2020 SUMMER SESSION COURSES
Guidelines for Columbia College Students

General Guidelines

All Columbia College students planning to take Summer Session courses should consult the 2020-2021 Columbia College Bulletin: http://bulletin.columbia.edu/columbia-college/regulations/#studyoutsidecolumbiacollegetext

- There is a 16-point limit for the entire Summer Session, with no more than 8 points in any Summer Session period or in overlapping periods.

- Points for courses taken for R credit may not be used toward the 124 points required for the degree.

- Generally, students may not take Summer Session courses for Pass/D/Fail, except in certain situations, detailed in the 2019-2020 Columbia College Bulletin at the link noted above.

- Not all courses offered in the Summer Session are accepted by Columbia College for credit. The following courses are not approved for Columbia College credit:

  Business (BUSI)
  - PS4850 Oral Communications for Business
  - PS4998 Math Methods for Business
  - PS5001 Introduction to Finance
  - PS5003 Corporate Finance
  - PS5009 Financial Accounting
  - PS5010 Managing Human Behavior in the Organization
  - PS5015 Leading Alignment and Agility
  - PS5020 Introduction to Marketing and Marketing Management
  - PS5025 Marketing Strategy
  - PS5030 Developing and Implementing Ideas: Entrepreneurship
  - PS5040 Security Analysis
  - PS7001 Managing Information and Knowledge

  Chemistry (CHEM)
  - S0001 Preparation for College Chemistry

  Film (FILM)
  - S3210 / S4034 Comedy Writing across Media

  Mathematics (MATH)
  - S0065 Basic Mathematics
  - S1003 College Algebra and Analytic Geometry

  Physics (PHYS)
  - S0065 Basic Physics

  Prelaw (LAW)
  - S3150 Comparative Jurisprudence
  - S3200 Constitutional Crises on Campus: Constitutional Law through the Lens of Higher Education
Bioethics Any Course
Fundraising Management Any Course
Information & Knowledge Strategy Any Course
Landscape Design Any Course
Narrative Medicine Any Course
Negotiation & Conflict Resolution Any Course
Sports Management Any Course
Strategic Communications Any Course
Sustainability Management Any Course

Global Core Requirement

For detailed information on fulfilling the Global Core Requirement, students should refer to the 2019-2020 Columbia College Bulletin: [http://bulletin.columbia.edu/columbia-college/core-curriculum/global-core-requirement/](http://bulletin.columbia.edu/columbia-college/core-curriculum/global-core-requirement/)

The following courses are approved as courses that may be used in partial fulfillment of the **Global Core Requirement**:

**African-American Studies (AFAS)**
UN1001 Introduction to African-American Studies

**Anthropology (ANTH)**
S1008 The Rise of Civilization

**Art History- Asian Humanities (AHUM)**
S2901D Masterpieces of Indian Art and Architecture
S2604D Arts of China, Japan, Korea

**Art History (AHIS)**
S2600 The Arts of China

**Classics (CLCV)**
UN3111 Plato and Confucius: Comparative Ancient Philosophy
UN3059 Worlds of Alexander the Great

**Classics- Modern Greek (GRKM)**
S3935D Hellenism and the Topographical Imagination

**East Asian Languages and Cultures (AHUM)**
S1400D Colloquium on Major Texts: East Asia

**English and Comparative Literature (CLEN)**
S3829 Fantastic Fictions: Translating Asian American Narratives

**Film (FILM)**
S2295D World Cinema: Mexico
S4215    Contemporary Global Documentary

French (CLFR)
GU4020    Contemporary Migrations in the French and North African Context

Middle Eastern Languages and Cultures (CLME)
S4031    Cinema and Society in Asia and Africa

Music (MUSI, AHMM)
UN3320    Music-East Asia-Southeast Asia
S3321D    Musics of India and West Asia
S2020D    Salsa Soca Reggae

Religion (RELI)
UN1612    Religion and the History of Hip-Hop
S2305D    Islam
S2308 (D, Q)    East Asian Buddhism

Science Requirement

For detailed information on fulfilling the Science Requirement, students should refer to the 2020-2021 Columbia College Bulletin: http://bulletin.columbia.edu/columbia-college/core-curriculum/science-requirement/

The following courses are approved for partial fulfillment of the Science Requirement:

Courses designed for non-science majors:

Astronomy (ASTR)
S1403D    Earth, Moon, and Planets

Ecology, Evolution, and Environmental Biology (EEEB)
S1001Q    Biodiversity
S1001D    Biodiversity
S1011Q    Behavioral Biology of the Living Primates
S1115D    The Life Aquatic

Psychology (PSYC)
S1001D    The Science of Psychology
S1001Q    The Science of Psychology

(Course may also be taken to satisfy a requirement for majors in Psychology; Neuroscience and Behavior; and concentrators in Psychology.)

