

TRANSFORMATIONAL TEACHING STUDENTS WITH DISABILITIES AND COMPUTER SCIENCE (MAT)

Department Website (<http://steinhardt.nyu.edu/teachlearn/>)

NYSED: 41184 HEGIS: 0808.00 CIP: 13.1206

Program Description

This Master of Arts in Teaching program in Transformational Teaching in Middle and High School for Students with Disabilities and Computer Science prepares prospective teachers to work with students with disabilities and within computer science education contexts. Dynamic computer science education research is combined with established special education practices, enabling students to work as equitable and inclusive educators who create meaningful experiences and varied access points.

This program leads to eligibility for New York State initial teaching certification in Students with Disabilities Generalist 7–12 and Teaching a Special Subject (All Grades): Computer Science.

Accreditation (AAQEP)

The New York University Teacher Education Program, which is designed to prepare students to meet the challenges of teaching and leadership in today's demanding educational environment, is granted accreditation by the Association for Advancing Quality Educator Programs (AAQEP) for a period of seven years, from April 2020 to June 2027. This accreditation certifies that the fore-named professional education program has provided evidence that the program adheres to AAQEP's quality principles.

Admissions

Admission to graduate programs in the Steinhardt School of Culture, Education, and Human Development requires the following minimum components:

- Résumé/CV
- Statement of Purpose
- Letters of Recommendation
- Transcripts
- Proficiency in English

See NYU Steinhardt's Graduate Admissions website (<https://steinhardt.nyu.edu/admissions/how-apply/graduate-students/>) for additional information on school-wide admission. Some programs may require additional components for admissions.

See How to Apply (<https://steinhardt.nyu.edu/degree/mat-teaching-students-with-disabilities-and-computer-science/how-apply/>) for admission requirements and instructions specific to this program.

Program Requirements

| Course | Title | Credits |
|-------------------------|--|---------|
| Pedagogical Core | | |
| TCHL-GE 2010 | Inquiries Into Teaching & Learning III | 3 |

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| TCHL-GE 2515 | Adolescent Learners in Urban Contexts | 2 |
| TCHL-GE 2275 | Lang/Lit Acquisition Dev | 3 |
| TCHL-GE 2999 | Drug, Alcohol Ed/Child Abuse ID/School Violence/DASA: | 0 |
| SPCED-GE 2124 | Historical and Contemporary Issues in Special Educ Policy, Research and Practice | 3 |
| Specialized Pedagogy/Fieldwork for Social Studies Education | | |
| SPCED-GE 2162 | Ed of Std With Disab in Middle Clhd/Adole Settnng | 3 |
| SPCED-GE 2052 | Methods of Instruction for Children with Low Incidence Disabilities | 3 |
| SPCED-GE 2136 | Assessment for Students with Disabilities | 3 |
| SPCED-GE 2108 | Learning Environments, Behavior, and Students with Disabilities | 3 |
| MTHED-GE 2110 | Introduction to Computer Science Education | 3 |
| MTHED-GE 2080 | Teaching of Computer Science | 3 |
| Advanced Topics Elective, by advisement | | |
| Student Teaching Courses | | |
| SPCED-GE 2524 | Teaching Students with Disabilities: Middle School | 3 |
| or SPCED-GE 2526 | Teaching Students with Disabilities: High School | |
| MTHED-GE 2076 | Student Teaching in Computer Science | 3 |
| Total Credits | | 38 |

Sample Plan of Study

| Course | Title | Credits |
|--------------------------|--|-----------|
| 1st Semester/Term | | |
| TCHL-GE 2010 | Inquiries Into Teaching & Learning III | 3 |
| TCHL-GE 2515 | Adolescent Learners in Urban Contexts | 2 |
| Credits | | 5 |
| 2nd Semester/Term | | |
| MTHED-GE 2110 | Introduction to Computer Science Education | 3 |
| SPCED-GE 2124 | Historical and Contemporary Issues in Special Educ Policy, Research and Practice | 3 |
| SPCED-GE 2162 | Ed of Std With Disab in Middle Clhd/Adole Settnng | 3 |
| MTHED-GE 2076 | Student Teaching in Computer Science | 3 |
| TCHL-GE 2999 | Drug, Alcohol Ed/Child Abuse ID/School Violence/DASA: | 0 |
| Credits | | 12 |
| 3rd Semester/Term | | |
| SPCED-GE 2136 | Assessment for Students with Disabilities | 3 |
| Credits | | 3 |
| 4th Semester/Term | | |
| SPCED-GE 2108 | Learning Environments, Behavior, and Students with Disabilities | 3 |
| MTHED-GE 2080 | Teaching of Computer Science | 3 |
| SPCED-GE 2526 | Teaching Students with Disabilities: High School | 3 |
| Advanced Topics Elective | | |
| Credits | | 12 |
| 5th Semester/Term | | |
| SPCED-GE 2052 | Methods of Instruction for Children with Low Incidence Disabilities | 3 |
| TCHL-GE 2275 | Lang/Lit Acquisition Dev | 3 |
| Credits | | 6 |
| Total Credits | | 38 |

Learning Outcomes

Upon successful completion of the program, graduates will:

1. Build relationships with students and families with the goal of fostering student learning, engagement and well-being.
2. Integrate theory/research with pedagogical and classroom practice.
3. Develop and implement discipline-based curricula, unit plans and lessons that are coherent, use culturally relevant pedagogies, and foster experiential learning.
4. Create and apply classroom strategies that are explicit, innovative, appropriate for a specific context, and use technology to support student learning.
5. Develop a practice that is equitable and inclusive and acquire the skills of a professional educator.

Policies

Program Policies

Fieldwork Placement

Be advised that fieldwork placement facilities that provide training required for your program degree, and agencies that issue licenses for practice in your field of study, each may require you to undergo general and criminal background checks, the results of which the facility or agency must find acceptable before it will allow you to train at its facility or issue you a license. You should inform yourself of offenses or other facts that may prevent obtaining a license to practice in your field of study. NYU Steinhardt will not be responsible if you are unable to complete program requirements or cannot obtain a license to practice in your field because of the results of such background.

NYU Policies

University-wide policies can be found on the New York University Policy pages (<https://bulletins.nyu.edu/nyu/policies/>).

Steinhardt Academic Policies

Additional academic policies can be found the Steinhardt academic policies page (<https://bulletins.nyu.edu/graduate/culture-education-human-development/academic-policies/>).