Spring 2020 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. Retrieved: 10/22/2019
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: http://gened.qc.cuny.edu

Required Core (RC)

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 130 H. Writing about Literature in English (Honors Students Only)
EURO 120. Writing about European Literature and Culture
HIST 190. Writing and History
LIBR 170. Writing with Research: Fan Cultures
MUSIC 121. Writing about Music
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 - An Intro.to College Mathematics
MATH 114/114 W. 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
MATH 231. Linear Algebra I
MATH 241. Intro.to Probability and Mathematical Statistics
PSYCH 1073 (lec.)+1071 (lab.) Statistical Methods
SOC 205. Social Statistics (now named DATA 205)

Life and Physical Sciences (LPS)
(All courses contain a lab component.)
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 43. Anatomy & Physiology
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 99. Planet Earth: Resources (and Hazards) for the 21st Century
GEOL 101. Physical Geology
GEOL 102. Historical Geology
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 213W. Experimental Psychology

Flexible Core (FC)

World Cultures and Global Issues (WCGI)
ANTH 101. Intro.to Cultural Anthropology
CMLIT 101H. Global Literatures I (Honors Students Only)
CMLIT 101/101W. Global Literatures I
CMLIT 208. Literature and Society in North Africa and the Middle East

*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.

For information on General Education at Queens College please visit http://gened.qc.cuny.edu This list is only accurate as of 10/22/19. For the most updated list of offered General Education courses visit: http://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.php
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.

For information on General Education at Queens College please visit [http://gened.qc.cuny.edu](http://gened.qc.cuny.edu). This list is only accurate as of 10/22/19. For the most updated list of offered General Education courses visit: [http://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.php](http://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.php)

---

**U.S. Experience in its Diversity (USED)**

- AMST 110W. American Studies
- ENGL 152/152W. Works of 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)
- 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
- 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 113. Survey of Modern Art
- ARTH 220. Renaissance Art and the Birth of Modernity
- ARTH 256. Contemporary Art Practices
- ARTS 333. Introduction to Socially Engaged Art Practice
- CMLIT 215W. Topics in Modern Literature
- DANCE 150. Introduction to Dance
- DRAM 100. Introduction to Acting
- DRAM 111. Intro. to Design for the Theatre
- ENGL 153/153W. Introduction to the Bible
- ENGL165/165W. Introduction to Poetry
- GRKMD 250. Modern Greek Film and Media

---

**Individual and Society (IS)**

- ACCT 261. Business Law I
- ANTH 104. Language, Culture, and Society
- ECON 100. Economics and Society
- ECON 101. Intro. to Macroeconomics
- ECON 102. Intro. to Microeconomics
- HIST 255. VT: Transformational Moments in the Arab/Israeli Conflict
- HSS 200. Social Sciences and Society
- PHIL 101. Intro. to Philosophy
- PHIL 104. Intro. to Ethics
- PHIL 104H. Intro. to Ethics (Honors Students Only)
- PHIL 116/116W. Intro. to Philosophy of Religion
- PSCI 101. Intro. to Political Science
- PSCI 105. Political Theory
- 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.)

- AMST 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 43. Anatomy & Physiology
- 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 1013 + 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 100. Information and Intelligence
- CSCI 111. Intro.to Algorithmic Problem Solving (SW - only if taken in Spring 2020 term and on)
- DATA 212W. Sociological Analysis (formerly SOC 212W)
- 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 and Awareness
- GEOL 12. Natural Disasters

---

*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.

For information on General Education at Queens College please visit [http://gened.qc.cuny.edu](http://gened.qc.cuny.edu). This list is only accurate as of 10/22/19. For the most updated list of offered General Education courses visit: [http://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.php](http://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.php)
### General Education Courses

#### Earth Sciences
- **GEOL 16.** Earthquakes, Volcanoes and Moving Continents
- **GEOL 25.** Natural Resources and the Environment
- **GEOL 77.** Weather, Climate, and Climate Change

#### Physical Sciences
- **GEOL 101.** Physical Geology
- **PHIL 225.** Philosophy of 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

