

College of Letters and Science General Education Requirements

For Freshmen Who Entered Prior to Fall Quarter 2002 and Transfer Students Who Entered Prior to Fall Quarter 2004

Updated June 2009

Refer to the GE search in the *Schedule of Classes* for the most current GE listings.

The general education (GE) requirements of the College introduce undergraduates to the richness and diversity of the various academic disciplines, broaden their intellectual perspective, and prepare them to be educated members of society. Within the four major divisions of the College — humanities, life sciences, physical sciences, and social sciences, — students are encouraged to explore the different possibilities for further university study.

Students must earn units in (1) four courses in the humanities (literature, philosophy, language and linguistics, culture and civilization, the arts), (2) three courses in the physical sciences, (3) four courses in the social sciences (two from historical analysis and two from social analysis), and (4) three courses in the life sciences. In the humanities, at least one course must be from literature and no more than two may be from any single subgroup. In the physical sciences, two courses must be complementary and one must include a laboratory and/or demonstration component. In the life sciences, one course must include a laboratory and/or demonstration component.

Transfer students entering UCLA in Fall Quarter 2009 with 45 or more quarter units are not required to complete the complementary course requirement in physical sciences.

Courses required to satisfy the major or other courses taken in the major department may not be used to satisfy the GE requirements. However, courses outside the major which are required as preparation for a major may be used to satisfy these requirements.

Each student is exempt from two GE courses. Exemptions depend on the major selected and which division that major is in. Special programs such as the GE cluster courses also carry exemptions. For exemption information, consult a College counselor.

For application of advanced placement (AP) credit on the GE requirements, consult a College counselor.

A. Humanities

Four courses, with at least one from Group A1 and no more than two courses from any single subgroup:

- A1. Literature
- A2. Philosophy
- A3. Language and Linguistics
- A4. Culture and Civilization
- A5. The Arts

B. Physical Sciences

Three courses, two of which must be complementary and one of which must have a laboratory and/or demonstration component.

C. Social Sciences

Four courses (two each from Groups C1 and C2):

- C1. Historical Analysis
- C2. Social Analysis

D. Life Sciences

Three courses, one of which must have a laboratory and/or demonstration component.

The following notations are used in the GE course lists:

(L/D) denotes a laboratory or demonstration component

* Courses marked with an asterisk are listed in more than one category but can fulfill GE requirements in only one of the cross-listed categories

A. Humanities

A1. Literature

Afrikaans (Germanic Languages)

- 40. From Oppressed to Oppressor and Beyond: Literature in Afrikaans from Preapartheid to Postapartheid Era in English Translation

Ancient Near East (Near Eastern Languages)

- *10W. Jerusalem: Holy City

Chicana and Chicano Studies

- *10A. Introduction to Chicana/Chicano Studies: History and Culture

Chinese (Asian Languages)

- *50. Chinese Civilization

Classics

- 40W. Reading Greek Literature: Writing-Intensive
- 41W. Reading Roman Literature: Writing-Intensive

Comparative Literature

- *1A. World Literature: Antiquity to Middle Ages
- *1B. World Literature: Middle Ages to 17th Century
- *1C. World Literature: Age of Enlightenment to 20th Century
- *1D. Great Books from World at Large
- *2AW. Survey of Literature: Antiquity to Middle Ages
- *2BW. Survey of Literature: Middle Ages to 17th Century
- *2CW. Survey of Literature: Age of Enlightenment to 20th Century
- *2DW. Survey of Literature: Great Books from World at Large
- *4AW. Literature and Writing: Antiquity to Middle Ages
- *4BW. Literature and Writing: Middle Ages to 17th Century
- *4CW. Literature and Writing: Age of Enlightenment to 20th Century
- *4DW. Literature and Writing: Great Books from World at Large

English

- 4HW. Critical Reading and Writing (Honors)
- 4W. Critical Reading and Writing
- 10A. English Literature to 1660
- 10B. English Literature, 1660 to 1832
- 70. Major British Authors before 1800
- 75. Major British Authors, 1800 to Present
- 80. Major American Authors
- 85. American Novel
- 88A. Special Topics in English: Medieval Literature
- 88B. Special Topics in English: Renaissance Literature
- 88C. Special Topics in English: 17th-Century Literature
- 88D. Special Topics in English: 18th-Century Literature

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- 88E. Special Topics in English: Romantic Literature
- 88F. Special Topics in English: Victorian Literature
- 88G. Special Topics in English: 20th-Century British Literature
- 88H. Special Topics in English: Colonial American Literature
- 88I. Special Topics in English: 19th-Century American Literature
- 88J. Special Topics in English: 20th-Century American Literature
- *88L. Special Topics in English: Folklore and Mythology
- *88M. Special Topics in English: Literature and Society
- 90. Shakespeare
- 95A. Introduction to Poetry
- 95B. Introduction to Drama
- 95C. Introduction to Fiction
- 96. Short Story in England and America

