2017 SUMMER SESSION COURSES
Guidelines for Columbia College Students

General Guidelines

All Columbia College students planning to take Summer Session courses should consult the 2016-2017 Columbia College Bulletin: [http://bulletin.columbia.edu/columbia-college/regulations/#studyoutsidecolumbiacollegetext](http://bulletin.columbia.edu/columbia-college/regulations/#studyoutsidecolumbiacollegetext)

- There is a 16-point limit for the entire Summer Session, with no more than 8 points in any Summer Session period or in overlapping periods.
- Points for courses taken for R credit may not be used toward the 124 points required for the degree.
- Generally, students may not take Summer Session courses for Pass/D/Fail, except in certain situations, detailed in the 2016-2017 Columbia College Bulletin at the link noted above.
- Not all courses offered in the Summer Session are accepted by Columbia College for credit. The following courses are *not approved* for Columbia College credit:

  **Business (BUSI)**
  - K3998 Math Methods for Business
  - K4001 Introduction to Finance
  - K4003 Corporate Finance
  - K4009 Financial Accounting
  - K4010 Managing Human Behavior in the Organization
  - K4015 Leading Alignment and Agility
  - K4020 Introduction to Marketing
  - K4025 Marketing Strategy
  - K4030 Developing and Implementing Ideas: Entrepreneurship
  - K4040 Security Analysis
  - K4301 Management and Leadership in the Knowledge Domain
  - K4850 Oral Communications for Business
  - K7001 Special Topics: Business Edge

  **Chemistry (CHEM)**
  - S0001 Preparation for College Chemistry

  **Film (FILM)**
  - S3210 / S4034 Comedy Writing across Media

  **Mathematics (MATH)**
  - S0065 Basic Mathematics
  - S1003 College Algebra and Analytic Geometry

  **Physics (PHYS)**
  - S0065 Basic Physics

  **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

Global Core Requirement

For detailed information on fulfilling the Global Core Requirement, students should refer to the 2016-2017 Columbia College Bulletin: http://bulletin.columbia.edu/columbia-college/core-curriculum/global-core-requirement/

The following courses are **approved** as courses that may be used in partial fulfillment of the Global Core Requirement:

Art History and Archaeology (AHUM)
S2640 Arts of China, Japan, and Korea

Center for the Study of Ethnicity and Race (CSER)
OC3928 Colonization/Decolonization
(Note: This course is taught abroad in Mexico City).

Comparative Literature-English (CLEN)
S3851 Human Rights in World Literature and Visual Culture

Comparative Literature-Modern Greek (CLGM)
S3920 The World Responds to the Greeks

East Asian Languages and Cultures (AHUM)
S1400 Colloquium on Major Texts: East Asia

Film (FILM)
S2295 World Cinema: Mexico

French and Romance Philology (FREN; MENA)
OC3817 Black Paris
OC4100 Migration, Displacement, and Diaspora in the French and North African Context
(Note: These courses are taught abroad in Paris).

History (HIST)
S3803 The Worlds of Mughal India
S4779 Africa and France
Latin American and Caribbean Studies
OC3501 Latin American Cities
(Note: This course is taught abroad in various South American cities, and is part of the Global Scholars Program).

Religion (RELI)
S2305 Islam
S2308 Buddhism: East Asian
S2335 Religion in Black America: An Introduction

Science Requirement

For detailed information on fulfilling the Science Requirement, students should refer to the 2016-2017 Columbia College Bulletin: http://bulletin.columbia.edu/columbia-college/core-curriculum/science-requirement/

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

Earth and Environmental Sciences (EESC)
S1011 Introduction to Earth Sciences I – Lecture and Lab
S1411 Introduction to Earth Sciences I – Lecture (only)

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

Philosophy (PHIL)
S3411 Introduction to Symbolic Logic

Psychology (PSYC)
S1001 The Science of Psychology
(Course may also be taken to satisfy a requirement for majors in Psychology; Neuroscience and Behavior; and concentrators in Psychology.)
S2280 Introduction to Developmental Psychology
S2450 Behavioral Neuroscience

Additional courses which may have prerequisites:

Biology (BIOS)
S2501 Contemporary Biology Laboratory

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

Computer Science (COMS)
S1004 Introduction to Computer Programming: Java*
S1005 Introduction to Computer Programming: MATLAB*
(* Note: Columbia students may receive credit for only one of the following two courses: COMS W1004 or W1005.)
S3134 Data Structures in Java
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>S3203</td>
<td>Discrete Mathematics</td>
</tr>
<tr>
<td>S3261</td>
<td>Computer Science Theory</td>
</tr>
<tr>
<td>S3827</td>
<td>Fundamentals of Computer Systems</td>
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<tr>
<td>S4111</td>
<td>Database Systems</td>
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<tr>
<td>S4156</td>
<td>Advanced Software Engineering</td>
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<tr>
<td>S4236</td>
<td>Introduction- Computational Complexity</td>
</tr>
<tr>
<td>S4701</td>
<td>Artificial Intelligence</td>
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<tr>
<td>S4733</td>
<td>Computational Aspects of Robotics</td>
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<tr>
<td>S4771</td>
<td>Machine Learning</td>
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Mathematics (MATH)