#### General Education Courses

### College Option (COPT)

#### Literature (LIT)
- **CLAS 150.** Greek and Latin Classics in Translation
- **CMLIT 101H.** Global Literatures I (Honors Students Only)
- **CMLIT101/101W.** Global Literatures I
- **CMLIT 102/102W.** Global Literatures II
- **EAST 152.** Korean Literature in Translation
- **EAST 250.** Modern Chinese Fiction in Translation
- **EAST 251.** Modern Japanese Fiction in Translation
- **ENGL 151/151W.** Works of English Literature: A Course for Nonmajors
- **ENGL 152/152W.** Works of American Literature: A Course for Nonmajors
- **ENGL 157/157W.** Great Works of Global Literatures in English
- **ENGL 161/161W.** Intro.to Narrative
- **ENGL 162/162W.** Literature and Place
- **ENGL 165/165W.** Intro.to Poetry
- **ENGL 321.** Seventeenth-Century Literature
- **ENGL 332.** Shakespeare I
- **ENGL 340.** Medieval and Early Modern Drama
- **ENGL 351.** Nineteenth-Century Modern Literature
- **ENGL 354.** African-American Literature I
- **ENGL 360.** VT: Latino/Latina Literature
- **ENGL 363.** VT: Global Literatures in English
- **ENGL 377.** Modern South Asian Literature
- **FREN 41/41W.** Masterpieces of French Literature in Translation
- **SPAN 53H.** Don Quixote in Translation (Honors Students Only)
- **SPAN 60.** Hispanic Literature and Culture in the United States

#### Language (LANG)
- **ARAB 101.** Elementary Arabic I
- **ARAB 102.** Elementary Arabic II
- **ARAB 204.** Intermediate Arabic II
- **CHIN 101.** Elementary Chinese I
- **CHIN 102.** Elementary Chinese II
- **CHIN 204.** Intermediate Chinese II
- **CHIN 251.** Introduction to Classical Chinese II
- **CHIN 314.** Chinese Grammar, Rhetoric and Composition
- **CHIN 320.** Chinese Drama
- **FREN 111.** Elementary French I
- **FREN 112.** Elementary French II
- **FREN 203.** Intermediate French I
- **FREN 204.** French Composition and Grammar I
- **FREN 206.** Introduction to French Literature
- **FRKMD 111.** Elementary Modern Greek I
- **FRKMD 203.** Intermediate Modern Greek I
- **FRKMD 223.** Modern Greek Conversation
- **HEBREW 101.** Elementary Hebrew I
- **HEBREW 102.** Elementary Hebrew II
- **HEBREW 358.** The Modern Hebrew Media
- **ITAL 111.** Elementary Italian I
- **ITAL 112.** Elementary Italian II
- **ITAL 203.** Intermediate Italian I
- **ITAL 204.** Intermediate Italian II
- **ITAL 235.** Commercial and Technical Italian
- **JPNS 101.** Elementary Japanese I
- **JPNS 102.** Elementary Japanese II
- **JPNS 204.** Intermediate Japanese II
- **JPNS 306.** Advanced Modern Japanese II
- **KOR 101.** Elementary Korean I
- **KOR 102.** Elementary Korean II
- **KOR 203.** Intermediate Korean I
- **KOR 204.** Intermediate Korean II
- **KOR 306.** Advanced Korean II
- **KOR 360.** Readings in Korean
- **LATIN 102.** Intermediate Latin
- **LCD 101.** Introduction to Language
- **LCD 102.** Analyzing Language
- **PORT 111.** Elementary Portuguese I
- **RUSS 111.** Elementary Russian I
- **RUSS 203.** Intermediate Russian I
- **SPAN 304.** Readings in Modern Spanish I
- **SPAN 306.** Advanced Modern Spanish

For information on General Education at Queens College please visit [http://gened.qc.cuny.edu](http://gened.qc.cuny.edu). This list is only accurate as of 10/22/19. For the most updated list of offered General Education courses visit: [http://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.php](http://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.php)
(Cont'd LANG/COPT)
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-America Literature I
SPAN 290. Survey of Spanish American Literature II
SPAN 310. The Culture and Civilization of Spain
SPAN 337. Advanced Grammar and Phonology
SPAN 338. Foundations of Spanish Linguistics
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 22. Introduction to Human Physiology
BIOL 40. Anatomy and Physiology I
BIOL 41. Anatomy and Physiology II
BIOL 43. Anatomy & Physiology
BIOL 44. Food and Human Microbiology
BIOL 105. General Biology I
BIOL 106. General Biology II
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
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 12. Natural Disasters
GEOL 16. Earthquakes, Volcanoes and Moving Continents
GEOL 25. Natural Resources and the Environment
GEOL 77. Weather, Climate, and Climate Change
GEOL 99. Planet Earth: Resources (and Hazards) for the 21st Century
GEOL 101. Physical Geology
GEOL 102. Historical Geology

(Cont'd SCI/COPT)
LCD 102. Analyzing Language
PHIL 225. Philosophy of the 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
SOC 212W. Sociological Analysis
SOC 235. Data and Society

Other (SYN):
Any LPS or Flexible Core listed above, plus the following Synthesis courses.
ANTH 354. Time

*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.

For information on General Education at Queens College please visit [http://gened.qc.cuny.edu](http://gened.qc.cuny.edu). This list is only accurate as of 10/22/19. For the most updated list of offered General Education courses visit: [http://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.php](http://senate.qc.cuny.edu/Curriculum/Approved_Courses/offered_gened.php)