

# SPRING 2023 Pathways Course Offerings

CUNYfirst Data as of: 10/27/2021

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](https://senate.qc.cuny.edu/Curriculum/Approved_Courses/gened_courses.py)

## Required Core (RC)

### English Composition I (EC-1)

ENGL 110. College Writing I

ENGL 110H. 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

LIBR 170. Writing and Library Research Methods

MUSIC 121. Writing about Music

MUSIC 122. Writing Musical Culture

SOC 190. Writing for Sociology

URBST 120. Writing in Urban Studies

### Mathematical and Quantitative Reasoning (MQR)

CSCI 12. Intro. to Computers and Computation

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 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

MATH 231. Linear Algebra I

### Mathematical and Quantitative Reasoning (MQR-continued)

MATH 241. Intro. to Probability and Mathematical Statistics

PSYCH 1071 & 1073: Statistical Methods (Must register for both laboratory & lecture)

### 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 2514 + 2511. Organic Chemistry I

CHEM 2524 + 2521. Organic Chemistry II

ENSCI 99. A Practical Guide to Environmental Choices

ENSCI 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 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 213W. Experimental Psychology (Psych. major)

\*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: [https://senate.qc.cuny.edu/Curriculum/Approved\\_Courses/offered\\_gened.py](https://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.py)

## 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)  
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

ARTS 333. Introduction to Socially Engaged Art Practice

### Creative Expression (CE - continued)

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  
ENGL153W. Introduction to the Bible  
ENGL165W. 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 20<sup>th</sup> 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)  
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)  
SEYS 150. Youth & Society (\*Students need to register under the course's previous title, SEYS 290.3 Studies in Education, in CUNYfirst.)  
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  
CHEM163. Chemistry in Modern Society (161 Lab Optional)  
CHEM 1013 + 1011. Basic Chemistry  
CHEM 1023 + 1021. Basic Organic Chemistry  
CHEM 1033 + 1031. Basic Biochemistry

\*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: [https://senate.qc.cuny.edu/Curriculum/Approved\\_Courses/offered\\_gened.py](https://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.py)

### 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 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)

### 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)

**Note that courses listed under the ECI & EC2 categories DO NOT fulfill the COPT LIT requirement. Only the courses listed below do. If you are seeking to fulfill LIT and a Writing Unit concurrently, you must pick a section of a class that contains a "W."**

CLAS 150. Greek and Latin Classics in Translation

CMLIT 101W. Global Literatures I

CMLIT 101H. Global Literatures I (Honors only)

CMLIT 102W. Global Literatures II

EAST 250. Modern Chinese Fiction in Translation

EAST 251. Modern Japanese Fiction in Translation

### Literature (LIT - continued)

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. Dostoyevsky

SPAN 41. Masterpieces of Hispanic Literature in Translation

SPAN 53. Don Quixote 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

**(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

GRKMD 223. Modern Greek Conversation

\*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: [https://senate.qc.cuny.edu/Curriculum/Approved\\_Courses/offered\\_gened.py](https://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.py)

## Language (LANG - continued)

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-America 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)

(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

## Science (SCI - 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 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 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.

\*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: [https://senate.gc.cuny.edu/Curriculum/Approved\\_Courses/offered\\_gened.py](https://senate.gc.cuny.edu/Curriculum/Approved_Courses/offered_gened.py)

(End of document)

\*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: [https://senate.qc.cuny.edu/Curriculum/Approved\\_Courses/offered\\_gened.py](https://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.py)

TENTATIVE



TENTATIVE