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/.

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

Anthropology (ANTH)
UN3495 Women, Gender, Politics- Muslim World

Classics (CLCV)
UN3058 Worlds of Alexander the Great

Film (FILM)
S4215 Contemporary Global Documentary
GU4330 Cinema of the Arab World
(This course will be offered at Reid Hall, Paris).

French (MENA)
OC4100 Migration, Displacement, and Diaspora in the French and North African Context
(This course will be offered at Reid Hall, Paris).

History (HIST)
UN3136 France and the African Diaspora
(This course will be offered at Reid Hall, Paris).
S3596 History of Latinos/as in the U.S.
UN3779 Africa and France

Middle Eastern, South Asian, and African Studies- Asian Humanities (MDES, AHUM)
UN1001 Critical Theory: A Global Perspective
UN1399 Colloquium on Major Texts
Music (AHMM)
UN3520        Music in East Asia
S3321        Introduction to the Musics of India and West Asia

Religion (RELI)
S2305        Islam

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

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
S3015        Animal Behavior Through Fieldwork
GU4340        Human Adaptation

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*

Academic Affairs, General Studies
(*Note: Columbia students may receive credit for only one of the following two courses: COMS W1004 or W1005.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>W3134</td>
<td>Data Structures in Java</td>
</tr>
<tr>
<td>W3157</td>
<td>Advanced Programming</td>
</tr>
<tr>
<td>W3203</td>
<td>Discrete Mathematics</td>
</tr>
<tr>
<td>W3251</td>
<td>Comparative Linear Algebra</td>
</tr>
<tr>
<td>W4701</td>
<td>Artificial Intelligence</td>
</tr>
<tr>
<td>W4705</td>
<td>Natural Language Processing</td>
</tr>
<tr>
<td>W4771</td>
<td>Machine Learning</td>
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<tr>
<td>W4995</td>
<td>Topics in Computer Science</td>
</tr>
<tr>
<td>ENGI E1006</td>
<td>Intro to Comp for Eng/App. Sci.</td>
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</tbody>
</table>

**Ecology, Evolution, and Environmental Biology (EEEB)**

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<tbody>
<tr>
<td>S3015</td>
<td>Animal Behavior Through Fieldwork</td>
</tr>
<tr>
<td>GU4340</td>
<td>Human Adaptation</td>
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**Mathematics (MATH)**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>S1101</td>
<td>Calculus, I</td>
</tr>
<tr>
<td>S1102</td>
<td>Calculus, II</td>
</tr>
<tr>
<td>S1201</td>
<td>Calculus, III</td>
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<tr>
<td>S1202</td>
<td>Calculus, IV</td>
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<tr>
<td>S2010</td>
<td>Linear Algebra</td>
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<tr>
<td>UN2015</td>
<td>Linear Algebra and Probability</td>
</tr>
<tr>
<td>UN2030</td>
<td>Ordinary Differential Equations</td>
</tr>
<tr>
<td>S2500</td>
<td>Analysis and Optimization</td>
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<tr>
<td>S4061</td>
<td>Intro to Modern Analysis I</td>
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**Physics (PHYS)**

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>S1201</td>
<td>General Physics I</td>
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<tr>
<td>S1202</td>
<td>General Physics II</td>
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</table>

**Psychology (PSYC)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>S2210</td>
<td>Cognition: Basic Processes*</td>
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<td>(* Prerequisite: PSYC.S/UN1001 or equivalent)</td>
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<tr>
<td>S2450</td>
<td>Behavioral Neuroscience*</td>
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<td>(* Prerequisite: PSYC.S/UN1001 or equivalent)</td>
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<tr>
<td>S2490</td>
<td>Evolutionary Psychology*</td>
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<td></td>
<td>(* Prerequisite: PSYC.S/UN1001 or equivalent)</td>
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<tr>
<td>UN3471</td>
<td>Psychedelic Medicine**</td>
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<td>(**Students must have instructor permission)</td>
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<tr>
<td>UN3494</td>
<td>Gene-Environment Interaction**</td>
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<td>(**Students must have instructor permission)</td>
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<tr>
<td>GU4237</td>
<td>Machine Intelligence**</td>
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<td>(**Students must have instructor permission)</td>
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<tr>
<td>GU4289</td>
<td>The Games People Play: Psychology of Strategic Decisions**</td>
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**Statistics (STAT)**

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<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>S1101</td>
<td>Introduction to Statistics</td>
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<tr>
<td>S1201</td>
<td>Introduction to Statistics (with Calculus)</td>
</tr>
<tr>
<td>S4001</td>
<td>Introduction to Probability and Inference</td>
</tr>
</tbody>
</table>
### S4203  Probability Theory
### S4204  Statistical Inference
### S4206  Statistical Comp. and Intro. to Data Science
### S4221  Time Series Analysis
### S4241  Statistical Machine Learning

## New Courses Approved for Summer 2024

The following is a list of new courses recently approved for Summer 2024. Course descriptions may be found on the Columbia Summer website: [http://sps.columbia.edu/summer/courses](http://sps.columbia.edu/summer/courses).

### Art History (AHIS)
- **S3427**  Making Medieval New York
- **OC4032**  Visual Storytelling in Renaissance Venice

### Biology (BIOL)
- **S1201**  Engineered Mouse Models and Identifying Phenotypes in Vivo

### English and Comparative Literature (ENGL)
- **UN3399**  Home to Harlem: Literature and Culture of the Harlem Renaissance
- **UN3395**  The Athlete in American Imagination

### Film (FILM)
- **S4040**  History of American Independent Film
- **S4042**  Tech Arts: Post Production with Resolve
- **S4043**  Tech Arts I: Post Production with Avid Music Composer

### History (HIST)
- **S3136**  France and the African Diaspora  *(This course will be offered in Reid Hall, Paris.)*
- **UN3994**  The Olympics and Politics of International Sport

### Human Rights (HRTS)
- **GU4010**  Indigenous Rights and Settler Colonialism in North America
- **GU4015**  The UN Human Rights System in the Making

### Mathematics (MATH)
- **GU4041**  Introduction to Modern Algebra I

### Political Science (POLS)
- **UN3116**  Borders and Immigration
- **UN3210**  Judicial Politics
- **UN3919**  Seminar in Political Theory: Environmental Justice and Climate
Psychology (PSYC)
S3471  
S3343  

Psychedelic Medicine
Summer Practicum in Neuroscience: Next Generation Scholars of Consciousness

Visual Arts (VIAR)
UN1702  

Introduction to Digital Photography