Fall 2021 Pathways Course Offerings

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. 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”). 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: http://gened.qc.cuny.edu/course-lists/pathways-courses/

**Required Core (RC):**

**English Composition I (EC-1)**
ENGL 110. College Writing I
ENGL 110 H. College Writing I (Honors only)

**English Composition II (EC-2)**
BIOL 13. Writing in the Sciences - Life Science Themes
CMLIT 100. Writing about World Literature
ENGL 130 Writing about Literature in English
ENGL 130H. Writing about Literature in English (Honors only)
EURO 120. Writing about European Literature and Culture
HIST 190. Writing and History
MUSIC 121. Writing about Music
MUSIC 122. Writing Musical Culture

**Mathematical and Quantitative Reasoning (MQR):**
CSCI 12. Intro. to Computers and Computation
CSCI 48. Spreadsheet Programming
CSCI 112. Introduction to Algorithmic problem Solving in Java (TIME 2000 Program Only)
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 114/114W. 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 128. Mathematical Design
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 202. Advanced Calculus

**Mathematical and Quantitative Reasoning (MQR-continued)**
MATH 231. Linear Algebra I
MATH 241. Intro.to Probability and Mathematical Statistics
PHYS 8. The Science of Fractals and Its Applications
PSYCH 1071 & 1073: Statistical Methods (Must register for both lecture & lab)

**Life and Physical Sciences (LPS)**
All courses contain a lab component. Those with two numbers require registration into both lecture & lab sections.

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 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 251A + 2511. Organic Chemistry I
CHEM 252A + 2521. Organic Chemistry II
ENESCI 99. A Practical Guide to Environmental Choices
ENESCI 100. Our Planet in the 21st Century: Challenges to Humanity
FNES 101. The Science of Foods (FNES Majors only unless seats available)
GEOL 101. Physical Geology
GEOL 102. Historical Geology
PHYS 1A + 11. Conceptual Physics (EECE students)
PHYS 103. Physics for Computer Science I
PHYS 1214 + 1211. General Physics I.
PHYS 1224 + 1221. General Physics II
PHYS 145 + 1451. Principles of Physics I
PHYS 1464 + 1461. Principles of Physics II
PSYCH 213W. Experimental Psychology (Psych majors)

**Notes:**
- ASTR 2 (LPS with a lab component) is considered the same course as ASTR 1 (SW, SCI without a lab component) - students cannot receive credits twice by taking those two classes. Please refer to CUNYfirst courses’ descriptions for all details.
- 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.

For the most updated list of offered General Education courses visit: http://gened.qc.cuny.edu/course-lists/pathways-courses/
**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 208. Literature and Society in North Africa & Middle East
- CMLIT 229W. Women in Modern World Literature
- CMLIT 231. African Literatures in the World Context
- ENGL 157W. Readings in Global Literatures in English
- DRAM 1. Intro. to Drama and Theatre
- FREN 203. Intermediate French I
- FREN 205. Introduction to Literary Analysis
- GRKMD 203. Intermediate Modern Greek I
- 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
- HIST 311. Jewish Society in Islamic Lands
- HIST 160P. Topics in U.S. History
- HIST 105P. Topics in U.S. History
- HIST 104P. Topics in U.S. History
- HIST 101P. General Intro.to Sociology
- HIST 102P. General Intro.to Sociology
- PHIL 101P. Intro. to Philosophy
- PHIL 104P. Intro. to Ethics
- PHIL 104HP. Intro. to Ethics (Honors only)
- PHIL 116. Intro. to Philosophy of Religion
- PSCI 101P. Intro. to Political Science
- PSCI 105P. Political Theory
- SEYS 120. Critical Social Theory, Action Research, and Multiple Literacies in Education for Social Justice (College Now Only)
- SOC 101. General Intro.to Sociology
- SOC 208. Social Problems
- SOC 215. Sociology of Education
- URBST 114. Sex and the City

**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
- LCD103. Multilingualism in the United States
- PSCI 100. American Politics and Government
- PSCI 102. Current Political Controversies
- PSCI 210. American State and Local Government
- 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 101YW. Introduction to Women's Studies

**Creative Expression (CE)**
- ARTH 102. History of Western Art II
- ARTH 113. Survey of Modern Art
- ARTH 114. Survey of Asian Art
- ARTH 220. Renaissance and the Birth of Modernity
- ARTH 256. Contemporary Art Practices
- ARTH 258. History of Photography
- 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
- CHEM 2516. Chemistry in Modern Society (161 Lab Optional)

**Creative Expression (CE - continued)**
- ARTS 333. Introduction to Socially Engaged Art Practice
- CMLIT 215W. Topics in Socially Engaged Art Practice
- 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
- HNRS 125. The Arts in New York City (Honors Only)
- 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
- PHIL 101P. Intro. to Philosophy
- PHIL 104P. Intro. to Ethics
- PHIL 104HP. Intro. to Ethics (Honors only)
- PHIL 116. Intro. to Philosophy of Religion
- PSCI 101P. Intro. to Political Science
- PSCI 105P. Political Theory
- SEYS 120. Critical Social Theory, Action Research, and Multiple Literacies in Education for Social Justice (College Now 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 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
- CHEM163. Chemistry in Modern Society (161 Lab Optional)

