

## 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
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#### 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>.

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 (EEEEB)**

S1001D Biodiversity

S1001D 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 \*

(\* Columbia students may receive credit for only one of the following two courses: COMS S1004 or S1005.)

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 (EEEEB)**

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\*\*\*

*(\*\*\*Students must have instructor permission.)*

**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
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**Biology (BIOL)**

GU4310	Virology
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**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
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**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
<b>(Note:</b> 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 (SOCL)**

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