A Tentative Guide to Spring 2023 Pathways Course Offerings

For daily update of the courses, please visit Scheduled General Education Courses:
https://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.py

Freshmen and transfer students who entered the college in Fall 2013 to present, select courses from the following list of offered Pathways courses to fulfill their General Education requirements. Note: Although some courses appear under multiple Pathways designations, each course can only satisfy one Pathways requirement (i.e., Psychology 101 can fulfill either Scientific World or College Option Science, but not both). Students are responsible for checking course prerequisites and conditions, and students cannot earn credits for duplicative courses (e.g. ASTR 1 & ASTR 2, which are considered the same course—with and without a lab component. Such information is indicated on CUNYfirst under each course description.). Also note that some course sections are taught with and without Writing Intensive Units (“W’s”). Be sure to pick the proper section to meet your individual requirement needs. If you are unsure as to your course choices, please review with an academic advisor. Lastly, students cannot use the Pass/No Credit (P/NC) grading option for Pathways courses. For more information on General Education, please visit: https://senate.qc.cuny.edu/Curriculum/Approved_Courses/gened_courses.py

Required Core (RC)

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>ENGL 110</td>
<td>College Writing I</td>
</tr>
<tr>
<td>ENGL 110H</td>
<td>College Writing I (Honors only)</td>
</tr>
</tbody>
</table>

English Composition II (EC-2)

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>BIOL 13</td>
<td>Writing in the Sciences - Life Science Themes</td>
</tr>
<tr>
<td>CMILIT 100</td>
<td>Writing about World Literature</td>
</tr>
<tr>
<td>ENGL 130</td>
<td>Writing about Literature in English</td>
</tr>
<tr>
<td>ENGL 130H</td>
<td>Writing about Literature in English (Honors only)</td>
</tr>
<tr>
<td>EURO 120</td>
<td>Writing about European Literature and Culture</td>
</tr>
<tr>
<td>HIST 190</td>
<td>Writing and History</td>
</tr>
<tr>
<td>LIBR 170</td>
<td>Writing and Library Research Methods</td>
</tr>
<tr>
<td>MUSIC 121</td>
<td>Writing about Music</td>
</tr>
<tr>
<td>MUSIC 122</td>
<td>Writing Musical Culture</td>
</tr>
<tr>
<td>SOC 190</td>
<td>Writing for Sociology</td>
</tr>
<tr>
<td>URBST 120</td>
<td>Writing in Urban Studies</td>
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</tbody>
</table>

Mathematical and Quantitative Reasoning (MQR)

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>CSCI 12</td>
<td>Intro. to Computers and Computation</td>
</tr>
<tr>
<td>CSCI 48</td>
<td>Spreadsheet Programming</td>
</tr>
<tr>
<td>CSCI 211</td>
<td>Object-Oriented Programming in C++</td>
</tr>
<tr>
<td>CSCI 212</td>
<td>Object-Oriented Programming in Java</td>
</tr>
<tr>
<td>DATA 205</td>
<td>Social Statistics I (formerly SOC 205)</td>
</tr>
<tr>
<td>MATH 110</td>
<td>Mathematical Literacy – Intro. to College Mathematics</td>
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<tr>
<td>MATH 114W</td>
<td>Elementary Probability and Statistics</td>
</tr>
<tr>
<td>MATH 115</td>
<td>College Algebra for Precalculus</td>
</tr>
<tr>
<td>MATH 119</td>
<td>Mathematics for Elementary School Teachers</td>
</tr>
<tr>
<td>MATH 120</td>
<td>Discrete Mathematics for Computer Science</td>
</tr>
<tr>
<td>MATH 122</td>
<td>Precalculus</td>
</tr>
<tr>
<td>MATH 128</td>
<td>Mathematical Design</td>
</tr>
<tr>
<td>MATH 131</td>
<td>Calculus with Applications to the Social Sciences I</td>
</tr>
<tr>
<td>MATH 141</td>
<td>Calculus/Differentiation</td>
</tr>
<tr>
<td>MATH 142</td>
<td>Calculus/Integration</td>
</tr>
<tr>
<td>MATH 143</td>
<td>Calculus-Infinite Series</td>
</tr>
<tr>
<td>MATH 151</td>
<td>Calculus/Differentiation &amp; Integration</td>
</tr>
<tr>
<td>MATH 152</td>
<td>Calculus/Integration &amp; Infinite Series</td>
</tr>
<tr>
<td>MATH 201</td>
<td>Multivariable Calculus</td>
</tr>
<tr>
<td>MATH 202</td>
<td>Advanced Calculus</td>
</tr>
<tr>
<td>MATH 231</td>
<td>Linear Algebra I</td>
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Life and Physical Sciences (LPS)

