

GEN ED COURSES (42 CDS)
RECOMMENDED FOR MATH MAJORS
For students who matriculated on or after Fall 2013

COMMON CORE (30 CDS)

I. Required Common Core (12 CDS)

<u>CREDITS</u>	<u>REQUIREMENT</u>	<u>COURSES FOR MATH - MAJORS</u>
6	ENGLISH COMPOSITION	ENG 111, 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, 130, 230, 232, 233, & 214
3	LIFE & PHYSICAL SCIENCE	THE FIRST SCIENCE COURSE OF THE ONE YEAR SCIENCE SEQUENCE: <u>AST 120, BIO 170, CHM 141, GEO 100, PHY 120 are recommended</u>

See the link below for a set of approved courses from Common Core

<http://www.csi.cuny.edu/pathways/pdf/CommonCoreCourseList.pdf>

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

<u>CREDITS</u>	<u>REQUIREMENT</u>	<u>RECOMMENDED COURSES FOR MATH MAJORS.</u>
3	WORLD CULTURE & GLOBAL ISSUES BUCKET 1	ANY COURSE FROM A LIST OF APPROVED COURSES
3	U.S. EXPERIENCE IN DIVERSITY BUCKET 2	COR 100
3	CREATIVE EXPRESSION BUCKET 3	ANY COURSE FROM A LIST OF APPROVED COURSES
3	INDIVIDUAL AND SOCIETY BUCKET 4	ANY COURSE FROM A LIST OF APPROVED courses
3	SCIENTIFIC WORLD BUCKET 5	THE SECOND SCIENCE COURSE OF THE ONE YEAR SEQUENCE: <u>AST160, BIO 180, CHM 142, GEO102, PHY 160 are recommended</u>
3	ANY ADDITIONAL BUCKET BUCKET 6	COR 100 FOR TRANSFER STUDENTS. FOR OTHERS: CSC 126 is recommended. OTHERWISE ANY APPROVED COURSE FROM BUCKETS 1 TO 5

See the link below for a list of approved courses from Flexible Core
<http://www.csi.cuny.edu/pathways/pdf/FlexibleCoreCourseList.pdf>

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COLLEGE OPTION (12 CDS)

<u>CREDITS</u>	<u>REQUIREMENT</u>	<u>RECOMMENDED MATH COURSES FOR 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 101, PHY 160, OR MTH 229 is recommended
1 CD/2HR	SCIENCE LAB TO ACCOMPANY SCIENTIFIC WORLD REQUIREMENT	BIO 181, CHM 127, GEO 103, PHY 161 is recommended
3-4CD	Additional STEM course	COURSES THAT MEET THIS REQUIREMENT: CSC126, MTH 130, 214, 231, 232. 233

See the link below for a list of approved courses from College Option

<http://www.csi.cuny.edu/pathways/pdf/CollegeOptionCourseList.pdf>

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ADDITIONAL REQUIREMENTS

- a. **At least six credits must be taken at 200 level in Flexible Common Core 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.**