

# A Tentative Guide to Fall 2024 Pathways Course Offerings

CUNYfirst Data Retrieved on 08/14/2024

For daily update of the courses, please visit [Scheduled General Education Courses](#) :

[https://christophervickery.com/babbage/Curriculum/Approved\\_Courses/offered\\_gened.py](https://christophervickery.com/babbage/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 courses 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. For more information on [General Education](#), please visit:

[https://christophervickery.com/babbage/Curriculum/Approved\\_Courses/offered\\_gened.py](https://christophervickery.com/babbage/Curriculum/Approved_Courses/offered_gened.py)

## REQUIRED CORE

### Composition I (EC-1)

ENGL 110. College Writing I

ENGL 110H. College Writing I (Honors Students Only)

### Composition II (EC-2)

BIOL 13. Writing in the Sciences - Evolutionary Themes

CMLIT 100. Writing about World Literature

ENGL 130. Writing about Literature in English

ENGL 130H. Writing about Literature in English (Honors Students 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 - An 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 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

### (MQR – continued)

MATH 231. Linear Algebra I

MATH 241. Intro.to Probability and Mathematical Statistics

PSYCH 1073+1071. Statistical Methods (Must register for both lab. and lecture)

### Life and Physical Sciences (LPS)

*(All courses contain a laboratory component. Those with two codes require registration into both lecture and lab. sections)*

ASTR 2. General Astronomy with Laboratory \*

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

BIOL 106. General Biology II

CHEM 1013 + 1011. Basic Chemistry + Lab

CHEM 1023 + 1021. Basic Organic Chemistry + Lab

CHEM 1033 + 1031. Basic Biochemistry + Lab

CHEM 1134 + 1131. General Chemistry I + Lab: Intro to Chemical Techniques

CHEM 1144 + 1141. General Chemistry II + Lab: Quantitative and Qualitative Analysis

CHEM 2514 + 2511. Organic Chemistry I + Lab

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)

GEOL 101. Physical Geology

GEOL 102. Historical Geology

PHYS 14 + 11. Conceptual Physics (EECE Major students)

PHYS 1214 + 1211. General Physics I + Lab.

PHYS 1224 + 1221. General Physics II + Lab.

PHYS 1454 + 1451. Principles of Physics I + Lab.

PHYS 1464 + 1461. Principles of Physics II + Lab.

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 200 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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## FLEXIBLE CORE

### World Cultures and Global Issues (WCGI)

AFST 101. Survey of African Civilization I  
AFST 203. Africa in the World  
ANTH 101. Introduction to Cultural Anthropology  
CMLIT 101H. Global Literatures I (Honors Students Only)  
CMLIT 101W. Global Literatures I  
CMLIT 102/102W. Global Literature II  
DANCE 151. Dance and Culture: Dancing Values  
DRAM I. Introduction to Drama and Theatre  
EAST 132. Civilization of Korea  
ENGL 157/157W. Great Works of Global Literatures in English  
FREN 203. Intermediate French I  
FREN 204. French Composition and Grammar I  
FREN 223. Advanced Conversation and Phonetics  
GRKMD 204. Intermediate Modern Greek II  
GRKMD 223. Modern Greek Conversation  
HIST 101. Early Modern Europe, 1500-1815  
HIST 102/102W. Modern Europe, 1815 to the Present  
HIST 160. VT: Topics in Global History  
HIST 311. Jewish Society in Islamic Lands, 632-1517  
ITAL 45W. Italian Culture and Thought  
ITAL 203. Intermediate Italian I  
MES 170. Islam  
MUSIC 264. Western Music History: Listening, Reading, and Analysis I  
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)

AFST 100. Introduction to Africana Studies  
ENGL 152/152W. Works of American Literature (non-majors)  
HIST 103. American History, 1607-1865  
HIST 104. American History, 1865 to the Present  
HIST 163. VT: Topics in U.S. History  
LCD 103. 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 101W. Introduction to Women and Gender Studies

### Creative Expression (CE)

ARTH I. Intro. to Art  
ARTH 102. History of Western Art II  
ARTH 110. Survey of Ancient Art  
ARTH 114. Survey of Asian Art

