SUMMER SESSION COURSES

Guidelines for Columbia College Students

General Guidelines

All Columbia College students planning to take Summer Session courses should consult the 2018-2019 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 2018-2019 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
  - PS5071 Managing Information and Knowledge
  - PS7001 Special Topics: Business Edge

  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
<table>
<thead>
<tr>
<th>Course</th>
<th>Any Course</th>
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<tbody>
<tr>
<td>Bioethics</td>
<td>Any Course</td>
</tr>
<tr>
<td>Fundraising Management</td>
<td>Any Course</td>
</tr>
<tr>
<td>Information &amp; Knowledge Strategy</td>
<td>Any Course</td>
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<tr>
<td>Landscape Design</td>
<td>Any Course</td>
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<tr>
<td>Narrative Medicine</td>
<td>Any Course</td>
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<tr>
<td>Negotiation &amp; Conflict Resolution</td>
<td>Any Course</td>
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<tr>
<td>Sports Management</td>
<td>Any Course</td>
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<tr>
<td>Strategic Communications</td>
<td>Any Course</td>
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<tr>
<td>Sustainability Management</td>
<td>Any Course</td>
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</tbody>
</table>

**Global Core Requirement**

For detailed information on fulfilling the Global Core Requirement, students should refer to the *2018-2019 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**:

- **Art History and Archaeology (AHIS)**
  - OC4652 Posing Modernity: The Black Model from Manet and Matisse to the Harlem Renaissance and Today  
  *(Note: This course is taught abroad in Paris, France)*

- **Art History-Asian Humanities (AHUM)**
  - S2901D Masterpieces of Indian Art and Architecture

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

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

- **Film (FILM)**
  - S4215D Contemporary Global Documentary  
    - OC4225 Arab and African Filmmaking  
    *(Note: This course is taught abroad in Paris.)*

- **French**
  - OC3817 Black Paris  
  *(Note: This course is taught abroad in Paris)*

- **History (HIST)**
  - S2803Q The Worlds of Mughal India

- **Middle Eastern and North African Studies (MENA)**
  - OC4101 Culture/History Seminar of the MENA Summer Program in Amman & Tunis: Tunis and Amman in Regional and Historical Perspective  
  *(Note: This course is taught abroad in Amman and Tunis.)*
Music (AHMM)
S3321Q Musics of India and West Asia

Religion (RELI)
S2305D Islam

Religion (RELI)
S2308D Buddhism: East Asian
S2308Q Buddhism: East Asian

Religion (RELI)
S4322D Exploring Sharia: Islamic Law

Science Requirement

For detailed information on fulfilling the Science Requirement, students should refer to the 2018-2019 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)
S1001D Biodiversity
S1011C Behavioral Biology of the Living Primates
S1115Q The Life Aquatic

Philosophy (PHIL)
S3411Q Introduction to Symbolic Logic

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.)
S2450Q Behavioral Neuroscience

Additional courses which may have prerequisites:

Biology (BIOS)
S2501C Contemporary Biology Laboratory

Chemistry (CHEM)
S1403D General Chemistry, I
S1404Q General Chemistry, II
S1404X General Chemistry, II
S1500D General Chemistry Laboratory
S1500Q General Chemistry Laboratory
S1500X General Chemistry Laboratory
Computer Science (COMS) (ENGI)

S1004D  Introduction to Computer Programming: Java*
(* Note: Columbia students may receive credit for only one of the following two courses: COMS W1004 or W1005.)

