SUMMER 2016 PATHWAYS COURSES

Freshmen and transfer students who entered the college for the Fall 2013 semester or later must 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 Core/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. For more information on General Education, please visit: http://gened.qc.cuny.edu

Summer I Short 2016 Pathways Courses

Note: Although some courses appear more than once under different pathways designations, each course can only satisfy one requirement at a time.

**Required Core:**
- **College Writing I (EC-1)** None
- **College Writing 2 (EC-2)**
  - CMLIT 100. Writing about World Literature
  - MUSIC 121. Writing about Music
- **Mathematics and Quantitative Reasoning (MQR)**
  - CSCI 12. Introduction to Computers and Computation
  - MATH 114. Elementary Probability and Statistics
  - MATH 122. Precalculus
  - MATH 131. Calculus with Applications to the Social Sciences I
  - MATH 141. Calculus/Differentiation
- **Life and Physical Sciences (LPS)**
  - BIOL 11. Introduction to College Biology
- **Individual and Society (IS)**
  - ACCT 261. Business Law I
  - ECON 101. Introduction to Macroeconomics
  - ECON 102. Introduction to Microeconomics
  - PHIL 101. Introduction to Philosophy
  - PHIL 104. Introduction to Ethics
  - PHIL 116. Introduction to Philosophy of Religion
  - PSCI 101. General Introduction to Sociology
  - PSCI 103. Comparative Politics
  - PSCI 104. International Politics
  - SPAN 203. Intermediate Spanish I
  - SPAN 221. Language Workshop for Spanish Heritage Students
- **Scientific World (SW)**
  - ANTH 102. Introduction to Human Evolution
  - ANTH 103. Introduction to Archaeology
  - ASTR 1. General Astronomy
  - BIOL 11. Introduction to College Biology
  - LCD 102. Analyzing Language
  - PSYCH 101. General Psychology
- **College Core/College Option:**
  - **Literature (LIT)**
    - CMLIT 101W. Global Literatures I
    - CMLIT 102W. Global Literatures II
    - ENGL 151/151W. Works of English Literature: A Course for Nonmajors
    - ENGL 152/152W. Works of American Literature: A Course for Nonmajors
    - ENGL 157W. Great Works of Global Literatures in English
    - ENGL 161W. Introduction to Narrative
    - ENGL 162W. Literature and Place
    - ENGL 165W. Introduction to Poetry
    - ENGL 332. Shakespeare I
    - MES 160. Classical Islamic Literature and Civilization
    - RUSS 155. Keys to Russian Literature
- **Language (LANG)**
  - ARAB 101. Elementary Arabic I
  - ARAB 203. Intermediate Arabic I
  - CHIN 203. Intermediate Chinese I
  - FREN 111. Elementary French I
  - ITAL 111. Elementary Italian I
  - JPNS 203. Intermediate Japanese I
  - KOR 101. Elementary Korean I
  - KOR 203. Intermediate Korean I
  - LCD 101. Introduction to Language
  - LCD 102. Analyzing Language
  - PORT 111. Elementary Portuguese I

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 4/4/16. 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)
SPAN 111. Elementary Spanish I
SPAN 112. Elementary Spanish II
SPAN 203. Intermediate Spanish I
SPAN 221. Language Workshop for Spanish Heritage Students

Science (SCI)
ANTH 102. Introduction to Human Evolution
ANTH 103. Introduction to Archaeology
ASTR 1. General Astronomy
BIOL 11. Introduction to College Biology

Summer II Short 2016 Pathways Courses
Freshmen and transfer students who entered the college for the Fall 2013 semester or later must select courses from the following list of pathways courses offered to fulfill their General Education requirements.
Note: Although some courses appear more than once under different pathways designations, each course can only satisfy one requirement at a time.

Required Core:

College Writing 1 (EC-1)
None
College Writing 2 (EC-2)
CMLIT 100. Writing about World Literature

Mathematics and Quantitative Reasoning (MQR)
CSCI 111. Introduction to Algorithmic Problem Solving

Life and Physical Sciences (LPS)
BIOL 11. Introduction to College Biology
FNES 101. The Science of Foods

Flexible Core:

World Cultures and Global Issues (WCGI)
None
U.S. Experience in its Diversity (USED)
PSCI 100. American Politics and Government
URBST 101. Urban Issues: Poverty and Affluence

Creative Expression (CE)
ARTH 102. History of Western Art II
CMLIT 215W. Topics in Modern Literature
MUSIC 1. Introduction to Music

Individual and Society (IS)
ANTH 104. Language, Culture, and Society
PSCI 101. Introduction to Political Science
PSCI 105. Introduction to Political Thought

Scientific World (SW)
BIOL 11. Introduction to College Biology
FNES 101. The Science of Foods
PSYCH 101. General Psychology

Other (SYN)
Any LPS or Flexible Core course listed above, plus the following Synthesis course.

Language (LANG)
ARAB 102. Elementary Arabic II
ARAB 204. Intermediate Arabic II
CHIN 204. Intermediate Chinese II
GERM 111. Elementary German I
JPNS 204. Intermediate Japanese II
KOR 102. Elementary Korean II
KOR 204. Intermediate Korean II
LCD 101. Introduction to Language

Science (SCI)
BIOL 11. Introduction to College Biology
FNES 101. The Science of Foods
PSYCH 101. General Psychology

Other (SYN)
Any LPS or Flexible Core course listed above, plus the following Synthesis course.

