

# TRANSFORMATIONAL TEACHING IN MIDDLE AND HIGH SCHOOLS (MAT)

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

NYSED: 40987 HEGIS: 0803.00 CIP: 13.1205

## Program Description

This Master of Arts in Teaching program in Transformational Teaching in Middle and High School prepares teachers of secondary education, and leads to eligibility for initial certification in teaching English, math, science, history/social studies for grades 7-12 with extensions for grades 5 and 6, and special education in urban settings serving diverse student populations. A second option is offered for those interested in special education to also seek dual certification in computer science, all grades (<https://bulletins.nyu.edu/graduate/culture-education-human-development/programs/transformational-teaching-students-disabilities-computer-science-mat/>).

The curriculum, which can be completed in one year of full-time study, focuses on preparing teachers who can create experiences in their classrooms that transform how teenagers engage with and care about their own learning, and adopts an holistic approach to education seeking to explore innovations in research and teaching and how new ideas inside and outside of the classroom can transform the education of young people.

This program represents a reconceptualization of teacher preparation for the 21st century, following NYU's vision for academic excellence and innovative practices. It aligns with current research on best practices in teacher preparation by engaging candidates in examining problems of practice and identifying ways to address those problems.

## 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 H (<https://bulletins.nyu.edu/graduate/culture-education-human-development/programs/teaching-learning-phd/>)ow to Apply (<https://bulletins.nyu.edu/graduate/culture-education-human-development/programs/teaching-learning-phd/>) for admission requirements and instructions specific to this program.

## Program Requirements

This program prepares teachers of secondary education, and leads to eligibility for initial certification in the following areas:

### English Education

Course	Title	Credits
<b>Required Courses</b>		
<i>Pedagogical Core</i>		
TCHL-GE 2010	Inquiries Into Teaching & Learning III	3
TCHL-GE 2515	Adolescent Learners in Urban Contexts	2
TCHL-GE 2999	Drug, Alcohol Ed/Child Abuse ID/School Violence/DASA:	0
WLGED-GE 2914	Workshop in World Language Education	1-6
SPCED-GE 2124	Historical and Contemporary Issues in Special Educ Policy, Research and Practice	3
<i>Specialized Pedagogy/Fieldwork for English Education</i>		
ENGED-GE 2501	Masters Sem:Eng Ed	3
ENGED-GE 2041	Teaching/Learning English Language Arts Middle & HS	3
TCHL-GE 2275	Lang/Lit Acquisition Dev (or ENGED-GE 2XXX: Content Elective)	3
ENGED-GE 2XXX	Elective	3
TCHL-GE 2120	Curriculum and Research in Literacy and the Language Arts (culminating experience/task)	3
<i>Student Teaching Courses</i>		
ENGED-GE 2911	Student Teaching in the English Language Arts: Placement I	3
ENGED-GE 2922	Student Teaching in the English Language Arts: Placement II	3
<b>Total Credits</b>		<b>30</b>

### Mathematics Education

Course	Title	Credits
<b>Required Courses</b>		
<i>Pedagogical Core</i>		
TCHL-GE 2010	Inquiries Into Teaching & Learning III	3
TCHL-GE 2275	Lang/Lit Acquisition Dev	3
TCHL-GE 2515	Adolescent Learners in Urban Contexts	2
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
WLGED-GE 2914	Workshop in World Language Education	1
<i>Specialized Pedagogy/Fieldwork for Mathematics Education</i>		
MTHED-GE 2034	Educational Technology in Secondary School Mathematics	2
MTHED-GE 2035	Teaching of Algebra and Rational Numbers, Grades 5-12	3
MTHED-GE 2036	Geometry for Teachers	4
MTHED-GE 2033	Teaching of Secondary School Mathematics	3
<i>Student Teaching Courses</i>		
MTHED-GE 2911	Student Teaching in Mathematics Education: Middle and High School I	3

MTHED-GE 2922	Student Teaching in Mathematics Education: Middle and High School II	3
<b>Total Credits</b>		<b>30</b>

