A Tentative Guide to Fall 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 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:

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**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
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 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 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
FINES 101. The Science of Foods (FINES Majors Only)
GEOL 99. Planet Earth: Resources (and Hazards) for the 21st Century
GEOL 101. Physical Geology
GEOL 102. Historical Geology
PHYS 14 +11. Conceptual Physics (EECE Major students)
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.

*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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**Life and Physical Sciences (LPS-continued)**
PHYS 1464 + 1461. Principles of Physics II + Lab.
PSYCH 213W. Experimental Psychology (Psych. Major)

**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
DANCE 151. Dance and Culture: Dancing Values
DRAM 1. Intro to Drama and Theatre
ENGL 157/157W. Great Works of Global Literatures in English
FREN 203. Intermediate French I
FREN 205. Introduction to Literary Analysis
FREN 370. Topics in Francophone Literature
GRKMD 203. Intermediate Modern Greek I
HIST 101. Early Modern Europe, 1500-1815
HIST 102. Modern Europe, 1815 to the Present
HIST 160. VT: Topics in Global History
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)**
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
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
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 1. Intro 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)**
ARTH 220. Renaissance Art and the Birth of Modernity
ARTH 258. History of Photography
ARTS 333. Introduction to Socially Engaged Art Practice
ARTS 388. Becoming Insect
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
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 147. Family Relations
HIST 255. VT: Transformational Moments in the Arab/Israeli Conflict
MES 250. Literatures form the Islamic World
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
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 1. General Astronomy *
CSCI 111. Introduction to Algorithmic Problem Solving
DATA 212W. Sociological Analysis

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Language (LANG – continued)
HEBRW 311. Hebrew Conversation
ITAL 111. Elementary Italian I
ITAL 112. Elementary Italian II
ITAL 203. Intermediate Italian I
ITAL 204. Intermediate Italian II
ITAL 223. Advanced Conversation
ITAL 224. Advanced Grammar
ITAL 362. Studies in Modern Literature II: Poetry
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. Advanced 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
RUSS 112. Elementary 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 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 338. Foundations of Spanish Linguistics
SPAN 390. Hispanic Literature Seminar

Science (SCI – continued)
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
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
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 99. Planet Earth: Resources (and Hazards) for the 21st Century
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 5. Physics and the Future
PHYS 7. Intro.to the Physics of Musical Sounds
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 103. Pleasure and Pain
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
LCD 288. Voices of New York

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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