



Department of Health, Physical, and Secondary Education
 Master of Arts in Teaching
 Secondary Education: Biology (9-12)
 Program of Study
 2020-2021

Name:	Banner #:
Date:	Expected Program Completion Date:

Course Number	Course Title	Credit Hours	Semester Final Grade	Advisor's Signature
INITIAL LICENSURE REQUIREMENTS SPECIALTY AREA BIOLOGY (9 - 12)				
(CHOOSE 1) *MATH 130 Or *MATH 131	Precalculus II Algebra and Trigonometry	3		
BIOL 200/200L	Cellular Biology (Lecture and Lab)	4		
BIOL 210/210L	General Botany (Lecture and Lab)	4		
BIOL 220/220L	General Zoology (Lecture and Lab)	4		
BIOL 310/310L	Principles of Genetics (Lecture and Lab)	4		
BIOL 320	Biology Seminar	1		
BIOL 330/330L	Microbiology and Immunology (Lecture and Lab)	4		
BIOL 351/351L	Ecology (Lecture and Lab)	4		
CHEM 141 And CHEM 141L	General Chemistry I Lecture General Chemistry I Laboratory	3 1		
CHEM 161 And CHEM 161L	General Chemistry II Lecture General Chemistry II Laboratory	3 1		
GEOL 311	Introduction to Geology I	3		
PHYS 115/125L	General Physics I and College Physics I Lab	4		

If student passes and submits scores for the North Carolina State Board of Education (NCSBE) required content area examination [PRAXIS II Biology: Content Knowledge (5235)] for the requested licensure area of Biology (9-12), the specialty area licensure course requirements listed above will be waived.				
M.A.T. Core Course Requirements (6 Credits)				
EDUC 610	Planning and Implementing Instruction for Diverse Learners	3		
EDUC 630	Advanced Educational Psychology	3		
M.A.T. Initial Licensure Specialty Area Requirements (15 Credits)				
EDUC 615	Techniques of Teaching in the Middle/High School (<i>Science</i>)	3		
EDUC 616	Teaching and Technology in the Middle and Secondary Schools	3		
EDUC 644	Foundations and Curriculum Development	3		
READ 552	Teaching Literacy Across Content Areas	3		
SPED 530	Introduction to Exceptional Children	3		
Advanced Clinical Experience (9 credits)				
**EDUC 692	Advanced Professional Seminar	3		
**EDUC 697	Advanced Clinical Experience	6		
<p>**All MAT Secondary Education students must enroll in EDUC 692 Advanced Professional Seminar (3 sch) and EDUC 697 Advanced Clinical Experience (6 sch) to complete the MAT Secondary Education Program. All MAT students, including Residency Licensure teachers, must complete and submit a Clinical Experience (Student Teaching) application to the HPSE department chair's office. The application for Clinical Experience (Student Teaching) must be submitted the semester before the clinical experience (EDUC 692 & EDUC 697) is anticipated.</p> <p>Note: In order to apply for your license in Secondary Biology (9 – 12) you must take and successfully pass the PRAXIS II Biology: Content Knowledge exam and edTPA (Task 1, 2, & 3).</p> <p>Candidates who are not currently employed as a Residency Licensure teacher must be placed in a public school classroom by the College of Education's Office of Teacher Education.</p>				
TOTAL # Of CREDITS		30		

Approval Recommended: _____

(Signature of Student)

(Date)

(Advisor)

(Date)

(Chairperson)

(Date)