## Science Education

Course	Title	Credits
<b>Required Courses</b>		
<i>Pedagogical Core</i>		
TCHL-GE 2010	Inquiries Into Teaching & Learning III	3
TCHL-GE 2275	Lang/Lit Acquisition Dev	3
TCHL-GE 2515	Adolescent Learners in Urban Contexts	2
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
WLGED-GE 2914	Workshop in World Language Education	1-6
<i>Specialized Pedagogy/Fieldwork for Science Education</i>		
SCIED-GE 2039	Methods I: Teaching of SCI in Middle & Hs	3
SCIED-GE 2040	Methods II:Teaching SCI in Middle & High Schools	3
SCIED-GE 2092	Designing Curricula for Teaching Science	3
TCHL-GE 2405	Data Assessment for Educators	3
<i>Student Teaching Courses</i>		
SCIED-GE 2911	Student Teaching Science Education:Middle School	3
SCIED-GE 2922	Student Teaching Science Education: High School	3
<b>Total Credits</b>		<b>30</b>

## Social Studies

Course	Title	Credits
<b>Required Courses</b>		
<i>Pedagogical Core</i>		
TCHL-GE 2010	Inquiries Into Teaching & Learning III	3
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
WLGED-GE 2914	Workshop in World Language Education	1
<i>Specialized Pedagogy/Fieldwork for Social Studies Education</i>		
SOCED-GE 2146	Master Sem in Soc Std	3
SOCED-GE 2042	Teaching Soc Std in The Middle/Secondary Sch	3
SOCED-GE 2047	Key Debates in U.S. History	3
SOCED-GE 2048	Key Debates in Global History	3
<i>Student Teaching Courses</i>		
SOCED-GE 2911	Student Teaching in Social Studies: Middle and High School I	3
SOCED-GE 2922	Student Teaching in Social Studies: Middle and High School II	3
<b>Total Credits</b>		<b>30</b>

## Students with Disabilities, Generalist

Course	Title	Credits
<b>Required Courses</b>		
<i>Pedagogical Core</i>		
TCHL-GE 2010	Inquiries Into Teaching & Learning III	3
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
WLGED-GE 2914	Workshop in World Language Education	1
<i>Specialized Pedagogy/Fieldwork</i>		
SPCED-GE 2162	Ed of Std With Disab in Middle Clhd/Adole Settng	3
SPCED-GE 2052	Methods of Instruction for Children with Low Incidence Disabilities	3
SPCED-GE 2108	Learning Environments, Behavior, and Students with Disabilities	3
SPCED-GE 2136	Assessment for Students with Disabilities	3
<i>Student Teaching Courses</i>		
SPCED-GE 2526	Teaching Students with Disabilities: High School	3
SPCED-GE 2524	Teaching Students with Disabilities: Middle School	3
<b>Total Credits</b>		<b>30</b>

## Sample Plan of Study English Education

Course	Title	Credits
<b>1st Semester/Term</b>		
TCHL-GE 2010	Inquiries Into Teaching & Learning III	3
ENGED-GE 2501	Masters Sem:Eng Ed	3
ENGED-GE 2041	Teaching/Learning English Language Arts Middle & HS	3
SPCED-GE 2124	Historical and Contemporary Issues in Special Educ Policy, Research and Practice	3
ENGED-GE 2911	Student Teaching in the English Language Arts: Placement I	3
TCHL-GE 2999	Drug, Alcohol Ed/Child Abuse ID/School Violence/DASA:	0
<b>Credits</b>		<b>15</b>
<b>2nd Semester/Term</b>		
TCHL-GE 2515	Adolescent Learners in Urban Contexts	2
TCHL-GE 2120	Curriculum and Research in Literacy and the Language Arts	3
ENGED-GE 2922	Student Teaching in the English Language Arts: Placement II	3
WLGED-GE 2914	Workshop in World Language Education	1
TCHL-GE 2275	Lang/Lit Acquisition Dev	3
ENGED-GE ----	Content Elective	3
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>30</b>

## Mathematics Education

Course	Title	Credits
<b>1st Semester/Term</b>		
TCHL-GE 2010	Inquiries Into Teaching & Learning III	3
MTHED-GE 2035	Teaching of Algebra and Rational Numbers, Grades 5-12	3