Physics (PHYS)
UN1111D    Origins and Meaning

Additional courses which may have prerequisites:

Biology (BIOS)
GU4310D    Virology

Chemistry (CHEM)
S1403D    General Chemistry, I
S1404Q    General Chemistry, II
S1404X    General Chemistry, II
S1500X    General Chemistry Laboratory
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1500D</td>
<td>General Chemistry Laboratory</td>
</tr>
<tr>
<td>S1500Q</td>
<td>General Chemistry Laboratory</td>
</tr>
</tbody>
</table>

**Computer Science (COMS) (ENGI)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1004D</td>
<td>Introduction to Computer Programming: Java*</td>
</tr>
<tr>
<td>S1004Q</td>
<td>Introduction to Computer Programming: Java*</td>
</tr>
</tbody>
</table>

(* Note: Columbia students may receive credit for only one of the following two courses: COMS W1004 or W1005.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>W1006D</td>
<td>Intro to Comp for Eng/App Sci</td>
</tr>
<tr>
<td>S3134D</td>
<td>Data Structures in Java</td>
</tr>
<tr>
<td>S3134Q</td>
<td>Data Structures in Java</td>
</tr>
<tr>
<td>S3203D</td>
<td>Discrete Mathematics</td>
</tr>
<tr>
<td>W3251Q</td>
<td>Comparative Linear Algebra</td>
</tr>
<tr>
<td>S3261D</td>
<td>Computer Science Theory</td>
</tr>
<tr>
<td>S3261Q</td>
<td>Computer Science Theory</td>
</tr>
<tr>
<td>S4701D</td>
<td>Artificial Intelligence</td>
</tr>
<tr>
<td>S4705D</td>
<td>Natural Language Processing</td>
</tr>
<tr>
<td>S4771D</td>
<td>Machine Learning</td>
</tr>
<tr>
<td>S4771Q</td>
<td>Machine Learning</td>
</tr>
<tr>
<td>S4995D</td>
<td>Topics in Computer Science</td>
</tr>
</tbody>
</table>

**Ecology, Evolution, and Environmental Biology (EEEB)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>S3015D</td>
<td>Animal Behavior Thru Fieldwork</td>
</tr>
</tbody>
</table>

**Mathematics (MATH)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1101D</td>
<td>Calculus, I</td>
</tr>
<tr>
<td>S1101Q</td>
<td>Calculus, I</td>
</tr>
<tr>
<td>S1101X</td>
<td>Calculus, I</td>
</tr>
<tr>
<td>S1102D</td>
<td>Calculus, II</td>
</tr>
<tr>
<td>S1102Q</td>
<td>Calculus, II</td>
</tr>
<tr>
<td>S1201D</td>
<td>Calculus, III</td>
</tr>
<tr>
<td>S1201Q</td>
<td>Calculus, III</td>
</tr>
<tr>
<td>S1202D</td>
<td>Calculus, IV</td>
</tr>
<tr>
<td>S1202Q</td>
<td>Calculus, IV</td>
</tr>
<tr>
<td>S2010D</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>S2010Q</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>S2010X</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>S2500D</td>
<td>Analysis and Optimization</td>
</tr>
<tr>
<td>S3027D</td>
<td>Ordinary Differential Equations</td>
</tr>
<tr>
<td>S3027Q</td>
<td>Ordinary Differential Equations</td>
</tr>
<tr>
<td>S4061D</td>
<td>Introduction to Modern Analysis, I</td>
</tr>
<tr>
<td>S4061X</td>
<td>Introduction to Modern Analysis, I</td>
</tr>
<tr>
<td>S4062Q</td>
<td>Introduction to Modern Analysis, II</td>
</tr>
</tbody>
</table>

**Physics (PHYS)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1201D</td>
<td>General Physics, I</td>
</tr>
<tr>
<td>S1202Q</td>
<td>General Physics, II</td>
</tr>
<tr>
<td>S1202X</td>
<td>General Physics, II</td>
</tr>
</tbody>
</table>

**Psychology (PSYC)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2280D</td>
<td>Introduction to Developmental Psychology*</td>
</tr>
<tr>
<td>S2450Q</td>
<td>Behavioral Neuroscience*</td>
</tr>
</tbody>
</table>

(* Prerequisite: PSYC S/UN1001 or equivalent)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN2470D</td>
<td>Fundamentals of Human Neuropsychology*</td>
</tr>
</tbody>
</table>

(* Prerequisite: PSYC S/UN1001 or equivalent)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2490D</td>
<td>Evolutionary Psychology*</td>
</tr>
</tbody>
</table>

(* Prerequisite: PSYC S/UN1001 or equivalent)
S3280Q   Seminar in Infant Development**
(Students should have taken a course in developmental psychology.)
S4440D   Topics in Neurobiology and Behavior***
(Students must have instructor permission.)

