# Summer 2024 Pathways Course Offerings

Freshmen and transfer students who entered Queens College Fall 2013 or later must select courses from the following list to fulfill their Pathways 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 Core/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 courses are taught with and without Writing Intensive Units ("W"s). Be sure to pick the proper section to meet your individual requirement needs. For more information on General Education Courses, please visit:

https://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.py

## Required Core

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<th>Course</th>
<th>Description</th>
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<tr>
<td>English Composition I (EC-1/RC)</td>
<td>ENGL 110. College Writing I</td>
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<td>English Composition II (EC-II/RC)</td>
<td>BIOL 13. Writing in the Sciences – Life Science Themes ENGL 130. Writing about Literature in English</td>
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| Mathematical and Quantitative Reasoning (MQR/RC) | CSCI 48. Spreadsheet Programming  
CSCI 211. Object-Oriented Programming in C++  
CSCI 212. Object-Oriented Programming in Java  
DATA 205. Social Statistics I (formerly SOC 205)  
MATH 110. Mathematical Literacy – Intro. to College Mathematics  
MATH 114. Elementary Probability and Statistics  
MATH 115. College Algebra for Precalculus  
MATH 119. Mathematics for Elementary School Teachers MATH 120. Discrete Mathematics for Computer Science  
MATH 122. Precalculus  
MATH 131. Calculus with Applications to the Social Sciences I  
MATH 141. Calculus/Differentiation  
MATH 142. Calculus/Integration  
MATH 143. Calculus-Infinite Series  
MATH 151. Calculus/Differentiation & Integration  
MATH 152. Calculus/Integration & Infinite Series  
MATH 201. Multivariable Calculus  
MATH 231. Linear Algebra I  
MATH 241. Intro. to Probability and Mathematical Statistics  
PSYCH 1071 & 1073: Statistical Methods (Must register for both laboratory & lecture) |
| Life and Physical Sciences (LPS/RC) --- None | CHEM 2514 + 2511. Organic Chemistry I  
FNES 101. The Science of Foods (FNES Majors only unless seats available)  
PHYS 14 + 11. Conceptual Physics (EECE students)  
PHYS 1214 + 1211. General Physics I  
PHYS 1224 + 1221. General Physics II  
PSYCH 213W. Experimental Psychology (Psych. major) |

## Flexible Core (FC)

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<th>Course</th>
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| World Cultures and Global Issues (WCGI/FC)  | ANTH 101. Introduction to Cultural Anthropology  
CMLIT 101W. Global Literatures I  
CMLIT 229W. VT: Women in Modern World Literature  
ENGL 157W. Readings in Global Literatures in English  
HIST 101. Early Modern Europe, 1500 - 1815  
HIST 102. Modern Europe, 1815 to the Present  
HIST 160. VT: Topics in Global History  
PSCI 103. Comparative Politics  
PSCI 104. International Politics |
| U.S Experience in Its Diversity (USED/FC)   | AFST 100. Intro to Africana Studies  
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  
PSCI 100. American Politics and Government  
PSCI 102. Current Political Controversies  
SOC 103. Sociology of American Life  
URBST 101. Urban Issues: Poverty and Affluence |
| Creative Expression (CE/FC)                 | ARTH 1. Introduction to Art  
ARTH 102. History of Western Art II  
CMLIT 215W. Topics in Modern Literatures  
ENGL 165W. Introduction to Poetry |
| Individual and Society (IS/FC)              | BALA 101. Business and Society  
ECON 101. Introduction to Macroeconomics  
ECON 102. Introduction to Microeconomics  
FNES 147. Family Relations  
HIST 255. VT: Transformational Moments in the Arab/Israeli Conflict  
PSCI 101. Introduction to Political Science  
PSCI 105. Political Theory  
SOC 101. General Intro. to Sociology |

Life and Physical Sciences (LPS-continued)

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<td>CHEM 1033 + 1031. Basic Biochemistry</td>
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| CHEM 1134 + 1131. General Chemistry I: Intro. to Chemical Techniques  
CHEM 1144 + 1141. General Chemistry II: Quantitative and Qualitative Analysis |

For the most updated list of offered General Education courses please visit:

https://senate.qc.cuny.edu/Curriculum/Approved_Courses/of...
SOC 108. Social Problems
URBST 114. Sex and the City

Scientific World (SW/FC)
(Underlined courses contain a lab component.)
ANTH 102. Introduction to Human Evolution
ASTR 1. General Astronomy
BIOL 11. Introduction to College Biology
BIOL 40. Anatomy and Physiology I
BIOL 41. Anatomy and Physiology II
CHEM 1013 + 1011. Basic Chemistry
CHEM 1023 + 1021. Basic Organic Chemistry
CHEM 1033 + 1031. Basic Biochemistry
CHEM 1134 + 1131. General Chemistry I: Intro to Chemical Techniques
CHEM 1144 + 1141. General Chemistry II: Quantitative and Qualitative Analysis

Additional Flexible Core (Addit'l FC)
Pick another course in any one of the previous Flexible Core Categories: WCGI; USED; CE; IS; SW

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.

Literature (LIT/COPT)
CMLIT 101W. Global Literatures I
CMLIT 102W. Global Literatures II
ENGL 151/151W. Readings in British Literature
ENGL 152/152W. Readings in American Literature

Literature (LIT/COPT-continued)
ENGL 157W. Readings in Global Literatures in English
ENGL 161. Introduction to Narrative
ENGL 162W. Literature and Place
ENGL 165W. Introduction to Poetry
ENGL 333. Shakespeare II
ENGL 360. Vt: Latina, Latino, and Latinx Literature
ENGL 363. Vt: Global Literatures in English
FREN 41. French and Francophone Literatures in Translation
ITAL 41. Italian Literature in Translation

Language (LANG/COPT)
NOTE: Student must consult the appropriate language department for course placement (Please refer to QC website for departments’ contact and placement instructions.)
ASL 111. American Sign Language I (formerly LCD 191.3)
CHIN 320. Chinese Drama
CLAS 11. Scientific and Medical Terminology
FREN 111. Elementary French I
ITAL 111. Elementary Italian I
KOR 101. Elementary Korean I
KOR 102. Elementary Korean II
LCD 101. Introduction to Language
LCD 102. Analyzing Language

Science (SCI/COPT)
(Underlined courses contain a lab component.)
ANTH 102. Introduction to Human Evolution
ASTR 1. General Astronomy
BIOL 40. Anatomy and Physiology I
BIOL 41. Anatomy and Physiology II
CHEM 1013 + 1011. Basic Chemistry
CHEM 1023 + 1021. Basic Organic Chemistry
CHEM 1033 + 1031. Basic Biochemistry
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
CSCI 111. Introduction to Algorithmic Problem Solving
DATA 212W. Research Methods (formerly SOC 212W)
DATA 235. Data and Society
FNES 163. General Nutrition
LCD 102. Analyzing Language
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
PSYCH 101. General Psychology
PSYCH 213W. Experimental Psychology

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

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.

For information on General Education at Queens College please visit http://gened.qc.cuny.edu This list is only accurate as of 11/30/23. For the most updated list of offered General Education courses visit: http://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.php