

**GEN ED COURSES (42 CDS)** \_\_\_\_\_ (Revised Fall 2014)  
**RECOMMENDED FOR COMPUTER SCIENCE-MATHEMATICS**  
**MAJORS**

For Students who matriculated on or after Fall 2013

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**COMMON CORE (30 CDS)**

**I. Required Common Core (12 CDS)**

<b><u>CREDITS</u></b>	<b><u>REQUIREMENT</u></b>	<b><u>COURSES FOR CS-MATH MAJORS</u></b>
<b>6</b>	<b>ENGLISH COMPOSITION</b>	<b>ENG 111, 3 CDS ENG 151, 3 CDS</b>
<b>3/(4 FOR STEM MAJORS)</b>	<b>MATHEMATICS &amp; QUANTITATIVE REASONING</b>	<b><u>MTH 231 IS RECOMMENDED</u> OTHER COURSES THAT MEET THIS REQUIREMENT: MTH 123, 130, 230, 231, 232, 233</b>
<b>3</b>	<b>LIFE &amp; PHYSICAL SCIENCE</b>	<b>THE FIRST SCIENCE COURSE OF THE ONE YEAR SCIENCE SEQUENCE: AST 120, BIO 170, CHM 141, GEO 100, PHY 120 <b>is recommended</b></b>

See the link below for a list of approved courses for 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)**

<b><u>CREDITS</u></b>	<b><u>REQUIREMENT</u></b>	<b><u>RECOMMENDED COURSE FOR CS-MATH MAJORS.</u></b>
3	WORLD CULTURE & GLOBAL ISSUES BUCKET 1	ANY COURSE FROM A LIST OF APPROVED <b>COURSES</b>
3	U.S. EXPERIENCE IN DIVERSITY BUCKET 2	COR 100
3	CREATIVE EXPRESSION BUCKET 3	ANY COURSE FROM A LIST OF <b>APPROVED COURSES</b>
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: AST160, BIO 180, CHM 142, GEO102, PHY <b>160 is recommended</b>
3	ANY ADDITIONAL BUCKET BUCKET 6	COR 100 FOR TRANSFER STUDENTS. FOR OTHERS: <b>CSC 126 IS RECOMMENDED</b>

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

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<b>COLLEGE OPTION (12 CDS)</b>
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<b><u>CREDITS</u></b>	<b><u>REQUIREMENT</u></b>	<b><u>RECOMMENDED MATH COURSES FOR CS-MATH MAJORS</u></b>
<b>4 CD</b>	<b>SOCIAL &amp; SCIENTIFIC ANALYSIS</b>	<b>ANY APPROVED COURSE AT 200 LEVEL, PREFERABLY SATISFYING PLURALITY &amp; DIVERSITY AND/OR CONTEMPORARY WORLD REQUIREMENT</b>
<b>3-4 CD</b>	<b>TALA</b>	<b>ANY APPROVED COURSE AT 200 LEVEL FROM THE APPROVED LIST PREFERABLY SATISFYING PLURALITY &amp; DIVERSITY AND/OR CONTEMPORARY WORLD REQUIREMENT</b>
<b>1CD/2HR</b>	<b>SCIENCE LAB TO ACCOMPANY LIFE &amp; PHYSICAL SCIENCES REQUIREMENT</b>	<b>BIO 171, CHM 121, GEO 101, PHY 121, OR MTH 229 <b>is recommended</b></b>
<b>1 CD/2HR</b>	<b>SCIENCE LAB TO ACCOMPANY SCIENTIFIC WORLD REQUIREMENT</b>	<b>BIO 181, CHM 127, GEO 103, PHY 161 <b>is recommended</b></b>
<b>3-4CD</b>	<b><b>ADDITIONAL STEM REQUIREMENT</b></b>	<b>COURSES THAT MEET THIS REQUIREMENT: MTH 130, 231, 232, 233</b>

See the link below for a list of approved courses for 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 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.