MATHEMATICS, BS/ADOLESCENT, MST

For the undergraduate curriculum, please see the undergraduate section of this catalog.

New York City Campus:

Adolescent Education (SINGLE CERTIFICATE) NYC

Adolescent Education (SI Course	Title	Credits
Year 4		
Fall		
MAT 490	Mathematics Seminar Capstone Experience I	1
MAT 305	Complex Variables	3
or MAT 311	or Real Analysis	
EDG 606	Learning Environments	3
EDG 610	Curriculum and Methods in Inclusive Settings	3
Open Elective		6
	Credits	16
Spring		
MAT 491	Mathematics Seminar Capstone Experience II	2
MAT 301	Algebraic Structures	3
or MAT elective (200 or high	her)	
EDG 611	Mathematics Instruction and Assessment in Inclusive Adolescent Classrooms	3
EDG 609	Language, Literacy, and Global Perspectives	3
or EDG 605	or General Assessment	
Open Elective		3
	Credits	14
Summer		
EDG 605	General Assessment	3
or EDG 609	or Language, Literacy, and Global Perspectives	
	Credits	3
Year 5		
Fall		
EDG 638	Society, Schools, and Adolescent Development	3
EDG 617	Inclusive Literacy Assessment and Instruction	4
EDG 620	Educational Research for Teaching	3
Dyson or SOE Open Elective	e (Advised for Financial Aid)	3
	Credits	13
Spring		
EDG 621	Seminar in Inclusive	2-3
EDG 622	Clinical Practice in Teaching Adolescents and Teaching Adolescent Students with Disabilities	3
	Credits	5-6
	Total Credits	51-52

- Possible SOE Electives include MS extension, bilingual extensions, TESOL/Literature
- Possible Dyson Electives could be related to CIS

Adolescent Special Education (DUAL CERTIFICATE) NYC

Additional Policy International Policy Internationa		
Course	Title	Credits
Year 4		
Fall		
MAT 490	Mathematics Seminar Capstone Experience I	1
MAT 305	Complex Variables	3
or MAT 311	or Real Analysis	
EDG 606	Learning Environments	3

	Total Credits	57-58
	Credits	8-9
EDG 620	Educational Research for Teaching	3
EDG 622	Clinical Practice in Teaching Adolescents and Teaching Adolescent Students with Disabilities	3
EDG 621	Seminar in Inclusive	2-3
Spring		
	Credits	13
EDG 618	Individual Program Planning	3
EDG 617	Inclusive Literacy Assessment and Instruction	4
EDG 616	Cross-Disciplinary Instruction and Assessment in Inclusive Adolescent Classroom	3
EDG 607	Supporting Positive Behavior and Autonomy	3
Fall		
Year 5	Credits	6
EDG 609	Language, Literacy, and Global Perspectives	3
EDG 605	General Assessment	3
Summer		
	Credits	14
Open Elective		3
EDG 638	Society, Schools, and Adolescent Development	3
EDG 611	Mathematics Instruction and Assessment in Inclusive Adolescent Classrooms	3
MAT 301	Algebraic Structures	3
MAT 491	Mathematics Seminar Capstone Experience II	2
Spring	Greate	
open Elective	Credits	16
Open Elective	commend for 470)	3
Open Elective (strongly re		3
EDG 610	Curriculum and Methods in Inclusive Settings	3

[•] Possible Dyson Electives could be related to CIS

PLV campus:

Adolescent Education (SINGLE CERTIFICATE) PLV

Course	Title	Credits
Year 4		
Fall		
MAT 400	Mathematics: Connections, Communications, Research	3
MAT 305 or MAT 311	Complex Variables or Real Analysis	3
EDG 606	Learning Environments	3
EDG 610	Curriculum and Methods in Inclusive Settings	3
Open Elective		3
	Credits	15
Spring		
MAT 301	Algebraic Structures	3
EDG 611	Mathematics Instruction and Assessment in Inclusive Adolescent Classrooms	3
EDG 609 or EDG 605	Language, Literacy, and Global Perspectives or General Assessment	3
Open Elective		3
Open Elective		3
	Credits	15

