Gen. Ed. GSB.			^GEO 106/106L will count as Gen. Ed. GPS with lab. May not get credit for both GEO 106/106L and GEO 103.	

<sup>5</sup> Fulfilling all requirements for History with Secondary Social Studies licensure may take more than 122 credit hours.

Political Science with Licensure in Social Studies High School Teaching (U199) – BA (122 hrs) <sup>6</sup>		
Name _____	ID _____	Optional Second Major or Minor _____

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP): GMO _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS) (laboratory course) _____	Social and Behavioral Sciences (GSB): PSC 100 _____
GLT additional _____	Mathematics (GMT) _____	GRD additional _____	GNS additional (from different department) _____	GSB additional: PSC 240* _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• *Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN)               <ol style="list-style-type: none"> <li>1. PSC 240 (GL) _____</li> <li>2. PSC 260 (GL) _____</li> <li>3. One additional GL/GN course _____</li> <li>4. One GN course _____</li> </ol> </li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

**Foreign Language (GFL) _____ (101, 102, 203, 204)	GHP: GPM (in addition to GEC req.) _____	GNS/GLS or GPS (choose one) (in addition to GEC req.) _____	GSB (in addition to GEC req.): #ECO 101 _____	Four WI (including GEC and major req.) _____
**Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**Major Requirements/Electives**

PSC 260 _____	PSC 301 _____	Any PSC course at or above the 200-level _____	Choose five (15 sh) PSC courses at or above the 300-level _____
The prelaw concentration requires additional courses: PSC 316 and three courses (9 sh) from the following: PSC 280, 300 (needs departmental approval), 312, 313, 314, 318, 320, 326, 336, 341, 399 (needs departmental approval), or 516. These 12 sh count towards 15 sh of 300 or above electives.			
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____			
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>			

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 553 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#HIS 308 _____	#HIS 316 _____	#One 300-level HIS Elective in American or World History _____	#HIS 430^ _____
#HIS 440^ _____	#Required for Standard Professional I License in Secondary Social Studies.		^Prerequisites: 9 sh in History, including HIS 308, 316, and 300-level elective	
<input type="checkbox"/> Declare History Minor				

<sup>6</sup> Fulfilling all requirements for Political Science with Secondary Social Studies licensure may take more than 122 credit hours.

Psychology with Licensure in Social Studies High School Teaching (U217) – BA (122 hrs) <sup>7</sup>		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP): GMO _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS) (laboratory course) _____	Social and Behavioral Sciences (GSB): PSY 121 _____
GLT additional _____	Mathematics (GMT): STA 108, MAT 115, or MAT 150 (choose one) _____	GRD additional _____	GNS: GLS: PSY 230 _____	GSB additional: #ECO 101 _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GHP: GPM (in addition to GEC req.) _____	GNS: GPS (in addition to GEC req.) _____	GSB (from different department) (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**Major Requirements/Electives**

PSY 122 (1 sh) _____	PSY 310 (or STA 271) (4 sh) _____	PSY 311 (4 sh) _____	PSY 240, 250, 260, 265, 275, or 280 (choose at least three) _____	**Choose two courses at or above the 300-level _____
**Choose two courses at or above the 400-level _____	Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____			
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (PSY 311)</li> <li>• One Writing Intensive (WI) _____ (PSY 311)</li> </ul>				
**PSY 314 and 433 may not be used to satisfy requirements for the major.				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 553 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#HIS 308 _____	#HIS 316 _____	#One 300-level HIS Elective in American or World History _____	#HIS 430^ _____
#HIS 440^ _____	#Required for Standard Professional I License in Secondary Social Studies.		^Prerequisites: 9 sh in History, including HIS 308, 316, and 300-level elective	
<input type="checkbox"/> Declare History Minor				

<sup>7</sup> Fulfilling all requirements for Psychology with Secondary Social Studies licensure may take between 157-165 credit hours.

Sociology with Licensure in Social Studies High School Teaching (U223) – BA (122 hrs) <sup>8</sup>		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP): GMO _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS) (laboratory course) _____	Social and Behavioral Sciences (GSB): SOC 101 _____
GLT additional _____	Mathematics (GMT) _____	GRD additional _____	GNS additional (from different department) _____	GSB additional: #ECO 101 _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GHP: GPM (in addition to GEC req.) _____	GNS/GLS or GPS (choose one) (in addition to GEC req.) _____	GSB (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**Major Requirements/Electives**

SOC 225 _____	SOC 290 _____	SOC 301 _____	SOC 302 _____	SOC 490 _____
Choose six additional SOC courses (at least four at or above the 300 level) _____		Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____		
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____ (SOC 301)</li> </ul>				
Minimum GPA of 2.00 in Sociology				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 553 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#HIS 308 _____	#HIS 316 _____	#One 300-level HIS Elective in American or World History _____	#HIS 430 <sup>^</sup> _____
#HIS 440 <sup>^</sup> _____	#Required for Standard Professional I License in Secondary Social Studies.		<sup>^</sup> Prerequisites: 9 sh in History, including HIS 308, 316, and 300-level elective	
<input type="checkbox"/> Declare History Minor				

<sup>8</sup> Fulfilling all requirements for Sociology with Secondary Social Studies licensure may take more than 122 credit hours.

**SECONDARY  
COMPREHENSIVE  
SCIENCE**

## **UNDERGRADUATE SECONDARY SCIENCE EDUCATION PROGRAM**

### **PURPOSE AND NATURE OF THE CURRICULUM:**

The Undergraduate Comprehensive Science Initial Licensure Programs are designed to prepare candidates to help secondary school students become active, informed, scientifically literate, and responsible citizens. Program candidates will interpret and understand how the sciences increase students' awareness of the physical and natural world. Program candidates will help secondary students acquire and perfect the skills of individual and group inquiry and help students examine a broad range of science concepts. In addition, program candidates will acquire the knowledge, skills, attitudes, and values that will enable them to assist secondary students in their efforts at being problem-solvers, good decision-makers, and wise planners.

### **GOALS OF THE PROGRAM:**

- 1) The program will enhance the development of initial science teachers through participation in a planned curriculum resulting in an initial licensure in secondary science.
- 2) The program will develop candidates who understand the philosophy and mission of secondary science education.
- 3) The program will develop candidates who understand human development and the implications for secondary education.
- 4) The program will develop candidates who critically evaluate the historical and contemporary conceptualizations of the sciences.
- 5) The program will provide for the development of skills required to formulate objectives, use resources, select content, use effective teaching strategies, evaluate learning outcomes, and interact with students, parents, and the community.
- 6) The program will develop the candidate's awareness of the necessity for continuing education and professional development.

### **PROGRAM IN INTEGRATED SCIENCE:**

The new baccalaureate program in integrated science provides an opportunity for students to develop a knowledge base in the sciences, explore one science area in depth, and study the interconnectedness of the sciences in real world situations. The program will be the foundation for a comprehensive science teacher licensure program, and provides a valuable undergraduate program for students interested in a technical foundation to accompany a liberal education. It will serve students interested in technical writing, science policy, patent law, and even professional school - a student who selects the biology or chemistry focus would complete almost all core courses recommended for pre-professional preparation. The program includes foundation courses in biology, chemistry, earth science, and physics. Students take at least three upper level courses in one science area, and several courses that investigate the nature scientific discovery, development of scientific knowledge, and the applications of science.

Student Learning Objectives:

1. Provide strong foundational knowledge in the traditional disciplines of biology, chemistry, earth science and physics
2. Provide opportunities for students to explore science as it integrates across the traditional disciplines
3. Evaluate real world problems that require interdisciplinary knowledge of the sciences
4. Provide a program for students preparing for licensure in comprehensive science at the secondary level

### **PROFESSIONAL EDUCATION REQUIREMENTS:**

- 1) STEP Courses
- 2) Secondary Science Licensure Competencies:
  - For Biology Majors: GEO 103; one from GEO 111, 205, 311, 314; MAT 151 or 191; and PHY 211 and 212 or PHY 291 and 292.
  - For Chemistry Majors: BIO 111; BIO 112; GEO 103; and one from GEO 111, 205, 311, 314.
  - For Physics Majors: BIO 111; BIO 112; GEO 103; and one from GEO 111, 205, 311, 314.