College Core/College Option:

Literature (LIT)
CMLIT 102W. Global Literatures II
Summer II Long 2016 Pathways Courses

Freshmen and transfer students who entered the college for the Fall 2013 semester or later must select courses from the following list of offered pathways courses to fulfill their General Education requirements. Note: Although some courses appear more than once under different pathways designations, each course can only satisfy one requirement at a time.

**Required Core:**

- **College Writing 1 (EC-1)**
  - ENGL 110. College Writing I

- **College Writing 2 (EC-2)**
  - ENGL 130. Writing about Literature in English
  - MUSIC 121. Writing about Music

- **Mathematics and Quantitative Reasoning (MQR)**
  - CSCI 12. Introduction to Computers and Computation
  - CSCI 48. Spreadsheet Programming
  - CSCI 111. Introduction to Algorithmic Problem-Solving
  - CSCI 211. Object-Oriented Programming in C++
  - CSCI 212. Object-Oriented Programming in Java
  - MATH 110. Mathematical Literacy - An Introduction to College Mathematics
  - MATH 114. Elementary Probability and Statistics
  - 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. Calculus
  - PSYCH 107. Statistical Methods

- **Life and Physical Sciences (LPS)**
  - CHEM 1013 + 1011. Basic Chemistry + Lab
  - CHEM 1023 + 1021. Basic Organic Chemistry + Lab
  - CHEM 1134 + 1131. General Chemistry I+ Lab: Introduction to Chemical Techniques
  - CHEM 1144 + 1141. General Chemistry II + Lab: Quantitative and Qualitative Analysis
  - PHYS 1214 + 1211. General Physics I + Lab
  - PHYS 1224 + 1221. General Physics II + Lab
  - PSYCH 213W. Experimental Psychology

- **Flexible Core:**

- **World Cultures and Global Issues (WCGI)**
  - HIST 101. Early Modern Europe, 1500-1815
  - HIST 102. Modern Europe, 1815 to the Present

- **U.S. Experience in its Diversity (USED)**
  - AMST 110W. Introduction to American Society and Culture
  - ENGL 152W. Works of American Literature: A Course for Nonmajors
  - HIST 103. American History, 1607-1865
  - HIST 104. American History, 1865 to the Present
  - SOC 211. Ethnic and Racial Relations
  - URBST 101. Urban Issues: Poverty and Affluence
  - URBST 103. Urban Diversity
  - URBST 105. Urban Politics

- **Creative Expression**
  - DRAM 100. Introduction to Acting
  - ENGL 165W. Introduction to Poetry

- **Individual and Society (IS)**
  - ECON 101. Introduction to Macroeconomics
  - ECON 102. Introduction to Microeconomics
  - PHIL 101. Introduction to Philosophy
  - PHIL 104. Introduction to Ethics
  - PHIL 116. Introduction to Philosophy of Religion
  - SOC 208. Social Problems

- **Scientific World (SW)**
  - ASTR 1. General Astronomy
  - CHEM 163 + 161: Chemistry in Modern Society + Lab
  - CHEM 1013 + 1011. Basic Chemistry + Lab
  - CHEM 1023 + 1021. Basic Organic Chemistry + Lab
  - CHEM 1134 + 1131. General Chemistry I+ Lab: Introduction to Chemical Techniques
  - CHEM 1144 + 1141. General Chemistry II + Lab: Quantitative and Qualitative Analysis
  - PHYS 1214 + 1211. General Physics I + Lab
  - PHYS 1224 + 1221. General Physics II + Lab
  - PSYCH 213W. Experimental Psychology
  - SOC 212W. Sociological Analysis

- **College Core/College Option:**

- **Literature (LIT)**
  - ENGL 151W. Works of English Literature: A Course for Nonmajors
  - ENGL 152W. Works of American Literature: A Course for Nonmajors
  - ENGL 161W. Introduction to Narrative
  - ENGL 162W. Literature and Place

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 4/4/16. 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)
ENGL 165W. Introduction to Poetry
SPAN 41. Masterpieces of Hispanic Literature in Translation

**Language (LANG)**
RUSS 111. Elementary Russian I
SPAN 111. Elementary Spanish I
SPAN 112. Elementary Spanish II
SPAN 203. Intermediate Spanish I
SPAN 224. Grammar
SPAN 240. Introduction to Hispanic Literary Studies

**Science (SCI)**
ASTR 1. General Astronomy
CHEM 163 + CHEM 161: Chemistry in Modern Society + Lab
CHEM 1013 + 1011. Basic Chemistry + Lab
CHEM 1023 + 1021. Basic Organic Chemistry + Lab
CHEM 1134 + 1131. General Chemistry I + Lab: Introduction to Chemical Techniques
CHEM 1144 + 1141. General Chemistry II + Lab: Quantitative and Qualitative Analysis
PHYS 14 + 11. Conceptual Physics
PHYS 1214 + 1211. General Physics I + Lab.
PHYS 1224 + 1221. General Physics II + Lab.
PSYCH 101. General Psychology
PSYCH 213W. Experimental Psychology
SOC 212W. Sociological Analysis

**Other**
Any LPS or Flexible Core course listed above, plus the following Synthesis course.
None

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 4/4/16. 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)