2019 Summer Session Course Guidelines

General Guidelines

All General Studies students planning to take Summer Session courses should consult the GS Bulletin: http://gs.columbia.edu/summer-courses.

- There is a 15-point limit for the entire Summer Session, with no more than 9 points in any Summer Session period or in overlapping periods.
- Not all courses offered in the Summer Session are accepted by the CC-GS Committee on Instruction for credit towards the undergraduate degree program. The following courses are not approved for GS students:

**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
- PS5025 Marketing Strategy
- PS5030 Developing and Implementing Ideas: Entrepreneurship
- PS5040 Security Analysis
- PS5301 Managing Information and Knowledge
- PS7001 Special Topics: Business Edge

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

**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 GS Bulletin: http://gs.columbia.edu/the-core-global-core.

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 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 (FREN)**
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.)

**MUSI (AHMM)**
S3321Q Musics of India and West Asia

**Religion (RELI)**
S2305D Islam
S2308D Buddhism: East Asian
S2308Q Buddhism: East Asian
S4322D Exploring Sharia: Islamic Law

Science Requirement

For detailed information on fulfilling the Science requirement, students should refer to the GS Bulletin: http://gs.columbia.edu/the-core-science.

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 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
*(Note: Course may also be taken to satisfy a requirement for majors in psychology or neuroscience and behavior, and concentrators in psychology.)*
S2450Q   Behavioral Neuroscience

**Additional Courses (Prerequisites May Apply)**

**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 *
*(Columbia students may receive credit for only one of the following two courses: COMS S1004 or S1005.)*
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
Academic Affairs, General Studies

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)
S1201Q    Introduction to Statistics (with Calculus)
S4001D    Introduction to Probability and Inference
S4199D    Statistical Computing in SAS
S4203D    Probability Theory
S4204Q    Statistical Inference
S4221D    Time Series Analysis
S4241D    Statistical Machine Learning
S4261D    Statistical Methods for Finance

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 Columbia Summer website: 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
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>S3267D</td>
<td>The American Sublime from Emerson to Dylan</td>
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<tr>
<td>S3690Q</td>
<td>The Poetics of the Warrior</td>
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<tr>
<td>S3829D</td>
<td>YA Fiction</td>
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<td>S3851D</td>
<td>Paradise Lost, Frankenstein, and Paradise</td>
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<td>S3910D</td>
<td>Grief and the Literature of Empire</td>
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<td>S3940D</td>
<td>Contemporary Fiction and the Critical Act</td>
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**Film (FILM)**

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<tr>
<td>OC4225</td>
<td>Arab and African Filmmaking</td>
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(Note: This course is taught abroad in Paris)

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<tr>
<td>S4215D</td>
<td>Contemporary Global Documentary</td>
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**French (FREN)**

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<tr>
<td>OC3825</td>
<td>Vie et Societe dans le theatre francais</td>
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(Note: This course is taught abroad in Paris)

**History (HIST)**

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<tbody>
<tr>
<td>S3237D</td>
<td>Questioning Modernity in South Asia and the Middle East</td>
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**Human Rights (HRTS)**

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<tr>
<td>S4250Q</td>
<td>US Immigration: Rights, Framing, and Advocacy</td>
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<tr>
<td>S4330Q</td>
<td>Human Rights in Practice</td>
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**Italian (ITAL)**

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<tr>
<td>OC3330</td>
<td>Awakening the Senses in an Italian City</td>
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(Note: This course is taught abroad in Venice, Italy)

**Journalism (JOUR)**

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<tr>
<td>S3015D</td>
<td>Introduction to Audio Journalism</td>
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<tr>
<td>S3019D</td>
<td>War Reporting: The Coverage of Armed Conflicts</td>
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**Middle Eastern, South Asian, and African Studies (MDES)**

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<tr>
<td>S2701G</td>
<td>Intermediate Persian I</td>
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<tr>
<td>S2702J</td>
<td>Intermediate Persian II</td>
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**Middle Eastern and North African Studies (MENA)**

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<td>Culture/History Seminar of the MENA Summer Program in Amman &amp; Tunis: Tunis and Amman in Regional and Historical Perspective</td>
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(Note: This course is taught abroad in Amman and Tunis.)

**Religion (RELI)**

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<tr>
<td>S4325D</td>
<td>Sufism</td>
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(Note: This course is taught abroad in Amman and Tunis.)