## Secondary Teacher Education Program – Comprehensive Science Curriculum

In addition to fulfilling the requirements for either a BA in Liberal Studies – Integrated Science or a BA or BS in Biology, Chemistry, or Physics, students seeking Secondary (9-12) Teaching Licensure in Comprehensive Science must complete the following courses:

### Fall Junior Year

**TED 445** – Human Diversity, Teaching, and Learning (25-hr. internship)

**ERM 401** – Assessment I: Accountability in the Nation’s Schools (1 hr., online)

**TED 401** – Child and Adolescent Development and Learning (1 hr., online)

### Spring Junior Year

**LIS 120** - Instructional Technology (1 hr.) (or earlier)

**TED 403** – English for Speakers of Other Languages (1 hr., online)

**SES 401** – Understanding and Teaching Students with Disabilities (1 hr., online)  
(25-hour internship tied to TED 403 and SES 401)

**ERM 402** - Assessment II: Standardized Tests (1 hr., online)

### Fall Senior Year

**TED 535** - Literacy in the Content Area (online) (or earlier)

**TED 559** - Teaching Practices and Curriculum in Science (50-hr. internship)

**ERM 403** - Assessment III: Classroom Assessment (1 hr., online)

### Spring Senior Year

**TED 465** - Student Teaching (12 hrs.)

### Work into any semester

BIO 111 and 111L – Principles of Biology I

BIO 112 and 112L – Principles of Biology II (prereqs.: BIO 111 and 111L)

CHE 111 and 112 – General Chemistry I

CHE 114 and 115 – General Chemistry II (prereqs.: CHE 111 and 112)

PHY 211/212 or 291/292:

#### **BA in Liberal Studies – Integrated Science:**

PHY 211 and 211L – General Physics I

PHY 212 and 212L – General Physics II (prereqs.: PHY 211 and 211L)

#### **BS in Chemistry:**

PHY 291 and 291L – General Physics I with Calculus

PHY 292 and 292L – General Physics II with Calculus (prereqs.: PHY 291 and

291L)

#### **BA or BS in Biology, BA in Chemistry, BA or BS in Physics:**

PHY 211 and 211L or PHY 291 and 291L

PHY 212 and 212L or PHY 292 and 292L

GEO 111, 205, 311, 314 (choose one) – Geology Elective

GEO 103 – Introduction to Earth Science (**BIO, CHE, and PHY majors only**; exclude for the BA in Liberal Studies – Integrated Science)

MAT 191 – Calculus I (prereqs.: MAT 150 and 151) (**CHE, PHY, and Liberal Studies – Integrated Science majors only**; BIO majors may take MAT 151 or MAT 191)

**Biology with High School Teaching Licensure in Comprehensive Science (U119) – BA (123-135 hrs)**

Name _____	ID _____	Optional Second Major or Minor _____
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**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS): GLS: BIO 111 (4 sh) _____	Social and Behavioral Sciences (GSB) _____
GLT additional _____	Mathematics (GMT): MAT 151 or 191 _____ (prereq.: MAT 150)	GRD additional _____	GNS: GPS: #GEO 103 _____	GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GNS additional: BIO 112 (4 sh) _____	GHP/GPM or GMO (choose one) (in addition to GEC req.) _____	GSB (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**Major Requirements/Electives**

BIO 301 _____	CHE 111 and 112 (1 sh) _____	CHE 114 and 115 (1 sh) _____	BIO 355 _____	BIO 392 _____
BIO 302 (1 sh), 356 (1 sh), or 393 (1 sh) (choose at least two) _____	BIO 322 and 322L (4 sh) (fall only), 341 (4 sh) (spr. only), 354 and 354L (4 sh) (spr. only), or 370 (fall only) (choose one) _____	Additional BIO courses at or above the 200-level** for a total of 30 sh _____ (____) _____ (____) _____ (____)	Highly Recommended Courses: <ul style="list-style-type: none"> <li>• CHE 351, 352, 354</li> <li>• MAT 191, 292</li> <li>• STA 271, or 571 and 571L</li> </ul>	
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (BIO 322)</li> <li>• One Writing Intensive (WI) _____ (BIO 302, 356, 393)</li> </ul>				
Minimum GPA of 2.00 in Biology courses completed at UNCG, with at least 6 sh taken at UNCG			** Only four hours at the 200-level may be counted toward the major	

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 559 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#GEO 111, 205, 311, or 314 (choose one) _____	#PHY 211 (4 sh) and 212 (4 sh), or 291 (4 sh) and 292 (4 sh) (choose one sequence) _____	#Required for secondary teaching licensure in comprehensive science.	

Biology with High School Teaching Licensure in Comprehensive Science (U218) – BS (134-146 hrs)		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS): GLS: BIO 111 (4 sh) _____	Social and Behavioral Sciences (GSB) _____
GLT additional _____	Mathematics (GMT): MAT 151 or 191 _____ (prereq.: MAT 150)	GRD additional _____	GNS: GPS: #GEO 103 _____	GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GNS additional: BIO 112 (4 sh) _____	GHP/GPM or GMO (choose one) (in addition to GEC req.) _____	GSB (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**Major Requirements/Electives**

BIO 301 _____	CHE 111 and 112 (1 sh) _____	CHE 114 and 115 (1 sh) _____	BIO 355 _____	BIO 392 _____
BIO 302 (1 sh), 356 (1 sh), or 393 (1 sh) (choose at least two) _____	BIO 322 and 322L (4 sh) (fall only), 341 (4 sh) (spr. only), 354 and 354L (4 sh) (spr. only), or 370 (fall only) (choose one) _____	At least one 500-level course _____	Additional BIO courses at or above the 200-level** for a total of 30 sh (____) (____)	CHE 351 (4 sh) (fall and sum. only) _____
CHE 352 and 354 (1 sh) (spr. and sum. only) _____	MAT 292 or STA 271 (or STA 571 and 571L) (choose one) _____	Highly Recommended Courses: BIO 499 or BIO 493 (for 2+ semester hours)		
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (BIO 322)</li> <li>• One Writing Intensive (WI) _____ (BIO 302, 356, 393)</li> </ul>				
Minimum GPA of 2.00 in Biology courses completed at UNCG, with at least 6 sh taken at UNCG			** Only four hours at the 200-level may be counted toward the major	

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 559 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#GEO 111, 205, 311, or 314 (choose one) _____	#PHY 211 (4 sh) and 212 (4 sh), or 291 (4 sh) and 292 (4 sh) (choose one sequence) _____	#Required for secondary teaching licensure in comprehensive science.	