<table>
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<tr>
<th>Course ID</th>
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<tbody>
<tr>
<td>ASTR 2</td>
<td>General Astronomy</td>
</tr>
<tr>
<td>BIOL 11</td>
<td>Intro.to College Biology</td>
</tr>
<tr>
<td>BIOL 40</td>
<td>Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIOL 41</td>
<td>Anatomy and Physiology II</td>
</tr>
<tr>
<td>BIOL 44</td>
<td>Food and Human Microbiology</td>
</tr>
<tr>
<td>BIOL 105</td>
<td>General Biology I: Physiology and Cell Biology</td>
</tr>
<tr>
<td>BIOL 106</td>
<td>General Biology II: Life Forms and Ecosystems</td>
</tr>
<tr>
<td>CHEM 1013</td>
<td>Basic Chemistry</td>
</tr>
<tr>
<td>CHEM 1023</td>
<td>Basic Organic Chemistry</td>
</tr>
<tr>
<td>CHEM 1033</td>
<td>Basic Biochemistry</td>
</tr>
<tr>
<td>CHEM 1134</td>
<td>General Chemistry I: Intro to Chemical Techniques</td>
</tr>
<tr>
<td>ENSCI 99</td>
<td>A Practical Guide to Environmental Choices</td>
</tr>
<tr>
<td>ENSCI 100</td>
<td>Our Planet in the 21st Century: Challenges to Humanity</td>
</tr>
<tr>
<td>FNES 101</td>
<td>The Science of Foods (FNES Majors only unless seats available)</td>
</tr>
<tr>
<td>GEOL 101</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>GEOL 102</td>
<td>Historical Geology</td>
</tr>
<tr>
<td>PHYS 14 + 11</td>
<td>Conceptual Physics (EECE students)</td>
</tr>
<tr>
<td>PHYS 204</td>
<td>Physics for Computer Science II</td>
</tr>
<tr>
<td>PHYS 1214</td>
<td>General Physics I</td>
</tr>
<tr>
<td>PHYS 1224</td>
<td>General Physics II</td>
</tr>
<tr>
<td>PHYS 1454</td>
<td>Principles of Physics I</td>
</tr>
<tr>
<td>PHYS 1464</td>
<td>Principles of Physics II</td>
</tr>
<tr>
<td>PSYCH 213W</td>
<td>Experimental Psychology (Psych. major)</td>
</tr>
</tbody>
</table>

Mathematical and Quantitative Reasoning (MQR-continued)

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<thead>
<tr>
<th>Course ID</th>
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</tr>
</thead>
<tbody>
<tr>
<td>MATH 241</td>
<td>Intro. to Probability and Mathematical Statistics</td>
</tr>
<tr>
<td>PSYCH 1071 &amp; 1073</td>
<td>Statistical Methods (Must register for both laboratory &amp; lecture)</td>
</tr>
</tbody>
</table>

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## Flexible Core (FC)

### World Cultures and Global Issues (WCGI)
- AFST 101. Survey of African Civilization
- ANTH 101. Intro. to Cultural Anthropology
- CMLIT 101H. Global Literatures I (Honors Students Only)
- CMLIT 101W. Global Literatures I
- CMLIT 229W. Women in Modern World Literature
- CMLIT 230. African Literatures
- DRAM 1. Intro. to Drama and Theatre
- ENGL 157W. Readings in Global Literatures in English
- FREN 45. French and Francophone Cultures and Thought
- FREN 203. Intermediate French I
- FREN 204. French Composition and Grammar I
- GERM 223. Conversation Level I
- GRKMD 204. Intermediate Modern Greek II
- GRKMD 223. Modern Greek Conversation
- HIST 101. Early Modern Europe, 1500-1815
- HIST 102. Modern Europe, 1815 to the Present
- HIST 160. VT: Topics in Global History
- ITAL 45W. Italian Culture and Thought
- ITAL 204. Intermediate Italian II
- MES 170. Islam
- PSCI 103. Comparative Politics
- PSCI 104. International Politics
- SPAN 201. Spanish for Heritage Speakers III
- SPAN 203. Intermediate Spanish I
- SPAN 204. Intermediate Spanish II
- SPAN 221. Language Workshop for Spanish Heritage Students
- SPAN 225. Composition

