

TEACHER EDUCATION, M.ED.

The M.Ed. in Teacher Education offers 10 concentrations, including seven concentrations that culminate with the development of an Advanced Competencies Portfolio, providing eligibility for candidates to apply for "M" licensure from the North Carolina Department of Public Instruction or preparation for advanced graduate study in educational research or policy. All concentrations and tracks require 33-36 credit hours for the master's degree.

The program is designed for candidates who already hold the Standard Professional I license or initial license to teach and wish to pursue more advanced study in a field of education.

Field experiences (school-based activities) are required across the curriculum of the M.Ed. programs.

For information regarding deadlines and requirements for admission, please see the Guide to Graduate Admissions (<https://grs.uncg.edu/prospective/guide/>).

In addition to the application materials required by The Graduate School, applicants must submit a personal statement and resume.

Degree Program Requirements

Required: 33-36 credit hours

Code	Title	Credit Hours
Core Courses for all Concentrations (9 credits) *		
TED 545 or TED 646	Human Diversity, Teaching, and Learning Introduction to Equity Education	3
TED 669	Educational Implications of Learning and Developmental Theory	3
ERM 605 or ERM 604	Educational Measurement and Evaluation Methods of Educational Research	3
Concentration Requirements (24-27 credits)		
Select one of the following concentrations:		24-27
<i>Elementary Education Concentration</i>		
<i>Elementary Mathematics Education Concentration</i>		
<i>Elementary Science Education Concentration</i>		
<i>The Learning Sciences (Educational Psychology) Concentration</i>		
<i>Literacy Education K-12 Concentration</i>		
<i>Middle/Secondary English Language Arts Education Concentration</i>		
<i>Middle/Secondary Mathematics Education Concentration</i>		
<i>Middle/Secondary Science Education Concentration</i>		
<i>Middle/Secondary Social Studies Education Concentration</i>		
<i>Teaching English to Speakers of Other Languages (TESOL) Concentration</i>		
Total Credit Hours		33-36

* Unless otherwise noted. Or approved substitutes.

Advanced Competencies Portfolio and Other Required Culminating Experiences (Capstone Experience)

For some tracks, a technology portfolio and PRAXIS exams are necessary for licensure and graduation, while for others only the Advanced Competencies Portfolio and a possible assessment day are required.

Elementary Education Concentration

Required: 33 credit hours

Code	Title	Credit Hours
Core Courses (9 credits)		
Core courses for all concentrations		9
Pedagogical Expertise (18 credits)		
Select 18 credits from TED, ELC, LIS, or SES courses *		18
Professional Development/Leadership (6 credits)		
TED 676	Teacher as Researcher and Leader I	3
TED 677	Teacher as Researcher and Leader II	3
Total Credit Hours		33

* On basis of approved plan of study.

Elementary Mathematics Education Concentration

Required: 33 credit hours

Code	Title	Credit Hours
Core Courses (9 credits)		
Core courses for all concentrations		9
Pedagogical Expertise (18 credits)		
TED 658	Number Systems and Operations: K-5 Mathematical Tasks	3
TED 659	Rational Numbers and Operations: K-5 Learning Trajectories	3
TED 660	Data Analysis and Measurement: K-5 Classroom Interactions	3
TED 661	Algebraic Reasoning: K-5 Discourse and Questioning	3
TED 662	Geometry and Spatial Visualization: K-5 Assessment	3
TED 663	Mathematical Modeling: K-5 Leadership	3
Professional Development/Leadership (6 credits)		
TED 676	Teacher as Researcher and Leader I	3
TED 677	Teacher as Researcher and Leader II	3
Total Credit Hours		33

Elementary Science Education Concentration

Required: 30 credit hours

Code	Title	Credit Hours
Core Courses (9 credits)		
TED 646	Introduction to Equity Education	3
TED 669	Educational Implications of Learning and Developmental Theory	3
ERM 605 or ERM 604	Educational Measurement and Evaluation Methods of Educational Research	3
Pedagogical Expertise (15 credits)		
TED 632	Science Education: Teaching Practices and Curriculum	3
TED 651	Life Sciences in the Elementary School	3
TED 652	Physical Sciences in the Elementary School	3