Chemistry with High School Teaching Licensure in Comprehensive Science (U125) – BA (122 hrs)		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Natural Sciences (GNS): GPS: CHE 111 and 112 (1 sh) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Literature (GLT) _____	Social and Behavioral Sciences (GSB) _____
Additional GNS: PHY 211 (4 sh) _____	Mathematics (GMT): MAT 191 _____ (prereq.: MAT 150, 151)	GRD additional _____	GLT additional _____	GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GNS: GLS: #BIO 111 (4 sh) _____	GHP/GPM or GMO (choose one) (in addition to GEC req.) _____	GSB (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____ _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**\*\*Major Requirements/Electives**

CHE 114 and 115 (1 sh) _____	CHE 331 and 333 (1 sh) (fall only) _____	CHE 342 _____	CHE 351 and 353 (fall) _____	CHE 352 _____
CHE 355 _____	CHE 401 (0 sh) (spr. jr.) _____	CHE 402 (1 sh) _____	CHE 420 (or 556 and 557) (fall only), 442 (spr. only), 481 (fall only), 531 (spr. only), 536 (spr. only), or 553 (fall only) (choose one) _____	
MAT 292 _____	PHY 212 (4 sh) (fall and sum. only) _____		CHE 406 (4 sh) (fall only) or 461 (4 sh) (fall only) (choose one) _____	
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (CHE 402)</li> <li>• One Writing Intensive (WI) _____ (CHE 333)</li> </ul>				
**Only courses fulfilling major requirements in which a C- or better is earned may count toward the major.				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 559 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#BIO 112 (4 sh) _____	#GEO 111, 205, 311, or 314 (choose one) _____	#GEO 103 _____	#Required for secondary teaching licensure in comprehensive science.

Chemistry with High School Teaching Licensure in Comprehensive Science (U126) – BS (122 hrs)		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Natural Sciences (GNS): CHE 111 and 112 (1 sh) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Literature (GLT) _____	Social and Behavioral Sciences (GSB) _____
Additional GNS: PHY 291 (4 sh) _____	Mathematics (GMT): MAT 191 _____ (prereq.: MAT 150, 151)	GRD additional _____	GLT additional _____	GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GLS: #BIO 111 (4 sh) _____	GHP/GPM or GMO (choose one) (in addition to GEC req.) _____	GSB (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____ _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**\*\*Major Requirements/Electives**

CHE 114 and 115 (1 sh) _____	CHE 331 and 333 (1 sh) (fall only) _____	CHE 342 _____	CHE 351 and 353 (fall) _____	CHE 352 (spr) _____
CHE 355 (2 sh) (spr. only) _____	CHE 401 (0 sh.) (spr. jr. yr.) _____	CHE 402 (1 sh) (sr. only) _____	CHE 420 (or 556 and 557) (fall only) _____	CHE 442 (spr. only) _____
MAT 292 _____	MAT 293 _____	PHY 292 (4 sh) _____	CHE 461 and 463 (4 sh) (fall only) _____	CHE 462 and 464 (4 sh) (spr. only) _____
CHE 481 (2 sh) (fall only) _____	CHE 531 and 533 (1 sh) (spr. only) _____	Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____		
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (CHE 402)</li> <li>• One Writing Intensive (WI) _____ (CHE 333, 481, 533)</li> </ul>				
**Only courses fulfilling major requirements in which a C- or better is earned may count toward the major.				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 559 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#BIO 112 (4 sh) _____	#GEO 111, 205, 311, or 314 (choose one) _____	#GEO 103 _____	#Required for secondary teaching licensure in comprehensive science.

Physics with High School Teaching Licensure in Comprehensive Science (U195) – BA (127-139 hrs)		
Name _____	ID _____	Optional Second Major or Minor _____

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS): GPS: PHY 291 (4 sh) or 211 (4 sh) (choose one) _____	Social and Behavioral Sciences (GSB) _____
GLT additional _____	Mathematics (GMT): MAT 191 _____ (prereq.: MAT 150, 151)	GRD additional _____	GNS additional: #GEO 103 _____	GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GHP/GPM or GMO (choose one) (in addition to GEC req.) _____	Any GLS course (in addition to GEC req.): #BIO 111 (4 sh) _____	GSB (from a different department) (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**Major Requirements/Electives**

Choose one sequence: _____ <ul style="list-style-type: none"> <li>• If took PHY 291 to fulfill GEC req.: PHY 292 (4 sh)</li> <li>• If took PHY 211 to fulfill GEC req.: PHY 212 (4 sh)</li> </ul>	PHY 321 (spr. only) _____	PHY 323 (fall only) _____	PHY 325 (fall only) _____	PHY 401 (spr. only; sr. only) _____
PHY 327 (alt. fall only), 412 (alt. spr. only), or 413 (alt. spr. only) (choose one) _____	PHY 294 (1 sh), 321L (1 sh) (spr. only), 323L (1 sh) (fall only), 325L (1 sh) (fall only), or 395 (1 sh) (choose at least three) _____	CHE 111 and 112 (1 sh) _____	CHE 114 and 115 (1 sh) _____	CSC 130 _____
MAT 292 _____	MAT 293 _____	MAT 390 _____	MAT 394 _____	Minimum GPA of 2.00 in required PHY and MAT courses
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (PHY 401)</li> <li>• One Writing Intensive (WI) _____ (PHY 321L, 323L, 325L)</li> </ul>				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 559 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#BIO 112 (4 sh) _____	#GEO 111, 205, 311, or 314 (choose one) _____	#Required for secondary teaching licensure in comprehensive science.	

**Physics with High School Teaching Licensure in Comprehensive Science (U196) – BS (137-149 hrs)**

Name _____	ID _____	Optional Second Major or Minor _____
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**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS): GPS: PHY 291 (4 sh) or 211 (4 sh) (choose one) _____	Social and Behavioral Sciences (GSB) _____
GLT additional _____	Mathematics (GMT): MAT 191 _____ (prereq.: MAT 150, 151)	GRD additional _____	GNS additional: #GEO 103 _____	GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GHP/GPM or GMO (choose one) (in addition to GEC req.) _____	Any GLS course (in addition to GEC req.): #BIO 111 (4 sh) _____	GSB (from a different department) (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**Major Requirements/Electives**

Choose one sequence: <ul style="list-style-type: none"> <li>• If took PHY 291 to fulfill GEC req.: PHY 292 (4 sh)</li> <li>• If took PHY 211 to fulfill GEC req.: PHY 212 (4 sh)</li> </ul>	PHY 321 (spr. only) _____	PHY 323 (fall only) _____	PHY 325 (fall only) _____	PHY 401 (spr. only; sr. only) _____
PHY 327 (alt. fall only), 412 (alt. spr. only), or 413 (alt. spr. only) (choose one) _____	PHY 294 (1 sh), 321L (1 sh) (spr. only), 323L (1 sh) (fall only), 325L (1 sh) (fall only), or 395 (1 sh) (choose at least three) _____	PHY 330 (alt. spr. only), 421 (alt. spr. only), 423, 426 (spr. only), 543 (alt. fall only) (choose at least three) _____	PHY 294 (1 sh), 321L (1 sh) (spr. only), 323L (1 sh) (fall only), 325L (1 sh) (fall only), or 395 (1 sh) choose one additional course _____	CHE 111 and 112 (1 sh) _____  CHE 114 and 115 (1 sh) _____
CSC 130 _____	MAT 292 _____	MAT 293 _____	MAT 390 _____	MAT 394 _____
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (PHY 401)</li> <li>• One Writing Intensive (WI) _____ (PHY 321L, 323L, 325L)</li> </ul>				
Minimum GPA of 2.00 in required PHY and MAT courses				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 559 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#BIO 112 (4 sh) _____	#GEO 111, 205, 311, or 314 (choose one) _____	#Required for secondary teaching licensure in comprehensive science.	