### Creative Expression (CE- continued)

ARTH 220. Renaissance Art and the Birth of Modernity  
ARTH 256. Contemporary Art Practices  
ARTH 258. History of Photography  
ARTS 333. Introduction to Socially Engaged Art Practice  
ARTS 388. Becoming Insect  
CMLIT 205. Modern Poetry  
CMLIT 215W. Topics in Modern Literature  
DANCE 150. Intro. to Dance  
DRAM 100. Intro. to Acting  
DRAM 111. Intro. to Design for the Theatre  
ENGL 153W. Intro. to the Bible  
ENGL 165W. Intro. to Poetry  
FREN 250W. French and Francophone Film and Media  
MUSIC I. 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 147. Family Relations  
HIST 255. VT: Transformational Moments in the Arab/Israeli Conflict  
MES 250. Literatures from the Islamic World  
MUSIC 247. Western Music History: Listening, Reading, and Analysis II  
PHIL 101. Intro. to Philosophy  
PHIL 104H. Intro. to Ethics (Honors Students Only)  
PHIL 104. Intro. to Ethics  
PHIL 116. Intro. to Philosophy of Religion  
PSCI 101. Introduction to Political Science  
PSCI 105. Political Theory  
SEYS 120. *Critical Social Theory, Action Research, and Multiple Literacies in 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  
WGS 104. Introduction to LGBTQ Studies

### Scientific World (SW)

(Only underlined courses contain a lab component)

ANTH 102. Intro. to Human Evolution  
ANTH 103. Intro. to Archaeology  
ASTR I. 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 + Lab  
CHEM 1023 + 1021. Basic Organic Chemistry + Lab  
CHEM 1033 + 1031. Basic Biochemistry + Lab

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## Scientific World (SW – continued)

CHEM 1134 + 1131. General Chemistry I + Lab: Intro to Chemical Techniques  
CHEM 1144 + 1141. General Chemistry II + Lab: Quantitative and Qualitative Analysis  
CHEM 2514 + 2511. Organic Chemistry I + Lab  
CSCI 111. Introduction to Algorithmic Problem Solving  
DATA 212W. Sociological Analysis  
DATA 235. Data and Society  
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)  
FNES 163. General Nutrition  
GEOL 9. Environmental Issues  
GEOL 16. Earthquakes, Volcanos and Moving Continents  
GEOL 25. Natural Resources and the Environment  
GEOL 77. Weather, Climate, and Climate Change  
GEOL 101. Physical Geology  
GEOL 102. Historical Geology  
HNRS 225. Science and Technology in NYC (Honors Students Only)  
LCD 102. Analyzing Language  
PHIL 225. Philosophy of the Natural Sciences  
PHYS 3. Physics of Musical Sound  
PHYS 103. Physics for Computer Science I  
PHYS 204. Physics for Computer Science II  
PHYS 1214 + 1211. General Physics I + Lab.  
PHYS 1224 + 1221. General Physics II + Lab.  
PHYS 1454 + 1451. Principles of Physics I + Lab.  
PHYS 1464 + 1461. Principles of Physics II + Lab.  
PSYCH 101. General Psychology  
PSYCH 103. Pleasure and Pain  
PSYCH 213W. Experimental Psychology (Psych. Major)

## 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

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 requirements. 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 101H. Global Literatures I (Honors Students Only)  
CMLIT101W. Global Literatures I  
CMLIT 102W. Global Literatures II  
EAST 250. Modern Chinese Fiction in Translation  
EAST 251. Modern Japanese Fiction in Translation  
ENGL 151/151W. Readings in British Literature: A Course for Nonmajors

## Literature (LIT - continued)

ENGL 152W. Readings in American Literature: A Course for Non-majors  
ENGL 157/157W. Readings in Global Literatures in English  
ENGL 161/161W. Introduction to Narrative  
ENGL 162/162W. Literature and Place  
ENGL 165H. Introduction to Poetry (Honors Students Only)  
ENGL 165W. Introduction to Poetry  
ENGL 334. Milton  
ENGL 351. Nineteenth-Century U.S. Literature  
ENGL 360. VT: Latina, Latino, and Latinx Literature  
FREN 41/41W. French and Francophone Literatures in Translation  
FREN 205. Introduction to Literary Analysis  
GERM 41W. Masterpieces of German  
GRKMD 41W. Modern Greek Literature in Translation  
GRKMD 335. Studies in Modern Greek Literature  
HEBRW 150. Modern Hebrew Literature in Translation  
ITAL 41/41W. 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 245. Russian Short Story  
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' locations and contact information.)

