

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

Course	Title	Credits
Year 4		
Fall		
MAT 490	Mathematics Seminar Capstone Experience I	1
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		6
Credits		16
Spring		
MAT 491	Mathematics Seminar Capstone Experience II	2
MAT 301	Algebraic Structures	3
or MAT elective (200 or higher)		
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
Credits		14
Summer		
EDG 605 or EDG 609	General Assessment or Language, Literacy, and Global Perspectives	3
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 (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

Course	Title	Credits
Year 4		
Fall		
MAT 490	Mathematics Seminar Capstone Experience I	1
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 (strongly recommend TCH 475)		3
Open Elective		3
Credits		16
Spring		
MAT 491	Mathematics Seminar Capstone Experience II	2
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
Credits		14
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
EDG 622	Clinical Practice in Teaching Adolescents and Teaching Adolescent Students with Disabilities	3
EDG 620	Educational Research for Teaching	3
Credits		8-9
Total Credits		57-58

• 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

Summer

EDG 605 or EDG 609	General Assessment or Language, Literacy, and Global Perspectives	3
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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 (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
Dyson or SOE Open Elective (Advised for Financial Aid)		3

Credits 8-9

Total Credits 54-55

- 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 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 (strongly advise TCH 475)		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

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

- Possible Dyson Electives could be related to CIS