

GEN ED COURSES (42 CDS)
RECOMMENDED FOR COMPUTER SCIENCE-MATHEMATICS
MAJORS

As of Fall 2024

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COMMON CORE (30 CDS)

NOTE: This is a summary

PLEASE SEE THE CATALOG FOR FULL DETAILS USING THE FOLLOWING LINK

[CSCMTH-BS Program | College of Staten Island Catalog \(cuny.edu\)](https://catalog.cuny.edu/cscmth-bs-program)

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

I. Required Common Core (12 CDS)

<u>CREDITS</u>	<u>REQUIREMENT</u>	<u>COURSES FOR CS-MATH MAJORS</u>
6	ENGLISH COMPOSITION	ENG 111 OR ENG 111P, 3CDS 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, PHY 120 PHY120 IS RECOMMENDED If you place in Mth 230,231/229

See the link below for a list of approved courses

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

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

<u>CREDITS</u>	<u>REQUIREMENT</u>	<u>RECOMMENDED COURSE FOR CS-MATH 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	ANY COURSE WITH REQUIREMENT DESIGNATION OF FIS
3	SCIENTIFIC WORLD BUCKET 5	THE SECOND SCIENCE COURSE OF THE ONE YEAR SEQUENCE: AST160, BIO 180, CHM 142, GEO 115, ESC 110, PHY 160 PHY 160 IS RECOMMENDED
3	ANY ADDITIONAL BUC KET BUCKET 6	ANY APPROVED FLEXIBLE CORE COURSE

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COLLEGE OPTION (12 CDS)

<u>CREDITS</u>	<u>REQUIREMENT</u>	<u>RECOMMENDED MATH COURSES FOR CS-MATH MAJORS</u>
4 CD	SOCIAL & SCIENTIFIC ANALYSIS	ANY APPROVED COURSE AT 200 LEVEL, PREFERABLY SATISFYING PLURALITY & DIVERSITY AND/OR CONTEMPORARY WORLD REQUIREMENT
3-4 CD	TALA	ANY APPROVED COURSE AT 200 LEVEL FROM THE APPROVED LIST PREFERABLY SATISFYING PLURALITY & DIVERSITY AND/OR CONTEMPORARY WORLD REQUIREMENT
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	ADDITIONAL STEM REQUIREMENT	COURSES THAT MEET THIS REQUIREMENT: THIS REQUIREMENT: CSC126, 270, 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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ADDITIONAL REQUIREMENTS

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