ANTH104. Language, Culture and Society  
(*EECE students: ANTH104, LCD101 & 102 are only choices if you already have a foreign language course.*)  
ARAB 101. Elementary Arabic I  
ARAB 203. Intermediate Arabic I  
ARAB 305. Advanced Arabic I  
ASL 111. American Sign Language I  
CHIN 101. Elementary Chinese I  
CHIN 112. Elementary Chinese for Heritage Learners  
CHIN 203. Intermediate Chinese I  
CHIN 250. Introduction to Classical Chinese I  
CHIN 318. Introduction to Applied Chinese Linguistics  
CHIN 320. Chinese Drama  
CHIN 330. The Chinese Essay  
CHIN 340. Readings from Chinese History  
CHIN 350. VT: Chinese Fiction  
CHIN 360. Traditional Chinese Literature  
FREN 111. Elementary French I  
FREN 112. Elementary French II  
FREN 203. Intermediate French I  
FREN 204. French Composition and Grammar I  
FREN 223. Advanced Conversation and Phonetics  
FREN 235. Business French  
FREN 380. Women's Writing in French  
GERM 111. Elementary German I  
GERM 203. Intermediate German I  
GRKMD 111. Elementary Modern Greek I  
GRKMD 204. Intermediate Modern Greek II

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## Language (LANG – continued)

GRKMD 223. Modern Greek Conversation  
GRKMD 335. Studies in Modern Greek Literature  
HEBRW 101. Elementary Hebrew  
HEBRW 102. Elementary Hebrew II  
HEBREW 356. Modern Hebrew Literature: 1948 to the Present Day  
ITAL 111. Elementary Italian I  
ITAL 112. Elementary Italian II  
ITAL 203. Intermediate Italian I  
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 370. Advanced Korean Through Film  
LATIN 101. Elementary Latin  
LCD 101. Intro. to Language  
LCD 102. Analyzing Language  
(*EECE students: ANTH104, LCD101 & 102 are only choices if you already have a foreign language course.*)  
PORT 111. Elementary Portuguese I  
RUSS 111. Elementary Russian I  
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 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 312. The Culture and Civilization of Latin America  
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 with Laboratory  
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  
BIOL 106. General Biology

BIOL 105. General Biology I  
BIOL 106. General Biology I  
CHEM 163. Chemistry in Modern Society (+161 Lab, Optional)  
CHEM 1013 + 1011. Basic Chemistry + Lab  
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CHEM 1033 + 1031. Basic Biochemistry + Lab  
CHEM 1134 + 1131. General Chemistry I + Lab: Intro to Chemical Techniques  
CHEM 1144 + 1141. General Chemistry II + Lab: Quantitative and Qualitative Analysis  
CHEM 2514 + 2511. Organic Chemistry I + Lab  
CSCI 111. Introduction to Algorithmic Problem Solving  
DATA 212W. Sociological Analysis (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)  
FNES 163. General Nutrition  
GEOL 8. Introduction to Oceanography  
GEOL 9. Environmental Issues  
GEOL 16. Earthquakes, Volcanos and Moving Continents  
GEOL 25. Natural Resources and the Environment  
GEOL 77. Weather, Climate, and Climate Change  
GEOL 101. Physical Geology  
GEOL 102. Historical Geology  
HNRS 225. Science and Technology in New York City  
LCD 102. Analyzing Language  
PHIL 225. Philosophy of Natural Sciences  
PHYS 3. Physics of Musical Sound  
PHYS 14 + 11. Conceptual Physics + Lab  
PHYS 103. Physics for Computer Science I  
PHYS 204. Physics for Computer Science II  
PHYS 1214 + 1211. General Physics I + Lab.  
PHYS 1224 + 1221. General Physics II + Lab  
PHYS 1454 + 1451. Principles of Physics I + Lab.  
PHYS 1464 + 1461. Principles of Physics II + Lab.  
PSYCH 101. General Psychology  
PSYCH 213W. Experimental Psychology

## Synthesis Other (SYN):

Any LPS or Flexible Core listed above, plus the following Synthesis courses.

ANTH 288. Voices of New York  
MUSIC 377. Musical Form and Analysis

## 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 Synthesis

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