### U.S. Experience in its Diversity (USED)
- ENGL 152/152W. Readings in American Literature
- HIST 103. American History, 1607-1865
- HIST 104. American History, 1865 to the Present
- HIST 163. VT: Topics in U.S. History
- HIST 163H.VT: Topics in U.S. History (Honors Students Only)
- HNRS 126W. The Peopling of New York (Honors Students Only)
- LALS 203. Introduction to Latinx Ethnic Identity
- LCD 103. Multilingualism in the United States
- PSCI 100. American Politics and Government
- PSCI 102. Current Political Controversies
- SOC 103. Sociology of American Life
- SOC 211. Ethnic and Racial Relations
- SOC 222. Social Welfare as a Social Institution
- URBST 101. Urban Issues: Poverty and Affluence
- URBST 103. Urban Diversity
- URBST 105. Urban Politics
- WGS 101W. Introduction to Women's Studies

## Creative Expression (CE)
- ARTH 1. Introduction to Art
- ARTH 102. History of Western Art II
- ARTH 110. Survey of Ancient Art
- ARTH 113. Survey of Modern Art
- ARTH 114. Survey of Asian Art

## Creative Expression (CE - continued)
- ARTS 333. Introduction to Socially Engaged Art Practice
- ARTS 388. Becoming Insect
- CMLIT 215W. Topics in Modern Literature
- DANCE 150. Introduction to Dance
- DRAM 100. Introduction to Acting
- DRAM 111. Intro. to Theater Design
- ENGL 153W. Introduction to the Bible
- ENGL 165W. Introduction to Poetry
- GRKMD 250. Modern Greek Film and Media
- MUSIC 1. Intro. to Music

## Individual and Society (IS)
- ACCT 261. Business Law I
- ANTH 104. Language, Culture, and Society
- BALA 101. Business and Society
- ECON 100. Economics and Society
- ECON 101. Intro. to Macroeconomics
- ECON 102. Intro. to Microeconomics
- FNES 158. Fashion History from the 20th Century to the Present
- HIST 255. VT: Transformational Moments in the Arab/Israeli Conflict
- HNRS 226. Shaping the Future of New York City (Honors Students Only)
- HSS 200. Social Sciences and Society (Social Science Honors Program Only)
- MUSIC 247. Music History II: Music from 1750 to Present
- PHIL 101. Intro. to Philosophy
- PHIL 104. Intro. to Ethics
- PHIL 104H. Intro. to Ethics (Honors Students Only)
- PHIL 116. Intro. to Philosophy of Religion
- PSCI 101. Intro. to Political Science
- PSCI 105. Political Theory
- SEYS 120. Critical Social Theory, Action Research, and Multiple Literacies on Education for Social Justice (College Now Program Only)
- SOC 101. General Intro. to Sociology
- SOC 208. Social Problems
- SOC 215. Sociology of Education
- URBST 114. Sex and the City

## Scientific World (SW)
(Underlined courses contain a lab. component.)
- ANTH 102. Intro. to Human Evolution
- ANTH 103. Intro. to Archaeology
- ASTR 1. General Astronomy *
- ASTR 2. General Astronomy *
- BIOL 11. Intro. to College Biology
- BIOL 40. Anatomy and Physiology I *
- BIOL 41. Anatomy and Physiology II
- BIOL 44. Food and Human Microbiology
- BIOL 105. General Biology I: Physiology and Cell Biology
- BIOL 106. General Biology II: Life Forms and Ecosystems
- CHEM 163. Chemistry in Modern Society (161 Lab Optional)
- CHEM 1013 + 1011. Basic Chemistry
- CHEM 1023 + 1021. Basic Organic Chemistry
- CHEM 1033 + 1031. Basic Biochemistry