MTHED-GE 2911	Student Teaching in Mathematics Education: Middle and High School I	3
SPCED-GE 2124	Historical and Contemporary Issues in Special Educ Policy, Research and Practice	3
MTHED-GE 2033	Teaching of Secondary School Mathematics	3
TCHL-GE 2999	Drug, Alcohol Ed/Child Abuse ID/School Violence/ DASA:	0
<b>Credits</b>		<b>15</b>
<b>2nd Semester/Term</b>		
TCHL-GE 2515	Adolescent Learners in Urban Contexts	2
MTHED-GE 2034	Educational Technology in Secondary School Mathematics	2
MTHED-GE 2922	Student Teaching in Mathematics Education: Middle and High School II	3
WLGED-GE 2914	Workshop in World Language Education	1
TCHL-GE 2275	Lang/Lit Acquisition Dev	3
MTHED-GE 2036	Geometry for Teachers	4
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>30</b>

## Science Education

Course	Title	Credits
<b>1st Semester/Term</b>		
TCHL-GE 2010	Inquiries Into Teaching & Learning III	3
SCI-GE 2039	Methods I: Teaching of SCI in Middle & Hs	3
SCI-GE 2092	Designing Curricula for Teaching Science	3
SPCED-GE 2124	Historical and Contemporary Issues in Special Educ Policy, Research and Practice	3
TCHL-GE 2999	Drug, Alcohol Ed/Child Abuse ID/School Violence/ DASA:	0
SCI-GE 2911	Student Teaching Science Education: Middle School	3
<b>Credits</b>		<b>15</b>
<b>2nd Semester/Term</b>		
TCHL-GE 2515	Adolescent Learners in Urban Contexts	2
SCI-GE 2040	Methods II: Teaching SCI in Middle & High Schools	3
SCI-GE 2021	SCI in Hist Perspective	3
WLGED-GE 2914	Workshop in World Language Education	1
TCHL-GE 2275	Lang/Lit Acquisition Dev	3
SCI-GE 2922	Student Teaching Science Education: High School	3
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>30</b>

## Social Studies

Course	Title	Credits
<b>1st Semester/Term</b>		
TCHL-GE 2010	Inquiries Into Teaching & Learning III	3
SOCED-GE 2042	Teaching Soc Std in The Middle/Secondary Sch	1-3
SOCED-GE 2048	Key Debates in Global History	3
SPCED-GE 2124	Historical and Contemporary Issues in Special Educ Policy, Research and Practice	3
MTHED-GE 2911	Student Teaching in Mathematics Education: Middle and High School I	3
TCHL-GE 2999	Drug, Alcohol Ed/Child Abuse ID/School Violence/ DASA:	0
<b>Credits</b>		<b>15</b>
<b>2nd Semester/Term</b>		
TCHL-GE 2515	Adolescent Learners in Urban Contexts	2
SOCED-GE 2146	Master Sem in Soc Std	3
SOCED-GE 2922	Student Teaching in Social Studies: Middle and High School II	3
WLGED-GE 2914	Workshop in World Language Education	1
TCHL-GE 2275	Lang/Lit Acquisition Dev	3

SOCED-GE 2047	Key Debates in U.S. History	3
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>30</b>

## Students with Disabilities, Generalist

Course	Title	Credits
<b>1st Semester/Term</b>		
TCHL-GE 2010	Inquiries Into Teaching & Learning III	3
SPCED-GE 2052	Methods of Instruction for Children with Low Incidence Disabilities	3
SPCED-GE 2162	Ed of Std With Disab in Middle Clhd/Adole Setng	3
SPCED-GE 2124	Historical and Contemporary Issues in Special Educ Policy, Research and Practice	3
SPCED-GE 2524	Teaching Students with Disabilities: Middle School	3
TCHL-GE 2999	Drug, Alcohol Ed/Child Abuse ID/School Violence/ DASA:	0
<b>Credits</b>		<b>15</b>
<b>2nd Semester/Term</b>		
TCHL-GE 2515	Adolescent Learners in Urban Contexts	2
SPCED-GE 2136	Assessment for Students with Disabilities	3
SPCED-GE 2108	Learning Environments, Behavior, and Students with Disabilities	3
WLGED-GE 2914	Workshop in World Language Education	1
TCHL-GE 2275	Lang/Lit Acquisition Dev	3
SPCED-GE 2526	Teaching Students with Disabilities: High School	3
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>30</b>

## Learning Outcomes

Upon successful completion of this program, students will be able to:

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/>).