Special Programs in Liberal Studies – Integrated Science Concentration with Secondary Science Licensure (U834) – BA (122 hrs.)		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS): GPS: CHE 111 and 112 (1 sh) _____	Social and Behavioral Sciences (GSB) _____
GLT additional _____	Mathematics (GMT): MAT 191 _____ (prereq.: MAT 150, 151)	GRD additional _____	GNS additional: PHY 211 (4 sh) _____	GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GHP/GPM or GMO (choose one) (in addition to GEC req.) _____	GLS course (in addition to GEC req.): BIO 111 (4 sh) _____	GSB (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**Major Requirements/Electives**

ISC 111 _____	ISC 211 _____	BIO 112 (4 sh) _____	CHE 114 and 115 (1 sh) _____	GEO 106 and 106L (4 sh) _____
GEO 311 and 311L (4 sh) _____	PHY 212 (4 sh) _____	10-13 sh in <u>one</u> of the following disciplines: _____ Biology (12 sh): BIO 301, 302 (1 sh), 355, 356 (1 sh), 392, and 393 (1 sh) Chemistry (11 sh): CHE 205 and 206 (1 sh) (fall) (or 351 (4 sh) (fall and sum.)), and CHE 372 (2 sh) (spr.), 406 (4 sh) (fall), and 407 (1 sh) (fall) Geography (13 sh): GEO 314 and 314 L (1 sh), and <u>three</u> from GEO 305, 330, 359, 510, and 511 Physics and Astronomy (10 sh): AST 209 or AST 235 (fall); and PHY 321 (spr.), 321L (1 sh) (spr.), and 345		
BIO 499; CHE 491 or 492; GEO 490; PHY 495 (choose one) _____	STA 271 _____	Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____		
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>				
Minimum GPA of 2.50 in the science courses in the major is required for the degree.			Only courses fulfilling major and related-area requirements in which a C or better is earned may count toward the degree.	

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 559 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____				



# ENGLISH

## **UNDERGRADUATE SECONDARY ENGLISH EDUCATION PROGRAM**

### **PROGRAM PHILOSOPHY:**

The Undergraduate Secondary English Education Program is designed to produce highly skilled teachers for the profession. The program provides opportunities for the prospective teacher to become effective in the classroom, meeting the demands of a challenging and changing educational environment and satisfying state licensure requirements. We see our program as a community where students and teachers apply theoretical concepts, practice strategies and develop teaching approaches. The teacher in this community uses her knowledge to help support students in becoming critical, conscious thinkers. The classroom we envision is a community as well as where students are actively engaged in making knowledge, not merely receiving it. We promote in our courses this sort of consciousness and activity among students. We recognize that when students become critical thinkers themselves, they learn how to nurture critical thinking among students they will teach.

The Undergraduate Secondary English Education Program is grounded in a thorough preparation in the liberal arts, professional studies, and in specialty courses--all of which form a dynamic collaboration that combines theory and practice, content and skill. Our emphasis on a strong background in liberal arts and in English in particular is supported by many recent recommendations for improving teacher education programs nationally, including the influential 1986 Carnegie Commission report, which calls for a fifth year of professional preparation: "Four years is not enough time to master the subjects to be taught and acquire the skills to teach them. The undergraduate years should be wholly devoted to a broad liberal education and a thorough grounding in the subjects to be taught"(73). The intent of the recommendation is clearly to strengthen the training within subject matter areas and to provide students a broad base from which to develop teaching strategies. Our requirements allow students to acquire that kind of broad knowledge of their subject as well as practice in applying it within a four-year program.

### **PROFESSIONAL EDUCATION REQUIREMENTS:**

- 1) STEP Courses
- 2) Secondary English Licensure Competencies: ENG 321 and 322

## Secondary Teacher Education Program – Secondary English Curriculum

In addition to fulfilling the requirements for a BA in English, students seeking Secondary (9-12) Teaching Licensure in English must complete the following courses:

### Fall Junior Year

**TED 445** – Human Diversity, Teaching, and Learning (25-hr. internship)

**ERM 401** – Assessment I: Accountability in the Nation’s Schools (1 hr., online)

**TED 401** – Child and Adolescent Development and Learning (1 hr., online)

### Spring Junior Year

**LIS 120** - Instructional Technology (1 hr.) (or earlier)

**TED 403** – English for Speakers of Other Languages (1 hr., online)

**SES 401** – Understanding and Teaching Students with Disabilities (1 hr., online)  
(25-hour internship tied to TED 403 and SES 401)

**ERM 402** - Assessment II: Standardized Tests (1 hr., online)

### Fall Senior Year

**TED 535** - Literacy in the Content Area (online) (or earlier)

**TED 551** - Teaching Practices and Curriculum in English (50-hr. internship)

**ERM 403** - Assessment III: Classroom Assessment (1 hr., online)

### Spring Senior Year

**TED 465** - Student Teaching (12 hrs.)

### Required English Licensure courses:

**ENG 321** – Linguistics for Teachers (recommended to be taken before ENG 322)

**ENG 322** – The Teaching of Writing (Fall only; ENG 321 recommended prereq, ENG 303, 305 one or both as prereqs)

English with High School Teaching Licensure (U157) – BA (122 hrs)		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

**Literature (GLT) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS) (laboratory course) _____ _____	Social and Behavioral Sciences (GSB) _____
**GLT additional _____	Mathematics (GMT) _____	GRD additional _____	GNS additional (from different department) _____	GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GHP/GPM or GMO (choose one) (in addition to GEC req.) _____	GNS/GLS or GPS (choose one) (in addition to GEC req.) _____	GSB (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**\*\*\*\*Major Requirements/Electives**

**Medieval to Enlightenment (choose one): ENG 211, 213, 251 _____	**Romantic to Postmodern (choose one): ENG 212, 214, 252 _____	World (choose one): ENG 201, 202, 204, 208, 209, 315, 316 _____	ENG 303 _____	ENG 305 _____
***Before-1800 (choose two): ENG 332, 335, 336, 337, 338, 339 (or 340 or 540), 342, 343, 360, 372, 381, 450, 510, 537, 541, or 561 _____		After-1800 (choose one): ENG 315, 316, 331, 333, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 358, 359, 373, 374, 375, 376, 377, 378, 379, 380, 382, 451, 545, 550, 558, 559, 563, 564, 565, or 582 _____		Choose two courses at or above the 200-level: ENG 321 _____ ENG 322 _____
**Course counts as a GLT. ***Only one course may be in Shakespeare.		****Only courses fulfilling major requirements in which a C- or better is earned may count toward the major.		
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (ENG 303 in spr.)</li> <li>• One Writing Intensive (WI) _____ (ENG 322)</li> </ul>				

**Secondary Teacher Licensure Courses**

TED 445 (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh, online) (fall jr. yr.) _____	TED 401 (1 sh, online) (fall jr. yr.) _____	ERM 402 (1 sh, online) (spr. jr. yr.) _____	TED 403 (1 sh, online) (spr. jr. yr.) _____
SES 401 (1 sh, online) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (sum. or fall sr. yr.) _____	TED 551 (50-hr. internship) (fall sr. yr.) _____	ERM 403 (1 sh, online) (fall sr. yr.) _____
TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____				

# **MATHEMATICS**

## UNDERGRADUATE SECONDARY MATHEMATICS EDUCATION PROGRAM

### **DEPARTMENT MISSION:**

The mission of the Department of Mathematics and Statistics at the University of North Carolina at Greensboro is to provide intellectual leadership in the mathematical sciences that is of direct benefit to the State of North Carolina and that commands national and international respect for the quality of its educational programs and for its depth of scholarship.

### **PROGRAM CURRICULUM INFORMATION:**

The Undergraduate Secondary Mathematics Education Program has its own handbook offering information on required courses, admissions processes, and a proposed plan of study. The *Secondary Mathematics Teacher Licensure Handbook* may be found at <http://www.uncg.edu/math/undergraduate/teaching/LicensureHandbook.pdf>

### **DEPARTMENT GOALS:**

The Department of Mathematics and Statistics is committed to offering well-rounded academic programs, which will provide graduates with competitive job skills, to contributing to the advancement of knowledge and techniques in Mathematics and Statistics through an active research program and to:

- 1) Providing flexible, solid undergraduate and graduate programs emphasizing both theoretical and applied skills, which challenge the intellect and cater to the diverse interests of our students.
- 2) Building and maintaining a first-rate, enthusiastic and vigorous faculty across the broad spectrum of mathematical sciences with the aims that each individual is internationally recognized for the depth and originality of his or her contributions and that collaborations lead to an environment that enhances combined contributions.
- 3) Being a resource in the mathematical sciences for other disciplines whose own activities have an ever-increasing need for the power of mathematics and statistics and to encourage and promote interdisciplinary partnerships, both on campus and in the larger research community.
- 4) Advancing our role in providing high quality training in mathematics teacher education to supply the anticipated need for well-prepared, competent elementary and secondary school mathematics teachers.
- 5) Providing service to the university, community and profession.

