2020 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 not take the following six-week (offered in either session D or Q) science courses to fulfill the physics, general chemistry, and organic chemistry requirements of their programs.

### Chemistry (CHEM)
- S1403(D): General Chemistry I
- S1404Q: General Chemistry II

### Organic Chemistry (CHEM)
- S2443(D): Organic Chemistry I
- S2444Q: Organic Chemistry II

### Physics (PHYS)
- S1201(D): General Physics I
- S1202Q: General Physics II

### 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](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:

#### African-American Studies (AFAS)
- UN1001: Introduction to African-American Studies

#### Anthropology (ANTH)
- S1008: The Rise of Civilization

#### Art History- Asian Humanities (AHUM)
- S2901D: Masterpieces of Indian Art and Architecture
- S2604D: Arts of China, Japan, and Korea

#### Art History (AHIS)
- S2600: The Arts of China

#### Classics (CLCV)
- UN3111: Plato and Confucius: Comparative Ancient Philosophy
- UN3059: Worlds of Alexander the Great

#### Classics- Modern Greek (GRKM)
- S3935D: Hellenism and Topographical Imagination

#### English and Comparative Literature (CLEN)
- S3829: Fantastic Fictions: Translating Asian American Narratives

#### East Asian Languages and Cultures (AHUM)
- S1400D: Colloquium on Major Texts: East Asia

#### Film (FILM)
- S2295D: World Cinema: Mexico
- S4215: Contemporary Global Documentary

#### French (CLFR)
- GU4020: Contemporary Migrations in the French and North African Context
Middle Eastern Languages and Cultures (CLME)
S4031 Cinema and Society in Asia and Africa

MUSI (AHMM, MUSI)
UN3320 Music-East Asia-Southeast Asia
S3321D Musics of India and West Asia
S2020D Salsa Soca Reggae: Popular Musics of the Caribbean

Religion (RELI)
UN1612 Religion and the History of Hip-Hop
S2305D Islam
S2308 (D, Q) East Asian Buddhism

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
S1001Q Biodiversity
S1011Q Behavioral Biology of Living Primates
S1115D The Life Aquatic

Physics (PHYS)
UN1111D Origins and Meaning

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.)

Additional Courses (Prerequisites May Apply)

Biology (BIOL)
GU4310 Virology

Chemistry (CHEM)
S1403D General Chemistry, I
S1404Q General Chemistry, II
S1404X General Chemistry, II
S1500X General Chemistry Laboratory
S1500D General Chemistry Laboratory
S1500Q General Chemistry Laboratory

Computer Science (COMS) (ENGI)
W1004D Introduction to Computer Programming: Java *
Columbia students may receive credit for only one of the following two courses: COMS S1004 or S1005.

W1004Q  Introduction to Computer Programming: Java

W3134D  Data Structures in Java
W3134Q  Data Structures in Java
W3203D  Discrete Mathematics
W3251Q  Comparative Linear Algebra
W3261D  Computer Science Theory
W3261Q  Computer Science Theory
W4701D  Artificial Intelligence
W4705D  Natural Language Processing
W4771D  Machine Learning
W4771Q  Machine Learning
W4995D  Topics in Computer Science

Ecology, Evolution, and Environmental Biology (EEEB)
S3015D  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*
S2450Q  Behavioral Neuroscience*
("Prerequisite: PSYC S/UN1001 or equivalent")
UN2470D  Fundamentals of Human Neuropsychology*
("Prerequisite: PSYC S/UN1001 or equivalent")
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***
Statistics (STAT)
S1101D   Introduction to Statistics
S1101Q   Introduction to Statistics
S1201D   Introduction to Statistics (with Calculus)
S1201Q   Introduction to Statistics (with Calculus)
S4203D   Probability Theory
S4204D   Statistical Inference
S4206D   Stat Comp & Intro to Data Science
S4241D   Statistical Machine Learning

New Courses Approved for Summer 2020

The following is a list of new courses recently approved for Summer 2020. Course descriptions may be found on the Columbia Summer website: http://sps.columbia.edu/summer/courses.

African American and African Diaspora Studies (AFAS, AFAM)
UN1001   Introduction to African-American Studies
GU4000   Gospel Music in Modern America
GU4468   Post- 1945 Jazz

Art History and Archaeology (AHIS)
S2409    Architecture, 1750-1890
S2600    Arts of China
S4654    Painting in the Mid-Twentieth Century, 1929-1980
S4655    Performing the City

Biochemistry (BCHM)
GU4501   Biochemistry I- Structure/Metabolism

Biology (BIOL)
GU4310   Virology

Classics (CLCV)
UN3059   Worlds of Alexander the Great
UN3111   Plato and Confucius: Comparative Ancient Philosophy

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

Economics (ECON)
S3255    Money and Banking
GU4301   Economic Growth and Development I
GU4321   Economic Development
GU4370   Political Economy

English and Comparative Literature (CLEN)
OC3245   Black Americans and the City of Light
(Note: This course will be taught abroad in Paris; will not be offered during Summer 2020 semester)
S3484    Inventions of the Self: Autofiction, Therapy, and Neuroplasticity
S3987Q  Narrative Medicine: Forms of Autobiography
S4521  Topics in Comparative Literature: Defining Life

**English and Comparative Literature (ENGL)**
S3826  Jane Austen and the Poets
S3943  English Translations of the Bible

**French (CLFR)**
GU4020  Contemporary Migration in the French and North African Context

**French (FREN)**
UN3242  French Language, Society, Culture Thru Paris
UN3883  French Civilization through Graphic Novels and Cinema

**History (HIST)**
UN2478  US Intellectual History 1865- Present
UN2587  Sport and Society in the Americas
UN2952  Pandemics: A Global History Course
UN3335  20th Century New York History
UN3998  Supervised Independent Research

**Italian (ITAL)**
UN3643  History of Italian Cinema

**Music (AHMM)**
UN2240  Music in East Asia

**Music (MUSI)**
UN2240  The Song Within Us: Composition, Analysis, Performance

**Philosophy (HUMA)**
S1200  Philosophical Reflections on Love, Loss, and Human Nature

**Philosophy (PHIL)**
UN3800  Philosophy, Justice, and Social Activism

**Political Science (POLS)**
UN3100  Justice
UN3260  Latino Political Experience
UN3671  China’s Foreign Relations
UN3720  Research Design: Scope and Methods
GU4708  Experimental Research: Exploring Political Phenomena
GU4835  Formal and Informal Terrorist Actors

**Physics (SCNC)**
UN1111  Origins and Meaning

**Physics (SCNC)**
UN3002  Chernobyl
Psychology (PSYC)
UN2280 Introduction to Developmental Psychology
UN2470 Fundamentals of Human Neuropsychology
S2650 Culture, Society, and the Social Brain

Religion (RELI)
UN1612 Religion and the History of Hip-Hop
S2335 Religion in Black America: An Introduction
S4619 Islam in Popular Culture

Sociology (SOCI)
UN1050 Understanding Society

Statistics (STAT)
GU4224 Bayesian Statistics

Sustainable Development (SDEV)
GU4250 Climate Change: Resilience and Adaptation

Women's Studies (WMST)
UN2340 Women, Power, and Popular Music

Writing (WRIT)
UN3215 Art Writing for Writers