2015 SUMMER SESSION COURSES
GUIDELINES FOR COLUMBIA COLLEGE STUDENTS

GENERAL GUIDELINES

All Columbia College students planning to take Summer Session courses should consult the 2014-2015 Columbia College Bulletin: 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 2014-2015 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
  K3999 Independent Research
  K4001 Introduction to Finance
  K4003 Corporate Finance
  K4009 Financial Accounting
  K4010 Managing Human Behavior in the Organization
  K4020 Introduction to Marketing and Marketing Management
  K4025 Marketing Strategy
  K4030 Developing and Implementing Ideas: Entrepreneurship
  K4040 Security Analysis
  K4301 Management and Leadership in the Knowledge Domain
  K7001 Special Topics: Business Edge

  Chemistry (CHEM)
  S0001 Preparation for College Chemistry

  Film (FILM)
  S3210 Comedy Writing
  S4160 Producing the Low Budget Film

  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

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**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)**
  - S3342 Masterpieces of Indian Art and Architecture

- **East Asian Languages and Cultures (AHUM)**
  - S3400 Colloquium on Major Texts: East Asia

- **French and Romance Philology (MENA)**
  - O4100 Maghreb-Mashrek: East and West
  
  *(This course is taught abroad, as part of the Columbia in Amman and Paris: Middle Eastern and North African Studies (MENA) Summer Program. For application info, visit the Office of Global Programs website: [http://ogp.columbia.edu/](http://ogp.columbia.edu/))*

- **Middle Eastern, South Asian, and African Studies (CLME)**
  - S4031 Cinema and Society in Asia and Africa

- **Political Science (POLS)**
  - O3720 Comparative Democratic Processes

  *(This course is taught abroad, as part of the Columbia Summer Program in Tunis and Istanbul: Democracy and Constitutional Engineering. For application info, visit the Office of Global Programs website: [http://ogp.columbia.edu/](http://ogp.columbia.edu/))*

- **Religion (RELI)**
  - S2008 Buddhism: East Asian
Science Requirement

For detailed information on fulfilling the Science Requirement, students should refer to the 2014-2015 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

**Ecology, Evolution, and Environmental Biology (EEEB)**
- S1001 Biodiversity
- S1011 Behavioral Biology of Living Primates
- S1115 The Life Aquatic
- S1801 Ecological Perspectives on Food Production

**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.)

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
- S3443 Organic Chemistry, I
- S3444 Organic Chemistry, II
- S3543 Organic 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
- S3203 Discrete Mathematics
- S3261 Computer Science Theory
- S3827 Fundamentals of Computer Systems
- S4111 Database Systems
- S4115 Programming Languages and Translators
- S4231 Analysis of Algorithms
- S4701 Artificial Intelligence
- S4771 Machine Learning

**Ecology, Evolution, and Environmental Biology (EEEB)**
- S1001 Biodiversity
- S1011 Behavioral Biology of the Living Primates
- S1115 The Life Aquatic
- S1801 Ecological Perspectives on Food Production
### Mathematics (MATH)
- S1101 Calculus, I
- S1102 Calculus, II
- S1201 Calculus, III
- S1202 Calculus, IV
- S2010 Linear Algebra
- S2500 Analysis and Optimization
- S3027 Ordinary Differential Equations
- S4061 Introduction to Modern Analysis, I
- S4062 Introduction to Modern Analysis, II

### Physics (PHYS)
- S1201 General Physics, I
- S1202 General Physics, II

### Psychology (PSYC)
- S2215 Cognition and the Brain
- S2235 Thinking and Decision Making
- S2450 Behavioral Neuroscience
- S3280 Seminar in Infant Development **
- S3483 The Dynamic Brain **

**Note: Permission of the instructor is required for PSYC S3280 and PSYC S3483. Priority will be given to Psychology and Neuroscience and Behavior Majors over students taking the course to meet the science requirement. 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)
- S1111 Introduction to Statistics
- S1211 Introduction to Statistics (with Calculus)
- S4105 Probability
- S4107 Statistical Inference
- S4199 Statistical Computing in SAS
- S4240 Data Mining

### NEW COURSES APPROVED FOR SUMMER 2015

The following is a list of new courses recently approved for Summer 2015; course descriptions may be found on the Summer Session website: [http://ce.columbia.edu/summer/courses](http://ce.columbia.edu/summer/courses)

#### Anthropology (ANTH)
- S3215 Unnatural Disasters: Culture, Society, and Catastrophe

#### Art History and Archaeology (AHIS)
- S3352 Gotham City Gothic
- S3642 American Natural Histories
- S4425 Early Modern Exchange: The Arts between Italy and the Eastern Mediterranean
- S4634 Before Andy Warhol: Concepts, Practices, and Functions of Replication in Historical American Art
- S4635 Art in America, 1876-1976: A Century of Trans-Atlantic Exchange

#### East Asian Languages and Cultures (EAAS)
- 04363 Visual Cultures in Korea

(This course is taught abroad, as part of the Columbia Global Seminar in Seoul: Visual Cultures at Yonsei University. For application info, visit the Office of Global Programs website: [http://ogp.columbia.edu/](http://ogp.columbia.edu/))
English and Comparative Literature (CLEN)
S3208 Literary Impressionism, 1874-1925
S3851 Speculative Fictions of the African Diaspora

English and Comparative Literature (ENGL)
S3260 Victorian Animals After Darwin
S3712 Literature and Climate Change
S3771 Disguise, Play, and Deception in American Prose Narratives
S3802 George Eliot: Ethics and Fiction

History (HIST)
S3299 From Ivan the Terrible to Vladimir Putin: Tyranny and Autocracy in Russia and the Soviet Union
S3596 History of Latinos/as in the United States
S3788 War in Modern African History
S4058 Health and Disease in the Ancient Mediterranean
S4498 The Ethics of Violence: From Robespierre to Subcomandante Marcos
S4555 Crusades against Immigrants in a Nation of Immigrants: History of American Nativism
S4564 Public Education in the United States
S4679 Race in Latin America, 1492-Present
S4909 The Birth of Ecology

Human Rights (HRTS)
S4407 Political Violence and Women’s Rights

Middle Eastern, South Asian, and African Studies (MDES)
S3275 Shari’a as a Legal System

Music (MUSI)
S3171 Avant-garde Composers of NYC: From John Cage to John Zorn

Philosophy (PHIL)
S3602 Time Travel, Free Will and Causation
S3802 Beauty and Love, Ancient and Modern

Political Science (POLS)
S3206 Money and Influence in American Politics

Psychology (PSYC)
S3483 The Dynamic Brain

Religion (RELI)
S3815 Pilgrim vs. the World: Literature, Film, and Quest

Sociology (SOCL)
S3305 Introduction to Ethnographic Methods

Theatre (THEA)
S4325 Fundamentals of Directing

Writing (WRIT)
S4500 Reading Fiction for Fiction Writers