### **PROFESSIONAL EDUCATION REQUIREMENTS:**

- 1) STEP Courses
- 2) Secondary Mathematics Licensure Competencies:
  - MAT 330 (fall, jr. yr.)
  - MAT 405 (spring, jr. yr.)
  - MAT 406 (fall, sr. yr.)

## Secondary Teacher Education Program – Secondary Mathematics Curriculum

In addition to fulfilling the requirements for a BA in Mathematics, students seeking Secondary (9-12) Teaching Licensure in Mathematics must complete the following courses:

### Fall Junior Year

**TED 445** – Human Diversity, Teaching, and Learning (25-hr. internship)

**ERM 401** – Assessment I: Accountability in the Nation’s Schools (1 hr., online)

**TED 401** – Child and Adolescent Development and Learning (1 hr., online)

**MAT 330** – Axiomatic Foundations of Geometry

### Spring Junior Year

**LIS 120** - Instructional Technology (1 hr.) (or earlier)

**TED 403** – English for Speakers of Other Languages (1 hr., online)

**SES 401** – Understanding and Teaching Students with Disabilities (1 hr., online) (25-hour internship tied to TED 403 and SES 401)

**ERM 402** - Assessment II: Standardized Tests (1 hr., online)

**MAT 405** – Foundations of Mathematics for Teaching I (prereq.: MAT 310)

### Fall Senior Year

**TED 535** - Literacy in the Content Area (online) (or earlier)

**ERM 403** - Assessment III: Classroom Assessment (1 hr., online)

**MAT 406** – Foundation of Mathematics for Teaching II (prereq.: MAT 330)

### Spring Senior Year

**MAT 465** - Student Teaching (12 hrs.)

**\*For the 2012-2013 school year and forward, students will be required to enter the BA Mathematics major if Teacher Education licensure is pursued. Students currently in any BS Mathematics majors with teaching licensure will be allowed to continue pursuit of the major until graduation.**

Mathematics with High School Teaching Licensure (U183) – BA (122 hrs)		
Name _____	ID _____	Optional Second Major or Minor _____

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS) (laboratory course) _____	Social and Behavioral Sciences (GSB) _____
GLT additional _____	Mathematics (GMT): MAT 191 _____ (Prereq.: MAT 150, 151)	GRD additional _____	GNS additional (from different department) _____	GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GHP/GPM or GMO (choose one) (in addition to GEC req.) _____	GNS/GLS or GPS (choose one) (in addition to GEC req.) _____	GSB (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**Major Requirements/Electives**

MAT 253 _____	MAT 292 _____	MAT 293 _____	MAT 310 _____	MAT 390 (spr. only) _____
STA 290 _____	MAT 394 _____	MAT 311 _____	MAT 395 _____	MAT 490 (1sh) (sr. only) _____
One 500-level MAT course (excluding MAT 503, 504, 505, and 513) _____				
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI): _____ (MAT 490 (1 sh))</li> <li>• One Writing Intensive (WI): _____ (MAT 311)</li> </ul>				
Minimum GPA of 2.50 in required MAT/STA courses taken at UNCG				
If considering graduate studies in mathematics, then encouraged to take the following courses: <ul style="list-style-type: none"> <li>• MAT 591, 592, 595, or 596 (choose at least two)</li> <li>• MAT 514, 515, 516, 517, 518, 522, 531, 532, 540, 541, 542, 545, 546, 549, 556, 591, 592, 595, or 596 (choose at least two)</li> </ul>				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	ERM 403 (1 sh) (fall sr. yr.) _____	#MAT 330 (fall jr. yr.) _____
#MAT 405 (spr. jr. yr.) _____	#MAT 406 (fall sr. yr.) _____	MAT 465 (12 sh) (student teaching) (spr. sr. yr.) _____		
#Required for Standard Professional I License in Secondary Mathematics.				



Mathematics (Applied Mathematics Concentration) with High School Teaching Licensure (U850) – BS (122 hrs)		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS) (laboratory course) _____	Social and Behavioral Sciences (GSB) _____
GLT additional _____	Mathematics (GMT): MAT 191 _____ (Prereq.: MAT 150, 151)	GRD additional _____	GNS additional (from different department) _____	GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GHP/GPM or GMO (choose one) (in addition to GEC req.) _____	GNS/GLS or GPS (choose one) (in addition to GEC req.) _____	GSB (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**Major Requirements/Electives**

MAT 253 _____	MAT 292 _____	MAT 293 _____	MAT 310 _____	MAT 390 (spr. only) _____
STA 290 _____	MAT 394 _____	MAT 311 _____	MAT 395 (fall only) _____	MAT 522, 531, 532, 540, 545, 546, 549, or 556 (choose one) _____
MAT 522, 531, 532, 540, 545, 546, 549, 556 (excluding the one already taken); CSC 523, 524, 526; STA 551, 552 (choose one) _____	PHY 291 (4 sh) (spr. only) and 292 (4 sh) (fall only); CHE 111 and 112 (1 sh) and 114 and 115 (1 sh); or BIO 111 (4 sh) and 112 (4 sh) (choose one sequence) _____	Any MAT course at or above the 200-level (excluding MAT 220, 303, 304, 503, 504, 505, 513); CSC 261, 322, 330, 523, 524, 526, 529, 539, 553, 555, 561; STA 351, 352, 551, 552, 573, 574, 575; ECO 301, 319, 351; PHY 323, 325, 423, 426; CHE 242, 461, 462 (choose three) _____		
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (MAT 490 (1 sh) (sr. only))</li> <li>• One Writing Intensive (WI) _____ (MAT 311)</li> </ul>				
Minimum GPA of 2.50 in required MAT/STA courses taken at UNCG				
If considering graduate studies in mathematics, then encouraged to take the following courses: <ul style="list-style-type: none"> <li>• MAT 591, 592, 595, or 596 (choose at least two)</li> <li>• MAT 514, 515, 516, 517, 518, 522, 531, 532, 540, 541, 542, 545, 546, 549, 556, 591, 592, 595, or 596 (choose at least two)</li> </ul>				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	#TED 558 (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 557 (50-hr. internship) (fall sr. yr.) _____
ERM 403 (1 sh) (fall sr. yr.) _____	TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#MAT 330 (fall jr. yr.) _____	#MAT 405 (spr. jr. yr.) _____	#MAT 406 (fall sr. yr.) _____
#Required for Standard Professional I License in Secondary Mathematics.				

