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|  | **CCNY Pathways Common Core Courses 1/22/2019** |
|  |  **Required (Fixed) Core** |
|   | **English Composition I (EC)** *recommended in the 1st semester of study* |
| ENGL 11000 | Freshman Composition |
| FIQWS 10103 | Composition for WCGI History and Culture |
| FIQWS 10105 | Composition for WCGI Literature |
| FIQWS 10108 | Composition for Individual and Society |
| FIQWS 10111 | Composition for Scientific World |
| FIQWS 10113 | Composition for Creative Expression |
| FIQWS 10115 | Composition for US Experience |
| FIQWS 10145 | Composition for Philosophy |
|   | **English Composition II (EC)** *recommended in the 2nd semester of study* |
| ENGL 21001 | Writing for the Humanities and the Arts |
| ENGL 21002 | Writing for the Social Sciences |
| ENGL 21003 | Writing for the Sciences |
| ENGL 21007 | Writing for Engineers |
|   | **Math and Quantitative Reasoning (MQR)** |
| FQUAN 10050 | Freshman Quantitative Analysis: Developing a Taste for Numbers  |
| MATH 15000 | Mathematics for the Contemporary World |
| MATH 17300 | Introduction to Probability and Statistics  |
| OTHER | see bottom of the list for additional courses recommended for BS majors |
|   | **Life and Physical Sciences (LPS)** *recommended in the 4th semester of study\** |
| BIO 10004 | Biology: Human Biology |
| CHEM 11000 | Exploring Chemistry: Energy and Environment |
| EAS 10400 | Perspectives on Global Warming |
| OTHER | see bottom of the list for additional courses recommended for particular majors |
|   | *\*BA and BFA students only; BS majors need to consult an advisor* |
|   |  **Flexible Core** |
|   | **Creative Expression (CE)**  *recommended in the 1st or 2nd semester of study* |
| AES 23202 | Survey of World Architecture I |
| AES 24202 | Survey of World Architecture II |
| ART 10000 | Introduction to Visual Arts of the World |
| FIQWS 10013 | FIQWS Creative Expression *(taken in the 1st semester of study)* |
| MUS 10100 | Introduction to Music |
| MUS 10200 | Introduction to World Music  |
| MUS 14500 | Introduction to Jazz |
| PHIL 14300 | What Is Art? |
| THTR 13100 | Introduction to Theatre |
| URB 20010  | Introduction to Urban Studies |
|   | **World Cultures and Global Issues (WCGI) - Literature** *recommended in the 3rd or 4th semester of study* |
| JWST 31602 (11700) | The Bible as Literature |
| FIQWS 10005 | FIQWS WCGI Literature *(taken in the 1st semester of study)* |
| FREN 28300 | The Literature of Contemporary France |
| SPAN 28100 | Masterworks of Spanish Literature I |
| SPAN 28300 | Masterworks of Latin American Literature |
| THTR 21100 | Theatre History 1 |
| THTR 21200 | Theatre History 2 |
| THTR 21300 | Theatre History 3 |
| WHUM 10100 | World Humanities I |
| WHUM 10200 | World Humanities II |
| WHUM 10312 | World Humanities: Modern World Literature |
|   | **World Cultures and Global Issues (WCGI) - History & Culture** *recommended in the 1st or 2nd semester of study* |
| ANTH 10100 | General Anthropology |
| ANTH 20000 | Archaeology |
| ASIA 10100 | Asia and its Peoples |
| ASIA 20200 | Contemporary Asia |
| ASIA 20500 | Contemporary China |
| BLST 10200 | African Heritage: Caribbean-Brazilian Experience |
| CLASSICS 321 | Classical Myth in Film  |
| FIQWS 10003 | FIQWS WCGI History and Culture *(taken in the 1st semester of study)* |
| INTL 20100 | International Studies: A Global Perspective |
| HIST 23700 | Asia and the World |
| HIST 23800 | The Middle East in Global History |
| HIST 27600/BLST 31201 | Africa and the Modern World |
| PHIL 14100 | Asian Philosophy |
| WCIV 10100 | World Civilizations I: Prehistory to 1500 AD |
| WCIV 10200 | World Civilizations II:1500 AD to present |
| HIST 20400 | Early Modern Europe |
| HIST 20600  | Modern Europe |
| URB 31000 (20020) | The City in History |
|   | **Individual and Society (IS)** *recommended in the 1st or 2nd semester of study* |
| ANTH 20100 | Cross Cultural Perspectives |
| EDCE 25600 | Language, Mind, and Society  |
