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:

**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

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

**History (HIST)**
- S3803Q  The Worlds of Mughal India

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

**MUSI (MUSI)**
- S2020D  Salsa, Soca, and Reggae

**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
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?

English and Comparative Literature (ENGL)
S3690Q   The Poetics of the Warrior
S3829D   YA Fiction
S3851D   Paradise Lost, Frankenstein, and Paradise
S3910D   Grief and the Literature of Empire
S3940D   Contemporary 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

Religion (RELI)
S4325D Sufism