Mathematics (Computer Science Concentration) with High School Teaching Licensure (U854) – BS (122 hrs)		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS) (laboratory course) _____	Social and Behavioral Sciences (GSB) _____
GLT additional _____	Mathematics (GMT): MAT 191 _____ (Prereq.: MAT 150, 151)	GRD additional _____	GNS additional (from different department) _____	GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GHP/GPM or GMO (choose one) (in addition to GEC req.) _____	GNS/GLS or GPS (choose one) (in addition to GEC req.) _____	GSB (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**Major Requirements/Electives**

CSC 130 _____	MAT 253 _____ MAT 353 _____	MAT 292 _____	CSC 230 _____	MAT 293 _____
CSC 330 _____	MAT 310 _____	MAT 390 (spr. only) _____	STA 290 _____	MAT 394 _____
MAT 311 _____	MAT 395 (fall only) _____	CSC 339 (spr. only) or 340 (spr. only) (choose one) _____	***MAT 515, 531, 532, 541, 542, 549, 556; **CSC 523, 524, 526, 553, 555: STA 551, 552 (choose two) _____	
#Any ***MAT course at or above the 300-level (excluding MAT 303, 304, 503, 504, 505, and 513 and in addition to any already taken***); **CSC 523, 524, 526, 553, 555, 593, 594 (in addition to any already taken**); STA 351, 352, 551, 552, 573, 574, 575, 593, 594 (choose three) _____		**Two 400-level or 500-level CSC courses (if not already taken**) (____) (____)	***One 500-level MAT course (excluding MAT 503, 504, 505, and 513) (if not already taken***) (____)	PHY 291 (4 sh) (spr. only) and 292 (4 sh) (fall only); CHE 111 and 112 (1 sh) and 114 and 115 (1 sh); or BIO 111 (4 sh) and 112 (4 sh) (choose one sequence) _____
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (MAT 490 (1 sh) (sr. only))</li> <li>• One Writing Intensive (WI) _____ (MAT 311)</li> </ul>				
Minimum GPA of 2.50 in required MAT/STA courses taken at UNCG				
If considering graduate studies in mathematics, then encouraged to take the following courses: <ul style="list-style-type: none"> <li>• MAT 591, 592, 595, or 596 (choose at least two)</li> <li>• MAT 514, 515, 516, 517, 518, 522, 531, 532, 540, 541, 542, 545, 546, 549, 556, 591, 592, 595, or 596 (choose at least two)</li> </ul>				
#Must take nine semester hours with six hours at the 500-level				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	#TED 558 (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 557 (50-hr. internship) (fall sr. yr.) _____
ERM 403 (1 sh) (fall sr. yr.) _____	TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#MAT 330 (fall jr. yr.) _____	#MAT 405 (spr. jr. yr.) _____	#MAT 406 (fall sr. yr.) _____
#Required for Standard Professional I License in Secondary Mathematics.				

Mathematics (Pure Mathematics Concentration) with High School Teaching Licensure (U851) – BS (122 hrs)		
Name	ID	Optional Second Major or Minor

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS) (laboratory course) _____	Social and Behavioral Sciences (GSB) _____
GLT additional _____	Mathematics (GMT): MAT 191 _____ (Prereq.: MAT 150, 151)	GRD additional _____	GNS additional (from different department) _____	GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GHP/GPM or GMO (choose one) (in addition to GEC req.) _____	GNS/GLS or GPS (choose one) (in addition to GEC req.) _____	GSB (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**Major Requirements/Electives**

MAT 253 _____	MAT 292 _____	MAT 293 _____	MAT 310 _____	MAT 390 (spr. only) _____
STA 290 _____	MAT 394 _____	MAT 311 _____	MAT 395 (fall only) _____	MAT 514, 515, 517, 518, 519, 522, 531, 532, 540, 545, 591, 592, 595, or 596 (choose three) _____
Any MAT course at or above the 200-level (excluding MAT 220, 303, 304, 503, 504, 505, and 513); CSC 523, 524, 553, 555; STA 351, 352, 551, 552, 573, 574, 575 (choose three) _____	PHY 291 (4 sh) (spr. only) and 292 (4 sh) (fall only); CHE 111 and 112 (1 sh) and 114 and 115 (1 sh); or BIO 111 (4 sh) and 112 (4 sh) (choose one sequence) _____	If considering graduate studies in mathematics, then encouraged to take the following courses: <ul style="list-style-type: none"> <li>• MAT 591, 592, 595, or 596 (choose at least two)</li> <li>• MAT 514, 515, 516, 517, 518, 522, 531, 532, 540, 541, 542, 545, 546, 549, 556, 591, 592, 595, or 596 (choose at least two)</li> </ul>		
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (MAT 490 (1 sh) (sr. only))</li> <li>• One Writing Intensive (WI) _____ (MAT 311)</li> </ul>				
Minimum GPA of 2.50 in required MAT/STA courses taken at UNCG				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	#TED 558 (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 557 (50-hr. internship) (fall sr. yr.) _____
ERM 403 (1 sh) (fall sr. yr.) _____	TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#MAT 330 (fall jr. yr.) _____	#MAT 405 (spr. jr. yr.) _____	#MAT 406 (fall sr. yr.) _____
#Required for Standard Professional I License in Secondary Mathematics.				

Mathematics (Statistics Concentration) with High School Teaching Licensure (U855) – BS (122 hrs)		
Name _____	ID _____	Optional Second Major or Minor _____

**General Education Core (GEC)**

Literature (GLT) _____	Historical Perspectives on Western Culture (GHP) _____	Reasoning and Discourse (GRD): ENG 101, FMS 115, or RCO 101 (choose one) _____	Natural Sciences (GNS) (laboratory course) _____	Social and Behavioral Sciences (GSB) _____
GLT additional _____	Mathematics (GMT): MAT 191 _____ (Prereq.: MAT 150, 151)	GRD additional _____	GNS additional (from different department) _____	GSB additional _____
Fine Arts (GFA) _____	Philosophical, Religious, Ethical Principles (GPR) _____	General Education Marker Requirements (p. 71-8 of Bulletin): <ul style="list-style-type: none"> <li>• Four Global/Global Non-Western Perspectives (GL/GN) (one must be GN) _____</li> <li>• One Speaking Intensive (SI) _____</li> <li>• One Writing Intensive (WI) _____</li> </ul>		

**College of Arts and Sciences Additional Requirements (CAR)**

*Foreign Language (GFL) _____ (101, 102, 203, 204)	GHP/GPM or GMO (choose one) (in addition to GEC req.) _____	GNS/GLS or GPS (choose one) (in addition to GEC req.) _____	GSB (in addition to GEC req.) _____	Four WI (including GEC and major req.) _____
*Intermediate-level proficiency in one language (placement test or completion of course work through course number 204)				

**Major Requirements/Electives (p. 262-9 of Bulletin)**

CSC 130 or 230 or 231 _____	MAT 292 _____	MAT 293 _____	MAT 310 _____	#MAT 390 (spr. only) _____
STA 290 _____	MAT 394 _____	STA 291 (spr. only) _____	#MAT 395* _____	STA 352 (spr. only) _____
Two STA course at or above the 300-level _____	One STA course at the 500-level _____	Any additional STA courses at or above the 300-level (excluding STA 571); MAT 353, 531, 541, 542; CSC 523, 524, 526 (choose two) _____	MAT 490 (1 sh) (sr. only) _____	Recommended Courses: <ul style="list-style-type: none"> <li>• ISM 318</li> <li>• ENG 327</li> <li>• Coursework beyond the GEC req. in an area of application (e.g. BIO, PSY, etc.)</li> </ul>
Electives sufficient to complete 122 semester hours required for degree (including a total of 36 semester hours at or above the 300-level): _____				
<ul style="list-style-type: none"> <li>• One Speaking Intensive (SI) _____ (MAT 490 (1 sh) (sr. only))</li> <li>• One Writing Intensive (WI) _____ (MAT 311)</li> </ul>				
Minimum GPA of 2.50 in required MAT/STA courses taken at UNCG				
If considering graduate studies in mathematics, then encouraged to take the following courses: <ul style="list-style-type: none"> <li>• MAT 591, 592, 595, or 596 (choose at least two)</li> <li>• MAT 514, 515, 516, 517, 518, 522, 531, 532, 540, 541, 542, 545, 546, 549, 556, 591, 592, 595, or 596 (choose at least two)</li> </ul>				

**Secondary Teacher Licensure Courses**

TED 445 (formerly 545) (25-hr. internship) (fall. jr. yr.) _____	ERM 401 (1 sh) (fall jr. yr.) _____	TED 401 (1 sh) (fall jr. yr.) _____	ERM 402 (1 sh) (spr. jr. yr.) _____	TED 403 (1 sh) (spr. jr. yr.) _____
SES 401 (1 sh) (spr. jr. yr.) _____	#TED 558 (spr. jr. yr.) _____	LIS 120 (1 sh) (sum. or spr. jr. yr.) _____	TED 535 (online) (sum. or fall sr. yr.) _____	TED 557 (50-hr. internship) (fall sr. yr.) _____
ERM 403 (1 sh) (fall sr. yr.) _____	TED 465 (12 sh) (student teaching) (spr. sr. yr.) _____	#MAT 330 (fall jr. yr.) _____	#MAT 405 (spr. jr. yr.) _____	#MAT 406 (fall sr. yr.) _____
#Required for Standard Professional I License in Secondary Mathematics.				