| ECO 10250 | Principles of Microeconomics |
| FIQWS 10008 | FIQWS Individual and Society *(taken in the 1st semester of study)* |
| JWST 10411 | Psychology of Religion |
| JWST 10500 | Introduction to Jewish Law and Ethics |
| JWST 28100 | The Holocaust |
| PHIL 14400 (11206) | Environmental Philosophy |
| PHIL 14500 | Ethics in Business |
| PHIL 14600 | Justice |
| PHIL 14700 | Personal Morality |
| PHIL 14800 | Persons and Machines |
| PHIL 14900 | Science, Technology and Society |
| PSY 10200 | Psychology in Modern World |
| SOC 10500 | Individual, Group and Society: An Introduction to Sociology |
| WS10000  | Women’s/Gender Roles in Contemporary Society |

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|   | **Scientific World (SW)** *recommended in the 2nd and 3rd semester of study* |
| ASTR 30500 | Methods in Astronomy |
| EAS 10000 | The Dynamic Earth |
| EAS 10100 | The Atmosphere |
| EAS 10300 | Environmental Geology |
| FIQWS 10011 | Scientific World *(taken in the 1st semester of study)* |
| MED 10000 | Introduction to Drug Abuse and Addiction |
| SSC 31150  | Environmental Sustainability and Social Justice |
|   | **US Experience in its Diversity (US)** *recommended in the 1st or 2nd semester of study* |
| ENGL 15500 | American Literature |
| FIQWS 10015 | FIQWS U.S. Experience in its Diversity *(taken in the 1st semester of study)* |
| PHIL 14200 | Race, Gender, and Philosophy |
| PSC 10100 | American Government and Politics |
| USSO 10100 | US Society |
| HIST 24000 | The United States: From Its Origins to 1877 |
| HIST 24100 | The United States since 1865 |
|   | **CLAS College Option** |
|   | **Logical-Philosophical Courses** *recommended in the 4th semester of study* |
| PHIL 10200 | Intro to Philosophy |
| PHIL 11250 (13000) | Scientia: the Unity of Knowledge  |
| PHIL 20100 | Logical Reasoning |
| PHIL 20600  | Philosophy of Science Fiction |
| PHIL 30001  | Rational Animal (Honors Students Only) |
| PHIL 30500 | History of Philosophy I: Ancient Philosophy |
| PHIL 30800  | Ethics |
| PHIL 32200 | Philosophy of Science  |
| PHIL 33700   | Decision Theory |
| PHIL 34900  | Applied Ethics |
| PHIL 34905      | Bioethics |
| FIQWS 10045 | FIQWS Philosophy *(taken in the 1st semester of study)* |
| PSC 12400 | Political Ideas and Issues |

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|   | **OTHER Pathways Courses, recommended for particular majors only** |
|   |  **Required (Fixed) Core** |
|   | **English Composition I (EC)** |
| IAS 10000 | Core Humanities I (CWE students only) |
|   | **English Composition II (EC)** |
| ART 21000 | Writing About Art (recommended for Art majors) |
| MUS 21000 | Writing about Music (recommended for Music majors) |
| ENGL 25000 | Introduction to Literary Study (recommended for English majors) |
| IAS 10100 | Core Humanities II (CWE students only) |
|   | **Math and Quantitative Reasoning (MQR), varies by degree, consult advisor** |
| ECO 20150 (29000) | Principles of Statistics (recommended for Economics majors) |
| MATH 17300 | Introduction to Probability and Statistics  |
| MATH 17700 | Biostatistics |
| MATH 18000 | Quantitative Reasoning |
| MATH 18500 | Basic Ideas in Mathematics |
| MATH 19000 | College Algebra and Trigonometry |
| MATH 19500 | Precalculus |
| MATH 20100 | Calculus I |
| MATH 21200 (20200) | Calculus II |
| MATH 21300 (20300) | Calculus III |
| MATH 20500 | Elements of Calculus |
| MATH 20900 | Elements of Calculus and Statistics |
| MED 22309 | Fundamentals of Epidemiology and Biostatistics |
| PSY 21500 | Applied Statistics (recommended for Psychology majors) |
| SOC 23100 | Sociological Statistics (recommended for Sociology majors) |
|  **Life and Physical Sciences (LPS)** *a dual designation course can only satisfy one requirement* |
| BIO 20700 | Organismic Biology LPS |
| BIO 22800 | Ecology and Evolutions LPS |
| CHEM 21000 | Applied Chemistry for Biochemical Engineers LPS |
| EAS 21300 | Engineering Geology LPS |
