ADOLESCENCE MATHEMATICS (M.S.T.)

30 credits

NYSED 28439/30606

This clinically-rich master's degree program in adolescence mathematics prepares candidates to teach mathematics as a content-area subject in grades 7 through 12. Graduates of the program qualify and are endorsed for New York state certification in Mathematics 7–12.

CIP Code

13.1311 - Mathematics Teacher Education.

You can use the CIP code to learn more about career paths associated with this field of study and, for international students, possible post-graduation visa extensions. Learn more about CIP codes and other information resources.

Admissions

In addition to the general requirements for graduate study and for initial teacher education programs, candidates for the adolescence mathematics program must have an undergraduate major in mathematics or its equivalent with a minimum of 30 credits in specific mathematics content areas.

Otherwise qualified candidates who lack coursework in a specified area may be admitted conditionally, but must make up the content deficit prior to completion of the program. Attendance at an Adolescence M.S.T. information session is recommended.

Requirements

Program of Study

Course	Title	Credits
UEGE 5102	Historical, Philosophical, and Multicultural Foundations of American Education	3
CTGE 5420	Educating Culturally and Linguistically Diverse Learners: Pre K-12	3
CTGE 5287	Clinical Seminar in Adolescence Mathematics	3
CTGE 5547	Literacy and Learning Across the Curriculum	3
CTGE 5302	Psychology of Adolescent Development and Learning	3
CTGE 5286	Teaching and Assessing Mathematics in Adolescent Classrooms	3
CTGE 5165	Consultation and Co-Teaching in Collaborative Classrooms	3
CTGE 6261	Critical Digital Literacies and Futures for Educators	3
CTGE 5155	Special Education Foundations: Past, Present, Future	3
CTGE 5402	Teaching and Learning with Diverse Adolescents: Assessment and Planning	3
CTGE 0709	Adolescence Education Portfolio	0
CTGE 5200	Field Experience Seminar: Issues in Reflective Practice (taken twice)	0
Total Credits		**30**

Required Workshops

The workshops listed below are required of all Initial Teaching (M.S.T.) programs as well as certain other programs related to NY state licensure.

- Child Abuse Identification and Reporting Workshop (EDGE 0210)
- Dignity for All Students Training (EDGE 0260)
- Drug, Alcohol, and Tobacco Training (EDGE 0220)
- Schools Against Violence Education Workshop (EDGE 0230)