# FOREIGN LANGUAGE (FRENCH & SPANISH) AND CLASSICAL STUDIES (LATIN)

**\*\*Special Note: Foreign Language and Classical Studies Secondary Teacher Education Programs will be advised by their respective departments. Please contact the following individuals for more information:**

**Latin:** Dr. David Wharton ([wharton@uncg.edu](mailto:wharton@uncg.edu))

**Classical Studies (Latin) Website:** <http://www.uncg.edu/cla/acert.html>

**Foreign Language:** Amy Williamson ([arwill25@uncg.edu](mailto:arwill25@uncg.edu))

- **French:** Contact department
- **Spanish:** Dr. Mariche Garcia de las Bayonas ([megarcia@uncg.edu](mailto:megarcia@uncg.edu))

**French Website:** <https://llc.uncg.edu/french/>

**Spanish Website:** <https://llc.uncg.edu/spanish/>

**Classical Studies (Latin):** <https://classics.uncg.edu/undergraduate/license-for-teaching-latin/>



## APPENDIX A

### Teacher Education Departmental Policies and Procedures

**Grade Point Average:** Student whose GPA drops below 3.00 have one semester to raise their overall GPA back to 3.00 or higher. Failure to achieve the 3.00 or higher after one semester results in a student not being able to continue in his/her respective licensure program.

**Student Teaching:** Eligibility to enter student teaching requires maintaining a GPA of 3.00 after being admitted to Teacher Education and achieving a grade of C or better in each professional course related to licensure, including content courses and pedagogical courses.

**Teacher Education Appeals:** Appeals concerning Teacher Education requirements, GPA of 3.00 or higher for admission to teacher education or to student teaching, or waiver of any other requirement), should be submitted by the respective program administrator to the Office of Student Services Director.

Students wishing to make an appeal concerning Teacher Education policies must obtain a “Teacher Education Appeal Form” from the Office of Student Services. Upon completion of Sections I, II, and III, the student must have the advisor or designated faculty member complete Section IV. The student’s advisor or designee must then forward the Teacher Education Appeal Form to the Office of Student Services Director, whereupon the Director will rule on the appeal and so notify the advisor and student. In some cases, the Director of the Office of Student Services may act as a “court of last resort.”

**Graduation with Honors:** Honors are awarded to graduating seniors. For summa cum laude, a minimum GPA of 3.90 is required; for magna cum laude, 3.7; for cum laude, 3.5. The designation of graduation with honors is based on all grades for which grades and grade points are given.

## APPENDIX B

### Appeals Process

#### TED Grade Appeals Process

**Grade Appeals:** As stated in the Undergraduate Bulletin, if a student wishes to appeal an assigned grade for a course, the student should first discuss the concerns with the instructor. If desired, the student may further appeal to the Department Head, the Dean of the School of Education, and the Provost, in that order.

**Program Admission Or Continuation Appeals:** If a student wishes to appeal denial of admission to a program or denial for continuation in a program (Elementary, Middle Grades, Secondary) she or he should appeal to the TED appeals committee using the same guidelines as required by the University Academic Appeal Committee. Circumstances that merit an appeal include personal or family emergencies, short term unexpected medical difficulties or serious short term psychological difficulties. In all cases, grounds for continuation appeals presume and are predicated on good faith and persistent efforts to alert the student's advisor of potential problems with academic or internship performance as early as practicable during the semester(s) in question.

**Guidelines:** Appeals must be submitted one week before classes begin. Decisions will be made as soon as possible, but no later than the first day of classes. Information to be included in the appeal:

- \_\_\_\_\_ A typed letter of appeal that should not exceed two double-spaced pages. The letter should explain the category of circumstances for an appeal (i.e., personal or family emergency, medical problems, psychological or emotional difficulties), the events (with dates) and circumstances that were detrimental to your performance as well as an explanation of how these circumstances have been addressed to improve the probability of future success.
- \_\_\_\_\_ Documentation to support the appeal (death notices, accident reports, medical reports, invoices, etc.)
- \_\_\_\_\_ College transcripts that show academic performance over time as well as the most recent g.p.a (Transfer students should send a copy of transcripts from other institutions). These do not have to be official transcripts as long as they are clearly marked with the name of the institution.
- \_\_\_\_\_ Letters from professionals who have knowledge of the circumstances you describe such as your advisor, team leader, OSTE, counselor, doctor, etc. (These are optional, but encouraged.)

The appeals committee will seek information from the student's advisor and/or other faculty who have knowledge of the student's academic or internship performance history. The advisor and/or other faculty will read the letter of appeal and respond to it in writing or orally to the entire appeals committee. Decisions will be sent to the student in writing. Appeals to the committee's recommendations can be made to the Department Chair, Office of Student Services, Dean, and Provost, following the standard UNCG appeals process.



## APPENDIX C

### Grading Policy

#### TED Departmental Grading Policy

The School of Education is a professional school, and the Teacher Education/Higher Education Department is responsible for preparing professional teachers. The criterion for excellence is embedded in the word “professional” -- that is, an ability to use professional knowledge creatively and adaptively and to engage in appropriate dispositional characteristics. TED instructors are dedicated to two propositions: (1) providing students with adequate background and scaffolding for them to understand the content and pedagogy in question and (2) assigning grades that reflect each student’s potential to be a professional. Consequently, you are not entitled to a particular grade by virtue of your admission to the School of Education; rather, your instructor has the responsibility to make a professional judgment about both your performance and your disposition and to assign a grade accordingly. Specifically, TED instructors will use the following criteria when assigning grades to assignments:

A – Excellent work that demonstrates not only a clear understanding of the material but also a **superior** ability to utilize that material in the assignment submitted. All criteria are met. The student’s work goes beyond the task and contains **additional, unexpected or outstanding features**.

B – A solid piece of work that demonstrates a good understanding of the material under study and utilizes that material well in the assignment submitted. The student meets the assignment criteria, with few errors or omissions, but there are few additional, unexpected or outstanding features.

C – Work that demonstrates a technical, or basic, understanding of the material under study and which utilizes that material adequately in the assignment submitted. The work meets the assignment criteria.

D – Work that fails to demonstrate a basic, or technical, understanding of the material under study and fails to use relevant material in the assignment submitted. Work may not address one or more criteria or may not accomplish what was asked.

F – Work that is incomplete, inappropriate, and/or shows little or no comprehension of the class material in the assignment submitted.

Regarding the final course grade, the instructor will compute scores on the course assignments according to the criteria specified in this syllabus. The instructor then has the obligation and reserves the right to raise or lower the final grade based on evidence regarding performance and/or disposition if, in his or her judgment, the work and/or disposition of the student warrants it.