TED 653	Earth and Space Sciences in the Elementary School	3
TED 657	Nature of Science, Technology, and Society	3
Professional Development-Leadership (6 credits)		
TED 676	Teacher as Researcher and Leader I	3
TED 677	Teacher as Researcher and Leader II	3
Total Credit Hours		30

The Learning Sciences (Educational Psychology) Concentration

Required: 33 credit hours

Code	Title	Credit Hours
Core Courses (9 credits)		
TED 545 or TED 646	Human Diversity, Teaching, and Learning Introduction to Equity Education	3
TED 669	Educational Implications of Learning and Developmental Theory	3
ERM 605	Educational Measurement and Evaluation	3
Concentration/Expertise (18 credits)		
Select 18 credits *		18
Professional Development/Leadership (6 credits)		
Select one of the following options: **		6
<i>Teacher as Researcher and Leader Option (6 credits)</i>		
TED 676 & TED 677	Teacher as Researcher and Leader I and Teacher as Researcher and Leader II	3
<i>Thesis Option (6 credits)</i>		
TED 699	Thesis	3
Total Credit Hours		33

* Selected in collaboration with the advisor to form a coherent program of study in a chosen area of expertise, from among Learning Theory, Motivation, Advanced Pedagogical Expertise, Research, or Policy. Courses are selected from the TED department as well as other departments within the School of Education or other related departments across the university.

** As a capstone experience, students in the Learning Sciences Concentration will choose between a Teacher as Researcher and Leader option or, with advisor approval, students who are interested in exploring a specific research problem in depth may choose to complete a thesis.

Literacy Education K-12 Concentration

Required: 36 credit hours

Code	Title	Credit Hours
Core Courses (9 credits)		
TED 646	Introduction to Equity Education	3
TED 669	Educational Implications of Learning and Developmental Theory	3
ERM 605	Educational Measurement and Evaluation	3
Pedagogical Expertise (18 credits)		
Select 18 credits from the following:		18
TED 590	Community Literacies and Adult Learners	3
TED 614	Word Study	3

TED 616	Literacy Development and Instruction Across the Elementary Grades	3
TED 617A	Practicum in Literacy Assessment and Instruction	3
TED 617B	Advanced Practicum in Literacy Assessment, Instruction, and Leadership	3
TED 619	Issues and Trends in Literacy Education	3
TED 626	Middle Grades Curriculum and Instruction	3
TED 640	Writing Instruction Across the Grade Levels	3
TED 695	Youth Literacies: Advanced Topics in Education	3
Professional Development/Leadership (9 credits)		
TED 628	Trends and Issues in Curriculum and Instruction *	3
TED 676	Teacher as Researcher and Leader I	3
TED 677	Teacher as Researcher and Leader II	3
Total Credit Hours		36

* Or approved substitute.

Middle/Secondary English Language Arts Concentration

Required: 33 credit hours

Code	Title	Credit Hours
Core Courses (9 credits)		
Core courses for all concentrations		9
Pedagogical Expertise (9 credits)		
TED 626	Middle Grades Curriculum and Instruction	3
TED 628	Trends and Issues in Curriculum and Instruction ¹	3
TED 695	Youth Literacies: Advanced Topics in Education	3
Content Area Specialization Courses (9-10 credits)		
TED 645 (COURSE INACTIVE)		3
Select one course (3-4 credits) from the following: ²		3-4
ENG 522	Teaching Composition: Theories and Applications	3
ENG 590 (COURSE INACTIVE)		
ENG 602	Electronic Research, Writing, and Editing	3
Select one course (3 credits) from the following: ^{2,3}		3
TED 604	Applied Linguistics for ESL Teachers	3
TED 618	Teaching English as a Second Language	3
TED 616	Literacy Development and Instruction Across the Elementary Grades	3
Professional Development/Leadership (6 credits)		
TED 676	Teacher as Researcher and Leader I	3
TED 677	Teacher as Researcher and Leader II	3
Total Credit Hours		33

¹ TED 628 with appropriate topics: Gender and Education, Identity Matters, Youth Literacies.

² Or approved substitute.

³ With consent of advisor.