French (French and Francophone Studies)

- 12. Introduction to Study of French and Francophone Literature (in French)
- 60. French and Francophone Novel
- 114A, 114B, 114C. Survey of French Literature (in French)

German (Germanic Languages)

- 50A. Great Works of German Literature in Translation: Medieval Period through Classicism
- 50B. Great Works of German Literature in Translation: Romanticism to Present
- *58. Knights and Ladies, Sex and Power at Medieval Court
- *59. Holocaust in Film and Literature
- *122. Fairy Tales and Fantastic
- 140A. Introduction to German Poetry (in German)
- 140B. Introduction to German Drama (in German)
- 140C. Introduction to German Narrative Prose (in German)

Honors Collegium

- 5. Representing Cleopatra: History, Drama, and Film
- 12. Sacred Form: Literature and Poetry in India from Bronze Age to Premodern Times
- 13. Fantastic Voyage: From Homer to "2001"
- 21W. Rise and Fall of Modernism
- 40W. Transformations of Cultural Stories across Disciplines and Texts
- 45W. Writing about Life Sciences
- *55. Culture and History of Utopias
- *59W. Literature and Culture of the American South
- *83W. Politics and Rhetoric of Literature
- 134. Quest for Identity and the American Dream

Italian

- *42A. Italy through the Ages in English: Holy Roman Empire to Sack of Rome
- *50A. Masterpieces of Italian Literature in English: Middle Ages to Baroque
- *50B. Masterpieces of Italian Literature in English: Enlightenment to Postmodernity

Japanese (Asian Languages)

- *70. Images of Japan: Literature and Film

Jewish Studies (Near Eastern Languages)

- *10. Social, Cultural, and Religious Institutions of Judaism

Philosophy

- *5. Philosophy in Literature

Portuguese (Spanish and Portuguese)

- 40A, 40B. Portuguese, Brazilian, and African Literature in Translation
- 120A, 120B. Introduction to Portuguese Literature (in Portuguese)
- 130A, 130B. Brazilian Literature and Identity: Introduction (in Portuguese)

Russian (Slavic Languages)

- 25. Russian Novel in Translation
- 25W. Russian Novel in Translation

- *90BW. Russian Civilization in the 20th Century

Scandinavian

- *50. Introduction to Scandinavian Literatures and Cultures
- 50W. Introduction to Scandinavian Literatures and Cultures

Spanish (Spanish and Portuguese)

- 60A, 60B, 60C. Hispanic Literatures in Translation

World Arts and Cultures

- *22. Introduction to American Folklore Studies

A2. Philosophy

Classics

- *148. Early Greek Medicine and Thought

German (Germanic Languages)

- *56. Figures Who Changed World

Honors Collegium

- 18. Trial of Socrates
- *23. Political Dissidence Today and in Ancient Greece: Trial and Death of Socrates in Its Classical and Legal Context
- 38W. Body-Mind Literacy
- 50W. Writing Science

Islamic (Near Eastern Languages)

- 110. Introduction to Islam

Philosophy

- *1. Beginnings of Western Philosophy
- 2. Introduction to Philosophy of Religion
- 3. Historical Introduction to Philosophy
- 4. Philosophical Analysis of Contemporary Moral Issues
- *5. Philosophy in Literature
- 6. Introduction to Political Philosophy
- 7. Introduction to Philosophy of Mind
- 8. Introduction to Philosophy of Science
- 21. Skepticism and Rationality
- 22. Introduction to Ethical Theory
- 22W. Introduction to Ethical Theory

Southeast Asian Studies

- *1. Introduction to Southeast Asian Studies

A3. Language and Linguistics

Applied Linguistics

- 40W. Language and Gender: Introduction to Gender and Stereotypes
- 101W. Introduction to Language Learning and Language Teaching
- M172SL. Latinos, Linguistics, and Literacy (Same as Chicana and Chicano Studies M170SL, Honors Collegium M128SL, and Spanish M172SL)

Asian (Asian Languages)

- M20. Visible Language: Study of Writing (Same as Indo-European Studies M20, Near Eastern Languages M20, Slavic M20, and Southeast Asian M20)

Chicana and Chicano Studies

- M170SL. Latinos, Linguistics, and Literacy (Same as Applied Linguistics M172SL, Honors Collegium M128SL, and Spanish M172SL)

Classics

- 185. Origins and Nature of English Vocabulary

Communication Studies

- M70. Origin of Language (Same as German M70 and Indo-European Studies M70)

English

- M40. Structure of English Words (Same as Linguistics M10)
- 88K. Special Topics in English: History of English Language

German (Germanic Languages)

M70. Origin of Language (Same as Communication Studies M70 and Indo-European Studies M70)