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**This course** (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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Scientific World (SW - continued)
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 9. Environmental Issues
GEOL 12. Natural Disasters
GEOL 77. Weather, Climate, and Climate Change
GEOL 101. Physical Geology
GEOL 102. Historical Geology
HNRS 225. Science and Technology in New York City
(Honors Only)
LCD 102. Analyzing Language
PHIL 225. Philosophy of the Natural Sciences
PHYS 3. Physics of Musical Sound
PHYS 14 + 11. Conceptual Physics (EECE students)
PHYS 103. Physics for Computer Science I
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)

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 - continued)
EAST 251. Modern Japanese Fiction in Translation
ENGL 151I/151W. Readings in British Literature
ENGL 152/152W. Readings in American Literature
ENGL 157W. readings in Global Literatures in English
ENGL 161I/161W. Introduction to Narrative
ENGL 162I/162W. Literature and Place
ENGL 165W. Intro.to Poetry
ENGL 331. Chaucer
ENGL 341. Drama of the Restoration and Eighteenth Century
ENGL 351. Nineteenth Century U.S. Literature
ENGL 355. African American Literature II
ENGL 360. VT: Latino/Latina Literature
ENGL 367. Modern Irish Literature
ENGL 369. Asian American Literature
ENGL 379 - VT: Transnational Post-Colonial Global Literature
FREN 41/41W. Masterpieces of French Lit. in Translation
FREN 205. Introduction to Literary Analysis
GERM 41W. German Literature in Translation
GRKM 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
MES 250. Literatures from the Islamic World
PORT 41. Global Portuguese Literature in Translation
RUSS 155/155W. Keys to Russian Literature
RUS 280. Dostoyevsky
SPAN 41. Masterpieces of Hispanic Literature in Translation
SPAN 60. Hispanic Literature and Culture in the United States

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
ARAB 101. Elementary Arabic I
ARAB 102. Elementary Arabic II
ARAB 204. Intermediate Arabic II
ASL 111. American Sign Language I (formerly LCD191.3)
ASL 112. American Sign Language II
CHIN 101. Elementary Chinese I
CHIN 102. Elementary Chinese II
CHIN 112. Elementary Chinese for Heritage Learners
CHIN 204. Intermediate Chinese II
CHIN 251. Introduction to Classical Chinese II
CHIN 311. Advanced Modern Chinese
CHIN 318. Introduction to Applied Chinese Linguistics
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 205. Introduction to Literary Analysis
FREN 235. Business French

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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)
FREN 350. French Novel Literature of the Nineteenth Century
FREN 385. VT: Seminar
GERM 111. Elementary German I
GERM 203. Intermediate German I
GERM 236. German Media of Today
GREEK 251. Elementary Ancient Greek I
GRKMD 111. Elementary Modern Greek I
GRKMD 203. Intermediate Modern Greek I
GRKMD 223. Modern Greek Conversation
GRKMD 306. Modern Greek Literature II
HEBRW 101. Elementary Hebrew I
HEBRW 102. Elementary Hebrew II
HEBRW 358. The Modern Hebrew Media
ITAL 111. Elementary Italian I
ITAL 112. Elementary Italian II
ITAL 203. Intermediate Italian I
ITAL 224. Advanced Grammar
JPNS 101. Elementary Japanese I
JPNS 203. Intermediate Japanese I
JPNS 305. Advanced Modern Japanese I
KOR 101. Elementary Korean I
KOR 102. Elementary Korean II
KOR 203. Intermediate Korean I
KOR 305. Advanced Korean I
KOR 370. Advanced Korean Through Film
LATIN 102. Intermediate Latin
LCD 101. Introduction to Language*
LCD 102. Analyzing Language*
(*EECE Students: 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 204. Intermediate Russian II
SPAN 111. Elementary Spanish I
SPAN 112. Elementary Spanish II
SPAN 201. Spanish for Heritage Speakers III
SPAN 203. Intermediate Spanish I
SPAN 204. Intermediate Spanish II
SPAN 215. Spanish Conversation
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-America Literature I
SPAN 290. Survey of Spanish-American Literature II
SPAN 312. The Culture and Civilization of Latin America
SPAN 390. Hispanic Literature Seminar
Science (SCI - continued)
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
CHEM 1134 + 1131. General Chemistry I: Intro to Chemical Techniques
CHEM 1144 + 1141. General Chemistry II: Qualitative 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 (SCI - only if taken in Spring 2020 term and beyond)**
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 ONLY unless seats available)
FNES 163. General Nutrition
GEOL 9. Environmental Issues
GEOL 12. Natural Disasters
GEOL 77. Weather, Climate, and Climate Change
GEOL 101. Physical Geology
GEOL 102. Historical Geology
HNRS 225. Science and Technology in New York City (Honors Only)
LCD 102. Analyzing Language
PHIL 225. Philosophy of the Natural Sciences
PHYS 3. Physics of Musical Sound
PHYS 14 + 11. Conceptual Physics (EECE students, lec. +lab.)
PHYS 103. Physics for Computer Science I
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):
ANTH 354. Time
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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