**APPENDIX D**

## Praxis I Substitution Table Effective January 5, 2006

	<b>PRAXIS I READING</b>	<b>PRAXIS I WRITING</b>	<b>PRAXIS I MATHEMATICS</b>
<b>SAT</b> Total $\geq$ 1100	<b>EXEMPT</b>	<b>EXEMPT</b>	<b>EXEMPT</b>
<b>SAT</b> Total < 1100 Verbal $\geq$ 550	<b>EXEMPT</b>	<b>EXEMPT</b>	Must take & pass Score $\geq$ 173
<b>SAT</b> Total < 1100 Math $\geq$ 550	Must take & pass Score $\geq$ 176	Must take & pass Score $\geq$ 173	<b>EXEMPT</b>
<b>ACT</b> Total $\geq$ 24	<b>EXEMPT</b>	<b>EXEMPT</b>	<b>EXEMPT</b>
<b>ACT</b> Total < 24 English $\geq$ 24	<b>EXEMPT</b>	<b>EXEMPT</b>	Must take & pass Score $\geq$ 173
<b>ACT</b> Total < 24 Math $\geq$ 24	Must take & pass Score $\geq$ 176	Must take & pass Score $\geq$ 173	<b>EXEMPT</b>

# PRAXIS I Information

## Effective July 1, 2014

<b>PRAXIS</b> <b>Core Academic Skills Exam</b> <b>Passing Scores</b>	<b>PRAXIS I PPST</b> <b>Pre-Professional Exam</b> <b>Passing Scores</b>
Reading Score - 156	Reading Score - 176
Writing Score - 162	Writing Score - 173
Mathematics Score - 150	Mathematics Score - 173
Composite Score - 468	Composite Score - 522
<b>SAT Scores</b> <b>For Exemption</b>	<b>ACT Scores</b> <b>For Exemption</b>
Exempt from Reading - Verbal 550	Exempt from Reading - English 24
Exempt from Writing - Verbal 550	Exempt from Writing - English 24
Exempt from Math - Math 550	Exempt from Math - Math 24
Exempt from Exam - Verbal + Math = 1100	Exempt from Exam - Composite Score 24

## APPENDIX E

### Preparing for High School Teaching Timeline

FR Fall	FR Spring
<p>Get a good start on major requirements especially prerequisites, GEC, and CAR requirements.</p>	<p>Continue taking major requirements &amp; GEC &amp; CAR.</p> <p>Students interested in Social Studies Licensure should maximize the efficiency in their GSB choices.</p>

SO Fall	SO Spring
<p>Continue taking major requirements &amp; GEC &amp; CAR.</p> <p>Students interested in Social Studies Licensure should begin taking History requirements.</p> <p>Students should plan on taking the Praxis unless they have a qualifying score on SAT (Verbal &amp; Math total of at least 1100) or ACT (Composite of at least 24)</p>	<p>Continue taking major requirements &amp; GEC &amp; CAR.</p> <p>Students interested in Social Studies Licensure should continue taking History requirements.</p> <p>Candidates should apply for admission to Teacher Education at the end of their Sophomore year. All candidates must be admitted no later than the first semester of their Junior year.  <b>NOTE: For secondary majors, these candidates must be admitted no later than the first day of the Fall semester of their senior year.</b></p>

JR Fall	JR Spring
<p><b>TED 445</b> Human Diversity, Teaching and Learning 3 sh:</p> <p>MUST be taken in the Fall semester of the junior year. This is the first course secondary majors take for their internship experience. <b>THE ONLY TIME UNDERGRADUATES CAN TAKE THIS COURSE IS IN THE FALL OF THEIR JUNIOR YEAR.</b> There is no compromise on this. Students must follow a four-semester sequence of public school internship engagement (Fall of junior year – TED 445; Spring of junior year – TED 403 and SES 401; Fall of senior year – TED 5XX; Spring of senior year – TED 465X). If we do not follow this sequence, our program area could be in jeopardy with the NC Department of Public Instruction.</p> <p><b>ERM 401</b> Assessment I: Accountability in the Nation’s Schools 1 sh</p>	<p><b>TED 403</b> English for Speakers of Other Languages 1sh</p> <p><b>SES 401</b> Understanding and Teaching Students with Disabilities 1 sh</p> <p>TED 403 and SES 401 must be taken in the Spring semester of the junior year. The second (25-hr.) internship in students’ internship experience is tied to TED 403 and SES 401.</p> <p><b>ERM 402</b> Assessment II: Standardized Testing 1 sh</p> <p><b>LIS 120</b> Instructional Technology 1 sh</p> <p>Applications for student teaching must be submitted to the Office of Student Services ONE year prior to student teaching (February 15 deadline). There is a 2.5 GPA requirement for students to be admitted to the Teacher Education; <b>HOWEVER</b>, students must also maintain department GPA requirements (<b>3.0 GPA</b>) for Teacher Education admission <b>AND</b> for student teaching.</p>
<p><b>TED 401</b> Child and Adolescent Development 1 sh and Learning</p>	

SR Fall	SR Spring
<p><b>TED 5XX</b> Teaching Practices &amp; Curriculum in *** 3 sh</p> <p>Must be taken in the Fall semester of the senior year. Only time offered. If students miss taking this, they have to wait a whole year to take it again. This the third course in students' internship experience. They will be required to complete at least 50 contact hours in their internship.</p> <p><b>TED 535</b> Literacy in the Content Area 3 sh</p> <p><b>ERM 403</b> Assessment III: Classroom Assessment 1 sh</p>	<p><b>TED 465</b> Student Teaching &amp; seminar 12 sh</p> <p>Must be taken in the Spring semester of their senior year. Only time offered. This is the student teaching experience. This is a full time experience for students (8+ hours a day/ 5 days a week/ semester long). Students should NOT be taking any other courses during their student teaching experience. A job is also not recommended.</p> <p>Take PRAXIS II (required for those obtaining licensure as of 7/1/14)</p> <p>Submit Teaching Portfolio via TaskStream.</p> <p>Apply for Teaching Licensure.</p>

## APPENDIX F

### Online Resources for Secondary Education Students

#### Teacher Education:

[http://soe.uncg.edu/wp-content/uploads/2016/01/TE\\_Handbook.08.25.2016-2.pdf](http://soe.uncg.edu/wp-content/uploads/2016/01/TE_Handbook.08.25.2016-2.pdf)

#### Teacher Education Application:

<http://soe.uncg.edu/services/office-of-student-services-advising/forms-and-applications/>

\*Click on ADMISSIONS Application under Teacher Education

#### Student Teaching Application:

[https://docs.google.com/a/uncg.edu/forms/d/e/1FAIpQLSe11hYetkz-DaI83\\_24EtFo8GvyUMhGiiXgh8tVcfppY3ahaA/viewform](https://docs.google.com/a/uncg.edu/forms/d/e/1FAIpQLSe11hYetkz-DaI83_24EtFo8GvyUMhGiiXgh8tVcfppY3ahaA/viewform)

#### Undergraduate Licensure Application:

<http://soe.uncg.edu/services/office-of-student-services-advising/forms-and-applications/>

\*Go to the Licensure area on the page to find a link to the online portal and instructions

PRAXIS Exams: <http://www.ets.org/praxis>

#### Secondary Licensure Areas:

English Licensure: <http://www.uncg.edu/eng/undergraduate/BAlicensure/introduction.html>

Mathematics Licensure: <http://www.uncg.edu/math/undergraduate/teaching/>

Social Studies Licensure: <https://sites.google.com/a/uncg.edu/awjourne/secondary-social-studies-students>

Anthropology Department: <https://anthropology.uncg.edu/>

Economics Department: <http://bryan.uncg.edu/econ/>

Geography Department: <https://geo.uncg.edu/>

History Department: <https://his.uncg.edu/>

Political Science Department: <https://psc.uncg.edu/>

Psychology Department: <https://psy.uncg.edu/>

Sociology Department: <https://soc.uncg.edu/>

#### Science Licensure:

Biology Department: <http://biology.uncg.edu/>

Chemistry Department: <https://chem.uncg.edu/>

Physics Department: <http://physics.uncg.edu/>

Liberal Studies – Integrated Science Program:

<https://aas.uncg.edu/isc/index.html>