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**Scientific World (SW - continued)**

CHEM 1134 + 1131. General Chemistry I: Intro. to Chemical Techniques
CHEM 1144 + 1141. General Chemistry II: Quantitative and Qualitative Analysis
CHEM 2514 + 2511. Organic Chemistry I
CHEM 2524 + 2521. Organic Chemistry II
CSCI 100. Information and Intelligence
CSCI 111. Intro.to Algorithmic Problem Solving
DATA 212W. Research Methods (formerly SOC 212W)
DATA 235. Data and Society
ENSCI 99. A Practical Guide to Environmental Choices
ENSCI 100. Our Planet in the 21st Century: Challenges to Humanity
ENSCI 112. Our Changing Planet
FNES 101. The Science of Foods (FNES Majors unless seats available)
FNES 163. General Nutrition
GEOL 12. Natural Disasters
GEOL 25. Natural Resources and the Environment
GEOL 101. Physical Geology
GEOL 102. Historical Geology
LCD 102. Analyzing Language
PHIL 225. Philosophy of the Natural Sciences
PHYS 3. Physics of Musical Sound
PHYS 5. Physics and the Future
PHYS 14 + 11. Conceptual Physics (EECE students)
PHYS 204. Physics for Computer Science II
PHYS 1214 + 1211. General Physics I
PHYS 1224 + 1221. General Physics II
PHYS 1454 + 1451. Principles of Physics I
PHYS 1464 + 1461. Principles of Physics II
PSYCH 101. General Psychology
PSYCH 213W. Experimental Psychology (Psych. major only)

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**Additional Flexible Core (Addit'l FC)**

Pick another course in any one of the previous Flexible Core Categories: WCGI; USED; CE; IS; SW

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**College Option (COPT)**

All College Option courses must be completed in residency at Queens College, unless completed at another four-year CUNY college. Inquire with an advisor.

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**Literature (LIT - continued)**

EAST 251. Modern Japanese Fiction in Translation
ENGL 151/151W. Readings in British Literature
ENGL 152/152W. Readings in American Literature
ENGL 157/157W. Readings in Global Literatures in English
ENGL 162W. Literature and Place
ENGL 165W. Intro.to Poetry
ENGL 312. Medieval Literature, 1100-1500
ENGL 333. Shakespeare II
ENGL 352. Late-Nineteenth and early-Twentieth US Literature
ENGL 360. VT: Latino/Latina Literature
ENGL 377 - VT: Modern South Asian Literature
FREN 41/41W. Masterpieces of French Lit. in Translation
GERM 41W. German Literature in Translation
GRKMD 41W. Modern Greek Literature in Translation
HEBRW 150. Modern Hebrew Literature in Translation
ITAL 41/41W. Masterpieces of Italian Literature in Translation
MES 160. Classical Islamic Literature and Civilization
PORT 41. Global Portuguese Literature in Translation
RUSS 155/155W. Keys to Russian Literature
RUSS 280. Dostoevsky
SPAN 41. Masterpieces of Hispanic Literature in Translation
SPAN 53. Don Quixote in Translation
SPAN 60. Hispanic Literature and Culture in the United States

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**Language (LANG)**

**Note:** Student must consult the appropriate language department for course placement (Please refer to QC website for departments' contact and placement instructions.)

ANTH 104. Language, Culture and Society
**(EECE Students: ANTH104, LCD 101 & 102 are only choices if you already have a foreign language course.)**
ARAB 101. Elementary Arabic I
ARAB 102. Elementary Arabic II
ARAB 206. Advanced Arabic II
ASL 111. American Sign Language I (formerly LCD 191.3)
CHIN 101. Elementary Chinese I
CHIN 102. Elementary Chinese II
CHIN 204. Intermediate Chinese II
CHIN 320. Chinese Drama
CHIN 350. VT: Chinese Fiction
CHIN 360. Traditional Chinese Literature
CHIN 370. Chinese Short Story
FREN 111. Elementary French I
FREN 112. Elementary French II
FREN 203. Intermediate French I
FREN 204. French Composition and Grammar I
FREN 228. Advanced Literary Analysis
FREN 375. Contemporary French Literary Theory
GERM 111. Elementary German I
GERM 112. Elementary German II
GERM 223. Conversation Level I
GREEK 252. Elementary Ancient Greek II
GRKMD 111. Elementary Modern Greek I
GRKMD 112. Elementary Modern Greek II
GRKMD 204. Intermediate Modern Greek II

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** CSCI 111 (SW or SCI/College Option) only if taken in Spring 2020 and beyond. The students may appeal for Pathways credit – for more details, please see an advisor in the Academic Advising Center or the Computer Science faculty advisor.