Credits Year 5 Fall EDG 638 Society, Schools, and Adolescent Development EDG 617 Inclusive Literacy Assessment and Instruction EDG 620 Educational Research for Teaching Dyson or SOE Open Elective (Advised for Financial Aid) Credits Spring EDG 621 Seminar in Inclusive EDG 622 Clinical Practice in Teaching Adolescents and Teaching Adolescent Students with Disabilities Dyson or SOE Open Elective (Advised for Financial Aid) Credits Credits	
Year 5 Fall EDG 638 Society, Schools, and Adolescent Development EDG 617 Inclusive Literacy Assessment and Instruction EDG 620 Educational Research for Teaching Dyson or SOE Open Elective (Advised for Financial Aid) Credits Spring EDG 621 Seminar in Inclusive EDG 622 Clinical Practice in Teaching Adolescents and Teaching Adolescent Students with Disabilities	8-9
Credits Year 5 Fall EDG 638 Society, Schools, and Adolescent Development EDG 617 Inclusive Literacy Assessment and Instruction EDG 620 Educational Research for Teaching Dyson or SOE Open Elective (Advised for Financial Aid) Credits Spring EDG 621 Seminar in Inclusive EDG 622 Clinical Practice in Teaching Adolescents and Teaching Adolescent Students with	3
Credits Year 5 Fall EDG 638 Society, Schools, and Adolescent Development EDG 617 Inclusive Literacy Assessment and Instruction EDG 620 Educational Research for Teaching Dyson or SOE Open Elective (Advised for Financial Aid) Credits Spring EDG 621 Seminar in Inclusive	3
Credits Year 5 Fall EDG 638 Society, Schools, and Adolescent Development EDG 617 Inclusive Literacy Assessment and Instruction EDG 620 Educational Research for Teaching Dyson or SOE Open Elective (Advised for Financial Aid) Credits	2-3
Credits Year 5 Fall EDG 638 Society, Schools, and Adolescent Development EDG 617 Inclusive Literacy Assessment and Instruction EDG 620 Educational Research for Teaching Dyson or SOE Open Elective (Advised for Financial Aid)	
Credits Year 5 Fall EDG 638 Society, Schools, and Adolescent Development EDG 617 Inclusive Literacy Assessment and Instruction EDG 620 Educational Research for Teaching	13
Credits Year 5 Fall EDG 638 Society, Schools, and Adolescent Development EDG 617 Inclusive Literacy Assessment and Instruction	3
Credits Year 5 Fall EDG 638 Society, Schools, and Adolescent Development	3
Credits Year 5 Fall	4
Credits Year 5	3
Credits	
or Early days, Energy, and Global Peropeolities	3
or EDG 609 or Language, Literacy, and Global Perspectives	
EDG 605 General Assessment	3

- Possible SOE Electives include MS extension, bilingual extensions, TESOL/Literature
- Possible Dyson Electives could be related to CIS

Adolescent Special Education (DUAL CERTIFICATE) PLV

Course	Title	Credits
Year 4		
Fall		
MAT 400	Mathematics: Connections, Communications, Research	3
MAT 305	Complex Variables	3
or MAT 311	or Real Analysis	
EDG 606	Learning Environments	3
EDG 610	Curriculum and Methods in Inclusive Settings	3
Open Elective (strongly advise TCH 4	175)	3
	Credits	15
Spring		
MAT 301	Algebraic Structures	3
EDG 611	Mathematics Instruction and Assessment in Inclusive Adolescent Classrooms	3
EDG 638	Society, Schools, and Adolescent Development	3
Open Elective		3
Open Elective		3
	Credits	15
Summer		
EDG 605	General Assessment	3
EDG 609	Language, Literacy, and Global Perspectives	3
	Credits	6
Year 5		
Fall		
EDG 607	Supporting Positive Behavior and Autonomy	3
EDG 616	Cross-Disciplinary Instruction and Assessment in Inclusive Adolescent Classroom	3
EDG 617	Inclusive Literacy Assessment and Instruction	4
EDG 618	Individual Program Planning	3
	Credits	13
Spring		
EDG 621	Seminar in Inclusive	2-3

4 Mathematics, BS/Adolescent, MST

	Total Credits	57-58
	Credits	8-9
EDG 620	Educational Research for Teaching	3
EDG 622	Clinical Practice in Teaching Adolescents and Teaching Adolescent Students with Disabilities	3

[•] Possible Dyson Electives could be related to CIS