2017 Summer Session Course Guidelines

General Guidelines

All General Studies students planning to take Summer Session courses should consult the GS Bulletin:

- 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)
K3998 Math Methods for Business
K4001 Introduction to Finance
K4003 Corporate Finance
K4009 Financial Accounting
K4010 Managing Human Behavior in the Organization
K4015 Leading Alignment and Agility
K4020 Introduction to Marketing
K4025 Marketing Strategy
K4030 Developing and Implementing Ideas: Entrepreneurship
K4040 Security Analysis
K4301 Management and Leadership in the Knowledge Domain
K4850 Oral Communications for Business
K7001 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 (AHUM)**
  - S2604 Arts of China, Japan, and Korea

- **Center for Study of Ethnicity and Race (CSER)**
  - OC3928 Colonization/Decolonization
  
  *(Note: This course is taught abroad in Mexico City).*

- **Comparative Literature-English (CLEN)**
  - S3851 Human Rights in World Literature and Visual Culture

- **Comparative Literature-Modern Greek (CLGM)**
  - S3920 The World Responds to the Greeks

- **East Asian Languages and Cultures (AHUM)**
  - S1400 Colloquium on Major Texts: East Asia

- **Film (FILM)**
  - S2295 World Cinema: Mexico

- **French and Romance Philology (FREN; MENA)**
  - OC3817 Black Paris
  - OC4100 Migration, Displacement and Diaspora in the French and North African Context
  
  *(Note: These courses are taught abroad in Paris).*

- **History (HIST)**
  - S3803 The Worlds of Mughal India
  - S4779 Africa and France

- **Latin American and Caribbean Studies (LCRS)**
  - OC3501 Latin American Cities
  
  *(Note: This course is taught abroad in various South American cities, and is part of the Global Scholars Program).*

- **Religion (RELI)**
  - S2305 Islam
  - S2308 Buddhism: East Asian
  - S2335 Religion in Black America: An Introduction

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)**
  - S1403 Earth, Moon, and Planets

- **Earth and Environmental Sciences (EESC)**
  - S1011 Introduction to Earth Sciences I – Lecture and Lab
S1411 Introduction to Earth Sciences I – Lecture (only)

Ecology, Evolution, and Environmental Biology (EEEB)
S1001 Biodiversity
S1011 Behavioral Biology of Living Primates
S1115 The Life Aquatic

Philosophy (PHIL)
S3411 Introduction to Symbolic Logic

Psychology (PSYC)
S1001 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.)
S2280 Introduction to Developmental Psychology
S2450 Behavioral Neuroscience

Additional Courses (Prerequisites May Apply)

Biology (BIOS)
S2501 Contemporary Biology Laboratory

Chemistry (CHEM)
S1403 General Chemistry, I
S1404 General Chemistry, II
S1500 General Chemistry Laboratory

Computer Science (COMS)
S1004 Introduction to Computer Programming: Java *
S1005 Introduction to Computer Programming: MATLAB *
(* Columbia students may receive credit for only one of the following two courses: COMS S1004 or S1005.)
S3134 Data Structures in Java
S3203 Discrete Mathematics
S3261 Computer Science Theory
S3827 Fundamentals of Computer Systems
S4111 Introduction to Databases
S4156 Advanced Software Engineering
S4236 Introduction- Computational Complexity
S4701 Artificial Intelligence
S4733 Computational Aspects of Robotics
S4771 Machine Learning

Mathematics (MATH)
S1101 Calculus, I
S1102 Calculus, II
S1201 Calculus, III
S1202 Calculus, IV
S2010 Linear Algebra
S2500 Analysis and Optimization
S3027 Ordinary Differential Equations
S4061 Introduction to Modern Analysis, I
S4062 Introduction to Modern Analysis, II

Physics (PHYS)
S1201 General Physics, I
S1202 General Physics, II

Psychology (PSYC)
S3280 Seminar in Infant Development**

(** Permission of the instructor is required for PSYC S3280. Students should have taken a course in developmental psychology. If the instructor determines that there is room in the course and admits the student to it, then department approval of the course for the science requirement will automatically follow.)

Statistics (STAT)
S1101 Introduction to Statistics
S1201 Introduction to Statistics (with Calculus)
S4199 Statistical Computing in SAS
S4203 Probability Theory
S4204 Statistical Inference
S4206 Stat. Comp. and Intro Data Science
S4241 Statistical Machine Learning
S4261 Statistical Methods for Finance

New Courses Approved for Summer 2017

The following is a list of new courses recently approved for Summer 2017. Course descriptions may be found on the Columbia Summer website: http://sps.columbia.edu/summer/courses.

Art History and Archaeology (AHIS)
OC3310 Portraiture in Renaissance Venice
(Note: This course is taught abroad in Venice.)
S3204 Medieval Art and the City
S3219 Os and 1s: Digital and Computational Approaches to the Study of Medieval Art and Architecture
S3430 From John Singleton Copley to Kehinde Wiley: The Construction of National Identity in American Portraiture
S3601 "Outliers: How the Frontier Shaped Early Chinese Art and Culture

Center for the Study of Ethnicity and Race (CSER)
OC3928 Colonization/Decolonization
(Note: This course is taught abroad in Mexico City).

Center for the Study of Human Rights (HRTS)
S4270 Social Media and Human Rights: Actors, Advocacy, and Analytics

Economics (ECON)
S4465 Public Economics
S4625 Economics of the Environment

English and Comparative Literature (ENGL)
S3261 Chaucer's Sondry Folk: The Canterbury Tales
S3483 Relationality in Contemporary American Prose Narratives
S3714 Hawthorne, James, Cather: The Arts of Fiction
S3848 Modernism

Film (FILM)
S2295 World Cinema: Mexico
S3833 Lab Producing in Low Budget Film
S4138 Auteur Study: Steven Speilberg

French and Romance Philology (FREN)
OC2223 Intermediate French Culture and Conversation: Mapping Hidden Paris through Urban Diversity
(Note: This course is taught abroad in Paris.)
OC3827 Mosaic Paris: Community and Diversity in a “Global City” (19th – 21st Centuries)
(Note: This course is taught abroad in Paris.)
History (HIST)
S3684 Cruces: Practices and Representations

Latin American and Caribbean Studies (LCRS)
OC3501 Latin American Cities: Rio de Janeiro, Sao Paulo, Montevideo, Buenos Aires, and Havana
(Note: This course is taught abroad in South America and is only open to students who have taken LCRS UN3500 and have been accepted to the Global Scholars Program: Latin American Cities.)

Modern Greek (Classics/Hellenic Studies) (GRKM)
OC3930 A History of the Greek Present
(Note: This course is taught abroad in Athens, Greece).

Political Science (POLS)
S3625 Rising Great Powers
S3680 Topics in International Security
S3961 Seminar in International Politics: Contemporary Diplomacy

Psychology (PSYC)
S2650 Introduction to Cultural Psychology
S3610 Psychology of Stereotyping and Prejudice

Religion (RELI)
S2305 Islam
S2308 East Asian Buddhism

Statistics (STAT)
S4206 Statistical Computing and Introduction to Data Analysis
S4241 Statistical Machine Learning
S4261 Statistical Methods for Finance

Writing (WRIT)
S4111 Coming of Age in Latin American Literature and Film
S4314 Direct Encounters: The Japanese Poetic Tradition
S4411 Creative (Mis) Translation