S1006D  Introduction to Computing for Engineers and Applied Scientists
S3134Q  Data Structures in Java
S3203D  Discrete Mathematics
S3261D  Computer Science Theory
S3261Q  Computer Science Theory
S4701D  Artificial Intelligence
S4705D  Natural Language Processing
S4771D  Machine Learning
S4995D  Topics in Computer Science
S4995Q  Topics in Computer Science

Ecology, Evolution, and Environmental Biology (EEEB)

S3015Q  Animal Behavior Thru Fieldwork

Mathematics (MATH)

S1101D  Calculus, I
S1101Q  Calculus, I
S1101X  Calculus, I
S1102D  Calculus, II
S1102Q  Calculus, II
S1201D  Calculus, III
S1201Q  Calculus, III
S1202D  Calculus, IV
S1202Q  Calculus, IV
S2010D  Linear Algebra
S2010Q  Linear Algebra
S2010X  Linear Algebra
S2500D  Analysis and Optimization
S3027D  Ordinary Differential Equations
S3027Q  Ordinary Differential Equations
S4061D  Introduction to Modern Analysis, I
S4061X  Introduction to Modern Analysis, I
S4062Q  Introduction to Modern Analysis, II

Physics (PHYS)

S1201D  General Physics, I
S1202Q  General Physics, II
S1202X  General Physics, II

Psychology (PSYC)

S2280D  Introduction to Developmental Psychology*
S2490D  Evolutionary Psychology*
(* 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)
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>S1201Q</td>
<td>Introduction to Statistics (with Calculus)</td>
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<tr>
<td>S4001D</td>
<td>Introduction to Probability and Inference</td>
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<tr>
<td>S4199D</td>
<td>Statistical Computing in SAS</td>
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<td>S4203D</td>
<td>Probability Theory</td>
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<td>S4204Q</td>
<td>Statistical Inference</td>
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<td>S4221D</td>
<td>Time Series Analysis</td>
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<td>S4241D</td>
<td>Statistical Machine Learning</td>
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<tr>
<td>S4261D</td>
<td>Statistical Methods for Finance</td>
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**New Courses Approved for Summer 2019**

The following is a list of new courses recently approved for Summer 2019; course descriptions may be found on the Summer Session website: [http://sps.columbia.edu/summer/courses](http://sps.columbia.edu/summer/courses)

*Anthropology (ANTH)*
- S3724Q Human Planet: The Anthropology of Climate Change

*Art History and Archaeology (AHIS)*
- OC4651 Paris: Capital of Modernity
- OC4652 Posing Modernity: The Black Model from Manet and Matisse to the Harlem Renaissance and Today

*(Note: These courses are taught abroad in Paris, France)*
- S2445Q What is Performance Art?

*Art History- Asian Humanities (AHUM)*
- S2901D Masterpieces of Indian Art and Architecture

*English and Comparative Literature (ENGL)*
- S3267D The American Sublime from Emerson to Dylan
- S3690Q The Poetics of the Warrior
- S3829D YA Fiction
- S3851D Paradise Lost, Frankenstein, and Paradise
- S3910D Grief and the Literature of Empire
- S3940D Contempoary Fiction and the Critical Act

*Film (FILM)*
- OC4225 Arab and African Filmmaking

*(Note: This course is taught abroad in Paris)*
- S4215D Contemporary Global Documentary

*French (FREN)*
- OC3825 Vie et Societe dans le theatre francais

*(Note: This course is taught abroad in Paris)*

*History (HIST)*
- S3237D Questioning Modernity in South Asia and the Middle East

*Human Rights (HRTS)*
- S4250Q US Immigration: Rights, Framing, and Advocacy
- S4330Q Human Rights in Practice

*Italian (ITAL)*
- OC3330 Awakening the Senses in an Italian City

*(Note: This course is taught abroad in Venice, Italy)*
### Journalism (JOUR)
- **S3015D** Introduction to Audio Journalism
- **S3019D** War Reporting: The Coverage of Armed Conflicts

### Middle Eastern, South Asian, and African Studies (MDES)
- **S2701G** Intermediate Persian I
- **S2702J** Intermediate Persian II

### Middle Eastern and North African Studies (MENA)
- **OC4101** Culture/History Seminar of the MENA Summer Program in Amman & Tunis: Tunis and Amman in Regional and Historical Perspective

(Nota: This course is taught abroad in Amman and Tunis.)

### Religion (RELI)
- **S4325D** Sufism