# 2022 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](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:

<table>
<thead>
<tr>
<th>Business (BUSI)</th>
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<tbody>
<tr>
<td>PS4850 Oral Communications for Business</td>
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<tr>
<td>PS4998 Math Methods for Business</td>
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<tr>
<td>PS5001 Introduction to Finance</td>
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<td>PS5003 Corporate Finance</td>
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<td>PS5009 Financial Accounting</td>
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<td>PS5010 Managing Human Behavior in the Organization</td>
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<td>PS5015 Leading Alignment and Agility</td>
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<td>PS5020 Introduction to Marketing</td>
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<td>PS5025 Marketing Strategy</td>
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<td>PS5030 Developing and Implementing Ideas: Entrepreneurship</td>
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<td>PS5040 Security Analysis</td>
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<td>PS5301 Managing Information and Knowledge</td>
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<td>PS7001 Special Topics: Business Edge</td>
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<th>Film Studies (FILM)</th>
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<tr>
<td>S3210 / S4034 Comedy Writing across Media</td>
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<th>Prelaw (LAW)</th>
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<tr>
<td>S3150 Comparative Jurisprudence</td>
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<tr>
<td>S3200 Constitutional Crises on Campus: Constitutional Law through the Lens of Higher Education</td>
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<th>Bioethics</th>
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<td>Any Course</td>
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<th>Fundraising Management</th>
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<td>Any Course</td>
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<th>Information &amp; Knowledge Strategy</th>
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<th>Landscape Design</th>
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<th>Narrative Medicine</th>
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<th>Negotiation &amp; Conflict Resolution</th>
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<th>Sports Management</th>
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<tr>
<th>Strategic Communications</th>
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<th>Sustainability Management</th>
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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)**
- S2604 Arts of China, Japan, and Korea
- S2901 Masterpieces of Indian Art and Architecture

**Classics (CLCV)**
- UN3059 Worlds of Alexander the Great

**Film (FILM)**
- S2295 World Cinema: Mexico
- S4215 Contemporary Global Documentary

**French (FREN)**
- UN3822 Blackness in French: From Harlem to Paris and Beyond

**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)**
- UN1612 Religion and the History of Hip Hop
- 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
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
S1021   The Science of Psychology: Explorations and Applications
(Course may also be taken to satisfy a requirement for majors in Psychology; Neuroscience and Behavior; and concentrators in Psychology.)

Statistics (STAT)
UN1001 Introduction to Statistical Reasoning

Additional Courses (Prerequisites May Apply)

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
W3203 Discrete Mathematics
W3251 Comparative Linear Algebra
W3261 Computer Science Theory
W4701 Artificial Intelligence
W4705 Natural Language Processing
W4771 Machine Learning
W4995 Topics in Computer Science

Ecology, Evolution, and Environmental Biology (EEEB)
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)
UN2450  Behavioral Neuroscience
S2490  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.)
GU4996  Behavioral Neurimmunology**
(** Students must have instructor permission.)

Statistics (STAT)
S1101  Introduction to Statistics
S1201  Introduction to Statistics (with Calculus)
UN3107  Undergraduate Mentored Research
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
GU4224  Bayesian Statistics
S4241  Statistical Machine Learning
S4261  Statistical Methods for Finance

New Courses Approved for Summer 2022

The following is a list of new courses recently approved for Summer 2022. Course descriptions may be found on the Columbia Summer website: http://sps.columbia.edu/summer/courses.

Anthropology (ANTH)
UN3751  Personhood

Academic Affairs, General Studies  3/4/2022, v.01, Page 4
Art History and Archaeology (AHIS)
OC4504   How to Wade Through Water?
          The Lagoon as an Expanded Classroom
(Note: This course is taught abroad in Venice, Italy).

Biology (BIOL)
UN1004   Foundations of Biology

Ecology, Evolution, and Environmental Biology
GU4340   Human Adaptation

English and Comparative Literature (CLEN)
S3469    Early American Literature: 1492-1852

English and Comparative Literature (ENGL)
S3353    American Memory
S3376    Revolutions in Text and Technology
S3693    Sally Rooney- Authorship in the 21st Century
S3743    Harlem Crossroads: Transnationalism and Performances of Race
S3671    Romantic Era
S3782    Literary Nonfiction

French (FRRP)
UN3945   Postwar French Cinema and Bad Taste

French (Reid Hall- Off campus)
OC3524   Contemporary French Literature in a Global Context

History (HIST)
UN2176   Revolution and Empire: Haiti and France, 1789-1820
UN2497   Colonial America, Imperial America: 1776-1920
GU4525   Immigrant New York

Mathematics (MATH)
UN2015   Linear Algebra and Probability
UN2030   Ordinary Differential Equations

Political Science (POLS)
S3228    American Constitutional Law
S3232    American Urban Politics
S3628    Advances in International Political Economy

Psychology (PSYC)
S2210    Cognition: Basic Processes
S3226    Global Scholars Program in Paris: Hands-on Consciousness
UN3622   Topics in Clinical Psychology