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Language (LANG - continued)
GRKMD 223. Modern Greek Conversation
HEBRW 101. Elementary Hebrew I
HEBRW 102. Elementary Hebrew II
ITAL 111. Elementary Italian I
ITAL 112. Elementary Italian II
ITAL 204. Intermediate Italian II
ITAL 235. Commercial and Technical Italian
ITAL 364. Studies in Modern Literature III: Prose
JPNS 101. Elementary Japanese I
JPNS 102. Elementary Japanese II
JPNS 204. Intermediate Japanese II
KOR 101. Elementary Korean I
KOR 102. Elementary Korean II
KOR 204. Intermediate Korean II
KOR 360. Readings in Korean
LCD 101. Introduction to Language
LCD 102. Analyzing Language

(EECE Students: ANTH104, LCD 101 & 102 are only choices if you already have a foreign language course.)
PORT 111. Elementary Portuguese I
RUSS 111. Elementary Russian I
RUSS 112. Elementary Russian II
RUSS 203. Intermediate Russian I
SPAN 111. Elementary Spanish I
SPAN 112. Elementary Spanish II
SPAN 201. Spanish for Heritage Speakers III
SPAN 203. Intermediate Spanish
SPAN 204. Intermediate Spanish II
SPAN 221. Language Workshop for Spanish Heritage Students
SPAN 224. Grammar
SPAN 225. Composition
SPAN 240. Introduction to Hispanic Literary Studies
SPAN 250. Survey of Spanish Literature I
SPAN 260. Survey of Spanish Literature II
SPAN 280. Survey of Spanish-American Literature I
SPAN 290. Survey of Spanish American Literature II
SPAN 310. The Culture and Civilization of Spain
SPAN 390. Hispanic Literature Seminar

Science (SCI - continued)
CHEM 1033 + 1031. Basic Biochemistry
CHEM 1134 + 1133. General Chemistry I: Intro to Chemical Techniques
CHEM 1144 + 1141. General Chemistry II: Quantitative and Qualitative Analysis
CHEM 2514 + 2511. Organic Chemistry I
CHEM 2524 + 2521. Organic Chemistry II
CSCI 100. Information and Intelligence
CSCI 111. Intro.to Algorithmic Problem Solving
DATA 212. Research Methods (formerly SOC 212W)
DATA 235. Data and Society
ENSCI 99. A Practical Guide to Environmental Choices
ENSCI 100. Our Planet in the 21st Century: Challenges to Humanity
ENSCI 112. Our Changing Planet
FNES 101. The Science of Foods (FNES Majors ONLY unless seats available)
FNES 163. General Nutrition
GEOL 8. Introduction to Oceanography
GEOL 12. Natural Disasters
GEOL 25. Natural Resources and the Environment
GEOL 101. Physical Geology
GEOL 102. Historical Geology
LCD 102. Analyzing Language
PHIL 225. Philosophy of the natural Sciences
PHYS 3. Physics of Musical Sound
PHYS 5. Physics and the Future
PHYS 14 + 11. Conceptual Physics (EECE students, lec.+lab.)
PHYS 204. Physics for Computer Science II
PHYS 1214 + 1211. General Physics I
PHYS 1224 + 1221. General Physics II
PHYS 1454 + 1451. Principles of Physics I
PHYS 1464 + 1461. Principles of Physics II
PSYCH 101. General Psychology
PSYCH 213W. Experimental Psychology (Psych majors only)

Synthesis Other (SYN):
Any LPS or Flexible Core listed above, plus the following Synthesis courses.
NONE

Additional College Option (Addit'l COPT)
- Pick another course in LPS;
- or a course in any one of the previous Flexible Core Categories: WCGI; USED; CE; IS; SW;
- or a course in one of the previous College Option Categories: LIT; LANG; SCI;
- or SYN.

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