Statistics (STAT)
S1101D   Introduction to Statistics
S1101Q   Introduction to Statistics
S1201D   Introduction to Statistics (with Calculus)
S1201Q   Introduction to Statistics (with Calculus)
S4203D   Probability Theory
S4204D   Statistical Inference
S4206D   Stat Comp & Intro Data Science
S4241D   Statistical Machine Learning

New Courses Approved for Summer 2020

The following is a list of new courses recently approved for Summer 2020; course descriptions may be found on the Summer Session website: http://sps.columbia.edu/summer/courses

African American and African Diaspora Studies (AFAS, AFAM)
UN1001   Introduction to African American Studies
GU4000   Gospel Music in Modern America
GU4468   Post-1945 Jazz

Art History and Archaeology (AHIS)
S2409    Architecture, 1750-1890
S2600    Arts of China
S4654    Painting in the Mid-Twentieth Century, 1929-1980
S4655    Performing the City

Biochemistry (BCHM)
GU4501   Biochemistry I- Structure/Metabolism

Biology (BIOL)
GU4310   Virology

Classics (CLCV)
UN3059   Worlds of Alexander the Great
UN3111   Plato and Confucius: Comparative Ancient Philosophy

Earth and Environmental Sciences (EESC)
S1004    Dinosaurs and the History of Life

Economics (ECON)
S3265    Money and Banking
GU4301   Economic Growth and Development I
GU4321   Economic Development
GU4370   Political Economy

English and Comparative Literature (CLEN)
OC3245   Black Americans and the City of Light
(Note: This course will be taught abroad in Paris, France. This course will not be offered during the Summer 2020 semester).
S3484    Inventions of the Self: Autofiction, Therapy, Neuroplasticity
S3987Q   Narrative Medicine: Forms of Autobiography
S4521    Topics in Comparative Literature: Defining Life

English and Comparative Literature (ENGL)
S3826    Jane Austen and the Poets
S3943    English Translations of the Bible

French (CLFR)
GU4020   Contemporary Migrations in the French and North African Context

French (FREN)
UN3242    French Language, Society, Culture Thru Paris
UN3883    French Civilization through Graphic Novels and Cinema

History (HIST)
UN2478    US Intellectual History 1865- Present
UN2587    Sport and Society in the Americas
UN2952    Pandemics: A Global History Course
UN3335    20th Century New York History
UN3998    Supervised Independent Research

Italian (ITAL)
UN3643    History of Italian Cinema

Music- Asian Humanities(AHMM)
UN2240    Music in East Asia

Music (MUSI)
UN2240    The Song Within Us: Composition, Analysis, Performance

Philosophy (HUMA)
S1200    Philosophical Reflections on Love, Loss, and Human Nature

Philosophy (PHIL)
UN3800    Philosophy, Justice, and Social Activism

Political Science (POLS)
UN3100    Justice
UN3260    Latino Political Experience
UN3671    China’s Foreign Relations
UN3720    Research Design: Scope and Methods
GU4708    Experimental Research: Exploring Political Phenomena
GU4835    Formal and Informal Terrorist Actors

Physics (PHYS)
UN1111    Origins and Meaning

Physics (SCNC)
UN3002    Chernobyl

Psychology (PSYC)
UN2280    Introduction to Developmental Psychology
UN2470    Fundamentals of Human Neuropsychology
S2650    Culture, Society, and the Social Brain
<table>
<thead>
<tr>
<th>Subject</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Religion (RELI)</td>
<td>UN1612</td>
<td>Religion and the History of Hip-Hop</td>
</tr>
<tr>
<td></td>
<td>S2335</td>
<td>Religion in Black America: An Introduction</td>
</tr>
<tr>
<td></td>
<td>S4619</td>
<td>Islam in Popular Culture</td>
</tr>
<tr>
<td>Sociology (SOCI)</td>
<td>UN1050</td>
<td>Understanding Society</td>
</tr>
<tr>
<td>Statistics (STAT)</td>
<td>GU4224</td>
<td>Bayesian Statistics</td>
</tr>
<tr>
<td>Sustainable Development (SDEV)</td>
<td>GU4250</td>
<td>Climate Change: Resilience and Adaptation</td>
</tr>
<tr>
<td>Women’s Studies (WMST)</td>
<td>UN2340</td>
<td>Women, Power, and Popular Music</td>
</tr>
<tr>
<td>Writing (WRIT)</td>
<td>UN3215</td>
<td>Art Writing for Writers</td>
</tr>
</tbody>
</table>