<table>
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<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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<td>S2500</td>
<td>Analysis and Optimization</td>
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<tr>
<td>S3027</td>
<td>Ordinary Differential Equations</td>
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<tr>
<td>S4061</td>
<td>Introduction to Modern Analysis, I</td>
</tr>
<tr>
<td>S4062</td>
<td>Introduction to Modern Analysis, II</td>
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Physics (PHYS)

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<tr>
<th>Course Code</th>
<th>Course Title</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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Psychology (PSYC)

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>S3280</td>
<td>Seminar in Infant Development**</td>
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(Permission of the instructor is required for PSYC S3280. Students should have taken a course in developmental psychology. If the instructor determines that there is room in the course and admits the student to it, then department approval of the course for the science requirement will automatically follow.)

Statistics (STAT)

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</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>S4199</td>
<td>Statistical Computing in SAS</td>
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<td>S4203</td>
<td>Probability Theory</td>
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<td>S4204</td>
<td>Statistical Inference</td>
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<td>S4206</td>
<td>Stat. Comp. and Intro Data Science</td>
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<tr>
<td>S4241</td>
<td>Statistical Machine Learning</td>
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<tr>
<td>S4261</td>
<td>Statistical Methods for Finance</td>
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New Courses Approved for Summer 2017

The following is a list of new courses recently approved for Summer 2017; course descriptions may be found on the Summer Session website: [http://sps.columbia.edu/summer/courses](http://sps.columbia.edu/summer/courses)

Art History and Archaeology (AHIS)

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>OC3310</td>
<td>Potraiture in Renaissance Venice</td>
</tr>
<tr>
<td>S3204</td>
<td>Medieval Art and the City</td>
</tr>
<tr>
<td>S3219</td>
<td>0s and 1s: Digital and Computational Approaches to the Study of Medieval Art and Architecture</td>
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<tr>
<td>S3430</td>
<td>From John Singleton Copley to Kehinde Wiley: The Construction of National Identity in American Portraiture</td>
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<tr>
<td>S3601</td>
<td>&quot;Outliers: How the Frontier Shaped Early Chinese Art and Culture</td>
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05/05/17, v.2, Page 4
Center for the Study of Ethnicity and Race (CSER)
OC3928 Colonization/Decolonization
(This course is taught abroad in Mexico City.)

Economics (ECON)
S4465 Public Economics
S4625 Economics of the Environment

English and Comparative Literature (ENGL)
S3261 Chaucer's Sondry Folk: The Canterbury Tales
S3483 Relationality in Contemporary American Prose Narratives S3263
S3714 Hawthorne, James, Cather: The Arts of Fiction
S3848 Modernism

Film (FILM)
S2295 World Cinema: Mexico
S3833 Lab Producing in Low Budget Film
S4138 Auteur Study: Steven Speilberg

French and Romance Philology (FREN)
OC2223 Intermediate French Culture and Conversation: Mapping Hidden Paris through Urban Diversity
OC3827 Mosaic Paris: Community and Diversity in a “Global City” (19th and 21st Centuries)
(Note: These courses are taught abroad in Paris).

History (HIST)
S3684 Crimes: Practices and Representations

Latin American and Caribbean Studies (LCRS)
OC3501 Latin American Cities: Rio de Janeiro, Sao Paulo, Montevideo, Buenos Aires, and Havana
(Note: This course is taught abroad in South America and is only open to students who have taken LCRS UN3500 and have been accepted to the Global Scholars Program: Latin American Cities.)

Modern Greek (Classics/Hellenic Studies) (GRKM)
OC3930 A History of the Greek Present
(Note: This course is taught abroad in Athens, Greece).

Political Science (POLS)
S3625 Rising Great Powers
S3680 Topics in International Security
S3961 Seminar in International Politics: Contemporary Diplomacy

Psychology (PSYC)
S2650 Introduction to Cultural Psychology
S3610 Psychology of Stereotyping and Prejudice

Religion (RELI)
S2305 Islam
S2308 East Asian Buddhism

Statistics (STATS)
S4206 Statistical Computing and Introduction to Data Analysis
S4241 Statistical Machine Learning
S4261 Statistical Methods for Finance
<table>
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<tr>
<th>Writing (WRIT)</th>
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<tbody>
<tr>
<td>S4111</td>
<td>Coming of Age in Latin American Literature and Film</td>
</tr>
<tr>
<td>S4314</td>
<td>Direct Encounters: The Japanese Poetic Tradition</td>
</tr>
<tr>
<td>S4411</td>
<td>Creative (Mis) Translation</td>
</tr>
</tbody>
</table>