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GEN ED COURSES (42 CDS)
RECOMMENDED FOR MATH-EDUCATION MAJORS
AS OF FALL 2024

(Teacher Academy students should consult with TEHA advisor) Page 1

NOTE: This is a summary

PLEASE SEE THE CATALOG FOR FULL DETAILS USING THE FOLLOWING LINK

[MA712-BS Program | College of Staten Island Catalog \(cuny.edu\)](#)

Also consult DEGREE WORKS <https://degreeworks.cuny.edu> for individualized programs for students

COMMON CORE (30 CDS)

I. Required Common Core (12 CDS)

<u>CREDITS</u>	<u>REQUIREMENT</u>	<u>COURSES FOR MATH - EDUCATION MAJORS</u>
6	ENGLISH COMPOSITION	ENG 111 or ENG 111P, 3 CDS ENG 151, 3 CDS
3/(4 FOR STEM MAJORS)	MATHEMATICS & QUANTITATIVE REASONING	<u>MTH 231 IS RECOMMENDED</u> OTHER COURSES THAT MEET THIS REQUIREMENT: MTH 123, MTH 125, 130, 230, 232, 233, & 214
3	LIFE & PHYSICAL SCIENCE	THE FIRST SCIENCE COURSE OF THE ONE YEAR SCIENCE SEQUENCE: AST 120, BIO 170, CHM 141, GEO 115, GEO 102, PHY 120 PHY120 IS RECOMMENDED If you are placed in Mth 231/230&229

See the link below for a set of approved courses

[CSI Common Core Requirements & Courses | College of Staten Island Catalog \(cuny.edu\)](#)

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Page 2

II. THE FLEXIBLE COMMON CORE (18 CDS)
(6 COURSES from 6 BUCKETS)

<u>CREDITS</u>	<u>REQUIREMENT</u>	<u>RECOMMENDED COURSE FOR MATH-EDUCATION MAJORS.</u>
3	WORLD CULTURE & GLOBAL ISSUES BUCKET 1	112 LEVEL LANGUAGE COURSE (if needed), Otherwise ANY COURSE WITH REQUIREMENT DESIGNATION OF FWG
3	U.S. EXPERIENCE IN DIVERSITY BUCKET 2	ANY COURSE WITH REQUIREMENT DESIGNATION OF FUS
3	CREATIVE EXPRESSION BUCKET 3	ANY COURSE WITH REQUIREMENT DESIGNATION OF FCE
3	INDIVIDUAL AND SOCIETY BUCKET 4	PSY 100 IS REQUIRED for 7-12 MTH majors
3	SCIENTIFIC WORLD BUCKET 5	THE SECOND SCIENCE COURSE OF THE ONE YEAR SEQUENCE: AST160, BIO 180/181, CHM 142/127, GEO 115/116, ESC 110/111 PHY 160/161 PHY 160 IS RECOMMENDED
3	ANY ADDITIONAL BUCKET 6	ANY APPROVED FLEXIBLE CORE COURSE

See the link below for a list of approved courses

[CSI Common Core Requirements & Courses | College of Staten Island Catalog \(cuny.edu\)](https://www.cuny.edu/csi/catalog/)

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COLLEGE OPTION (12 CDS)

<u>CREDITS</u>	<u>REQUIREMENT</u>	<u>RECOMMENDED MATH COURSES FOR MATH EDUCATION MAJORS</u>
4 CD	SOCIAL & SCIENTIFIC ANALYSIS	*EDP 220RECOMMENDED. OR ANY APPROVED COURSE AT 200-LEVEL COURSE WITH ATTRIBUTE OF SOCIAL SCIENCE OR PLURALISM AND DIVERSITY OR CONTEMPORARY WORLD.
3-4 CD	TALA	ANY APPROVED COURSE AT 200 LEVEL COURSE WITH THE ATTRIBUTE TALA OR PLURALISM AND DIVERSITY OR CONTEMPORARY WORLD.
1CD/2HR	SCIENCE LAB TO ACCOMPANY LIFE & PHYSICAL SCIENCES REQUIREMENT	BIO 171, CHM 121, GEO 103, GEO 116, PHY 121, OR MTH 229 PHY 121 is recommended
1 CD/2HR	SCIENCE LAB TO ACCOMPANY SCIENTIFIC WORLD REQUIREMENT	BIO 181, CHM 127, GEO 116, ESC 111, PHY 161 PHY 161 is recommended
3-4CD	LANGUAGE AT 114 LEVEL (if needed)	114-LEVEL LANG. OTHER COURSES THAT MEET THIS REQUIREMENT: CSC126, CSC270, MTH 130, 214, 231, 232, 233

See the link below for a list of approved courses [CSI College Option Requirements and Courses | College of Staten Island Catalog \(cuny.edu\)](#)

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Page 4

***Note that EDP 220 satisfies Plurality and Diversity Requirement. If EDP 220 is used to satisfy College Options in the Social Sciences category then Contemporary World has to be satisfied by TALA courses, and choice can be limited.**

ADDITIONAL REQUIREMENTS

- a. At least six credits must be taken at 200 level in Flexible Core and/or College Options combined.**
- b. At least one course in Flexible Common Core and/or College Options must fulfill Plurality & Diversity Requirement.**
- c. At least one course in Flexible Common Core and/or College Options must fulfill the Contemporary World Requirement.**