2023 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
Postbac Premed Students and GS undergraduate students fulfilling premedical requirements may take the following six-week (offered in either session A or B) science courses to fulfill the physics, general chemistry, and organic chemistry requirements of their programs. **However, students must consult with their adviser before registering for these courses.**

**Chemistry (CHEM)**
- S1403(A)  
  General Chemistry I
- S1404(B)  
  General Chemistry II

**Organic Chemistry (CHEM)**
- S2443(A)  
  Organic Chemistry I
- S2444(B)  
  Organic Chemistry II

**Physics (PHYS)**
- S1201(A)  
  General Physics I
- S1202(B)  
  General Physics II

**Global Core Requirement**

For detailed information on fulfilling the Global Core requirement, students should refer to the GS Bulletin: [http://bulletin.columbia.edu/general-studies/the-core/global-core/](http://bulletin.columbia.edu/general-studies/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- Asian Humanities (AHUM)**
- S2901  
  Masterpieces of Indian Art and Architecture

**Classics (CLCV)**
- UN3058  
  Worlds of Alexander the Great

**Film (FILM)**
- S2295  
  World Cinema: Mexico
- S4215  
  Contemporary Global Documentary
- GU4325  
  Waves on Different Shores: France, Japan, and Brazil  
  *(This course will be offered at Reid Hall, Paris).*

**French (MENA, FREN)**
- OC4100  
  Migration, Displacement, and Diaspora in the  
  French and North African Context  
  *(This course will be offered at Reid Hall, Paris).*
- UN3822  
  Blackness in French: From Harlem to Paris and Beyond

**History (HIST)**
- S3596  
  History of Latinos/as in the U.S.
- UN3779  
  Africa and France

**Middle Eastern, South Asian, and African Studies- Asian Humanities (MDES)**
- UN1001  
  Critical Theory: A Global Perspective

**Music (AHMM)**
- AHMM UN3320  
  Music in East Asia
- AHMM S3321  
  Introduction to the Musics of India and West Asia
Religion (RELI)
S2305 Islam

Science Requirement

For detailed information on fulfilling the Science requirement, students should refer to the GS Bulletin: http://bulletin.columbia.edu/general-studies/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 (Lecture)

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

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

Mathematics (MATH, PHIL)
UN1003 College Algebra and Analytic Geometry
S3411 Introduction to Symbolic Logic

Psychology (PSYC)
S1001 The Science of Psychology

Statistics (STAT)
UN1001 Introduction to Statistical Reasoning

Additional Courses (Prerequisites May Apply)

Biology (BIOL)
S2501 Contemporary Biology Lab

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

Computer Science (COMS) (ENGI)
W1004 Introduction to Computer Programming Java*
(*Note: Columbia students may receive credit for only one of the following two courses: COMS W1004 or W1005.)
W3134 Data Structures in Java
W3157 Advanced Programming
W3203 Discrete Mathematics
W3251 Comparative Linear Algebra
W3261 Computer Science Theory
W4705 Natural Language Processing
W4771  Machine Learning
W4995  Topics in Computer Science
ENGI E1006  Intro to Comp for Eng/App. Sci.

Ecology, Evolution, and Environmental Biology (EEEB)
GU4340  Human Adaptation

Mathematics (MATH)
S1101  Calculus, I
S1102  Calculus, II
S1201  Calculus, III
S1202  Calculus, IV
S2010  Linear Algebra
UN2030  Ordinary Differential Equations
S2500  Analysis and Optimization
S4061  Intro to Modern Analysis I
S4042  Intro to Modern Analysis II

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

Psychology (PSYC)
S2210  Cognition: Basic Processes*  
(* Prerequisite: PSYC S/UN1001 or equivalent)
S2490  Behavioral Neuroscience*  
(* Prerequisite: PSYC S/UN1001 or equivalent)
S2450  Evolutionary Psychology*  
(* Prerequisite: PSYC S/UN1001 or equivalent)
GU4289  The Games People Play: Psychology of Strategic Decisions**  
(** Students must have instructor permission.)
S4440  Topics in Neurobiology and Behavior**  
(** Students must have instructor permission.)

Statistics (STAT)
S1101  Introduction to Statistics
S1201  Introduction to Statistics (with Calculus)
S4001  Introduction to Probability and Inference
S4203  Probability Theory
S4204  Statistical Inference
S4205  Linear Regression Models
S4206  Statistical Comp. and Intro. to Data Science
S4221  Time Series Analysis
S4241  Statistical Machine Learning

New Courses Approved for Summer 2023

The following is a list of new courses recently approved for Summer 2023. Course descriptions may be found on the Columbia Summer website: [http://sps.columbia.edu/summer/courses](http://sps.columbia.edu/summer/courses).
Anthropology (ANTH)
GU4004    African- American New York: Histories and Archaeologies
GU4181    Qualitative Methods of Anthropology

Economics (ECON)
S2102    The American Economy

English and Comparative Literature (ENGL)
UN3048    British Literature to 1500
UN3601    The Business Story and the Occupational Novel
UN3673    Introduction to Language/ Computation
UN3638    Contemporary American Short Stories
S3803    19th Century Comparative Novel: Thackeray, Flaubert, Tolstoy, and Hardy
UN3804    British Women Writers: The Woman Question
UN3808    The Novel and Economic Justice

History (HIST)
S2461    American Slavery, 1619- 1877
UN3868    The Politics of Ethnicity and Religion in Modern China

Latin American and Iberian Cultures (SPAN)
UN2108    Spanish for Heritage Speakers

Mathematics (MATH)
S3028    Partial Differential Equations

Political Science (POLS)
UN3108    Democracy: Theory and Practice

Psychology (PSYC)
S3496    Neuroscience and Society

Slavic Languages (CLSL)
GU4013    Jewish Worlds in Eastern Europe: A Journey