| MED 10200 | Principles of General Chemistry LPS |
| MED 20300 | Bio-Organic Chemistry LPS |
| MED 20400 | Molecules to Cells I LPS |
| PHYS 21900 | Physics for Architecture Students (recommended for Architecture students only) LPS |
| BIO 10100 | Biological Foundations I LPS,SW |
| BIO 10200 | Biological Foundations II LPS,SW |
| CHEM 10301 | General Chemistry I LPS,SW |
| CHEM 10401 | General Chemistry II LPS,SW |
| EAS 10600 | Earth Systems Science (recommended for Architecture students) LPS,SW |
| EAS 22700 | Structural Geology (recommended for Architecture students) LPS,SW |
| IAS 10400 | Nature and Human Beings I (CWE Students only) LPS,SW |
| IAS 10500 | Nature and Human Beings II (CWE Students only) LPS,SW |
| PHYS 20300 | General Physics I LPS,SW |
| PHYS 20400 | General Physics II LPS,SW |
| PHYS 20700 | General Physics I LPS,SW |
| PHYS 20800 | General Physics II LPS,SW |
| SCI 12400 | Principles of Physical Science (recommended for Education majors) LPS,SW |
| SCI 12500 | Principles of Scientific Life (recommended for Education majors) LPS,SW |
| SCI 12600 | Principles of Environmental Space (recommended for Education majors) LPS,SW |
|   |  **Flexible Core** |
|   | **Creative Expression (CE)** |
| ART 10001 | Introduction to Visual Arts of the World (Honors students only) |
| ART 29104 | Women and Art I (IAS students only) |
| MHC 10101 | The Arts in New York City (Honors) |
| MUS 10101 | Introduction to Music (Honors students only) |
| MUS 10201 | Introduction to World Music (Honors students only) |
| MUS 14501 | Introduction to Jazz (Honors students only) |
|   | **World Cultures and Global Issues (WCGI) - Literature** |
| WHUM 10101 | World Humanities (Honors students only) |
| WHUM 10201 | World Humanities II (Honors students only) |
| WHUM 10321 | World Humanities: Modern World Literature (Honors students only) |
|   | **World Cultures and Global Issues (WCGI) - History & Culture** |
| WCIV 10101 | World Civilizations (Honors students Only) |
| WCIV 10201 | World Civilizations II (Honors students Only) |
|   | **World Cultures and Global Issues (WCGI)** |
| SPAN 12104 | Introductory Spanish i(IAS students only) |
| SPAN 12204 | Introductory Spanish ii (IAS students only) |
|   | **Individual and Society (IS)** |
| MHC 20401 | Macaulay Seminar 4: Shaping the Future of New York City (Honors students only) |
| ECO 19150 | Honors Introduction to Economics (Honors students only) |
| PSY 10101 | Psychology in Modern World (Honors students only) |
| SOC 10501 | Introductory Sociology for Freshman Honors Students (Honors students only) |
| IAS 122000 (31292) | Introduction to Urban Studies and Planning (IAS students only) |
| SOC 38144 | School in American Societies (IAS Students only) |
|   | **Scientific World (SW)** |
| MHC 20301 | Honors: Science and Technology in New York (Honors students only) SW |
| BIO 20600 | Introduction to Genetics SW |
| BIO 22900 | Cell and Molecular Biology SW |
| CHEM 24300 | Quantitative Analysis SW |
| CHEM 26100 | Organic Chemistry I SW |
| SCI 10001 | Man and Nature: Life (Honors) SW |
| SCI 10101 | Introduction to Physical Sciences (Honors students Only) SW, LPS |
| MED 20000 | Introduction to Human Genetics (Biomed students only) SW, LPS |
| MED 30501 | Molecules to Cells II (Biomed students only) SW,LPS |
| OTHER see courses listed under LPS which have dual designations; can only be used to satisfy one requirement |
|  | **US Experience in its Diversity (US)** |
| AES 21200 | The Built Environment of New York City (recommended for Architecture majors) |
| MHC 10201 | Honors: The Peopling of New York (Honors students only) |
| HIST 12404  | American Civilization I (IAS students only) |
| PSC 10101 | American Government and Politics (Honors students only) |
| PSC 10104 | US Government and Politics (IAS students only) |
| USSO 10101 | US Society (Honors students only) |

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| **CLAS College Option Philosophy Courses** |
| The Rational Animal (Honors students Only) |