Middle/Secondary Mathematics Education Concentration

Required: 33 credit hours

Code	Title	Credit Hours
Core Courses (9 credits)		
Core courses for all concentrations		9
Pedagogical Expertise (9 credits)		
TED 630	Mathematics Teaching in Middle and Secondary Studies	3
TED 671	Thinking and Learning in Middle Grades and Secondary Mathematics: Number and Algebra	3
TED 673	Thinking and Learning in Middle Grades and Secondary Mathematics: Geometry, Statistics, and Probability	3
Mathematics Education Elective (6 credits)		
Select two courses (6 credits) from the following: *		6
MAT 503	Problem Solving in Mathematics	
MAT 505	Foundations of Mathematics for Teaching I	
MAT 513	Historical Development of Mathematics	
MAT 614	Theory of Numbers	
MAT 616	Intermediate Abstract Algebra	
MAT 619	Intuitive Concepts in Topology	
MAT 620	Non-Euclidean Geometry	
MAT 621	Projective Geometry	
MAT 635	Differential Equations and Orthogonal Systems	
MAT 640	Introductory Complex Analysis	
Professional Development/Leadership (9 credits)		
TED 664	Teaching Problem Solving	3
TED 676	Teacher as Researcher and Leader I	3
TED 677	Teacher as Researcher and Leader II **	3
or TED 670	Research in Mathematics Education	
Total Credit Hours		33

* Select courses under advisement from the Departments of Mathematics and Statistics and Teacher Education and Higher Education.

** TED 670 if offered.

Middle/Secondary Science Education Concentration

Required: 33 credit hours

Code	Title	Credit Hours
Core Courses (9 credits)		
Core courses for all concentrations		9
Pedagogical Expertise (15 credits)		
TED 623	Environmental Education	3
TED 632	Science Education: Teaching Practices and Curriculum	3
TED 657	Nature of Science, Technology, and Society	3
Select two approved content courses (6 credits) in the College of Arts and Sciences *		6
Professional Development/Leadership (9 credits)		
TED 638A (COURSE INACTIVE) or TED 638B (COURSE INACTIVE) **		3
TED 676	Teacher as Researcher and Leader I	3
TED 677	Teacher as Researcher and Leader II	3
Total Credit Hours		33

* Or a second semester of TED 623 Environmental Education, TED 657 Nature of Science, Technology, and Society, and/or TED 632 Science Education: Teaching Practices and Curriculum with instructor permission or approved substitutes.

** Or TED 626 Middle Grades Curriculum and Instruction.

Middle/Secondary Social Studies Education Concentration

Required: 36 credit hours

Code	Title	Credit Hours
Core Courses (9 credits)		
Core courses for all concentrations		9
Pedagogical Expertise (18 credits)		
TED 631	Trends in Teaching Practices and Curriculum in Secondary School Social Studies	3
Select 9 credits of content courses from 500- or 600-level ATY, ECO, GES, HIS, PSC, PSY, or SOC courses		9
Select two courses (6 credits) in different categories from the following:		6
<i>ESL</i>		
TED 523	Legal, Historical, and Cultural Issues in ESL *	
TED 628	Trends and Issues in Curriculum and Instruction	
<i>SES</i>		
SES 540	Introduction to Special Education	
SES 643	Special Education Trends/Issues	
<i>Technology</i>		
TED 628	Trends and Issues in Curriculum and Instruction *	
Professional Development/Leadership (9 credits)		
TED 638A (COURSE INACTIVE) or TED 638B (COURSE INACTIVE) **		3
TED 676	Teacher as Researcher and Leader I	3
TED 677	Teacher as Researcher and Leader II	3
Total Credit Hours		36

* Or approved substitute.

** Or TED 626 Middle Grades Curriculum and Instruction.

Teaching English to Speakers of Other Languages (TESOL) Concentration

Required: 36 credit hours

Code	Title	Credit Hours
Core Courses (9 credits)		
Core courses for all concentrations		9
Pedagogical Expertise (15 credits)		
TED 523	Legal, Historical, and Cultural Issues in ESL	3
TED 603	Literacy Instruction for English Language Learners	3
TED 604	Applied Linguistics for ESL Teachers	3
TED 614	Word Study *	3
TED 618	Teaching English as a Second Language	3
Electives (6 credits)		
Select 6 credits of electives **		6
Professional Development/Leadership (6 credits)		

TED 676	Teacher as Researcher and Leader I	3
TED 677	Teacher as Researcher and Leader II	3
Total Credit Hours		36

* *Or approved substitute.*

** *Under advisement; to include courses in reading, language arts, math, science, social studies, instructional technology, and special education.*