Honors Collegium

56. Language as Window to Mind

- *59W. Literature and Culture of the American South
- *60. Discovering and Explaining Anomalies of English
- *83W. Politics and Rhetoric of Literature

M128SL. Latinos, Linguistics, and Literacy (Same as Applied Linguistics M172SL, Chicana and Chicano Studies M170SL, and Spanish M172SL)

131. Beating Time through Time: Language, Verse, and Culture

Indo-European Studies

M20. Visible Language: Study of Writing (Same as Asian M20, Near Eastern Languages M20, Slavic M20, and Southeast Asian M20)

M70. Origin of Language (Same as Communication Studies M70 and German M70)

Language

Formal University foreign language instruction at level four or higher; no more than one course at level four or higher may be used

Linguistics

1. Introduction to Study of Language
2. Language in the U.S.
3. American Sign Language: Structure and Culture
5. Languages of World
- M10. Structure of English Words (Same as English M40)
20. Introduction to Linguistics

Near Eastern Languages

M20. Visible Language: Study of Writing (Same as Asian M20, Indo-European Studies M20, Slavic M20, and Southeast Asian M20)

Portuguese (Spanish and Portuguese)

M35. Spanish, Portuguese, and Nature of Language (Same as Spanish M35)

Slavic (Slavic Languages)

M20. Visible Language: Study of Writing (Same as Asian M20, Indo-European Studies M20, Near Eastern Languages M20, and Southeast Asian M20)

Southeast Asian (Asian Languages)

M20. Visible Language: Study of Writing (Same as Asian M20, Indo-European Studies M20, Near Eastern Languages M20, and Slavic M20)

Spanish (Spanish and Portuguese)

M35. Spanish, Portuguese, and Nature of Language (Same as Portuguese M35)

M172SL. Latinos, Linguistics, and Literacy (Same as Applied Linguistics M172SL, Chicana and Chicano Studies M170SL, and Honors Collegium M128SL)

A4. Culture and Civilization**Afro-American Studies**

- *M10A. History of Africa to 1800 (Same as History M10A)

Ancient Near East (Near Eastern Languages)

- *10W. Jerusalem: Holy City
- 130. Ancient Egyptian Religion

Art History

- *50. Ancient Art
- *54. Modern Art
- *55B. Introduction to Pre-Columbian Art
- *56A. Art of India and Southeast Asia
- *56B. Chinese Art
- *57. Renaissance and Baroque Art and Ideology

- *88A. Lower Division Seminar: Buddha's Life and Teachings in Art, Texts, and Worship

Asian (Asian Languages)

- 60. Introduction to Buddhism
- 60W. Introduction to Buddhism
- 61. Introduction to Zen Buddhism

Central and East European Studies (Slavic Languages)

- 91. Culture and Society in Central and Eastern Europe

Chicana and Chicano Studies

- *10A. Introduction to Chicana/Chicano Studies: History and Culture

Chinese (Asian Languages)

- *50. Chinese Civilization

Classics

- *10. Discovering Greeks
- *20. Discovering Romans
- 30. Classical Mythology
- *42. Cinema and Ancient World
- *51A. Art and Archaeology of Ancient Greece
- *51B. Art and Archaeology of Ancient Rome
- *88GE. General Education Seminar Sequences
- *148. Early Greek Medicine and Thought

Comparative Literature

- *1A. World Literature: Antiquity to Middle Ages
- *1B. World Literature: Middle Ages to 17th Century
- *1C. World Literature: Age of Enlightenment to 20th Century
- *1D. Great Books from World at Large
- *2AW. Survey of Literature: Antiquity to Middle Ages
- *2BW. Survey of Literature: Middle Ages to 17th Century
- *2CW. Survey of Literature: Age of Enlightenment to 20th Century
- *2DW. Survey of Literature: Great Books from World at Large
- *4AW. Literature and Writing: Antiquity to Middle Ages
- *4BW. Literature and Writing: Middle Ages to 17th Century
- *4CW. Literature and Writing: Age of Enlightenment to 20th Century
- *4DW. Literature and Writing: Great Books from World at Large

English

- *88L. Special Topics in English: Folklore and Mythology
- *88M. Special Topics in English: Literature and Society

Ethnomusicology

- *35. Blues, Society, and American Culture
- *40. Music and Religion

French (French and Francophone Studies)

- 14. Introduction to French Culture and Civilization in English
- 14W. Introduction to French Culture and Civilization in English
- 41. French Cinema and Culture
- *112. Medieval Foundations of European Civilization

German (Germanic Languages)

- 55. City as Text: German Exile Culture in Los Angeles
- 55W. German Exile Culture in Los Angeles
- *56. Figures Who Changed World
- *58. Knights and Ladies, Sex and Power at Medieval Court
- *59. Holocaust in Film and Literature
- 60W. War
- 61A. Transatlantic Culture: Modern City in Central Europe — Berlin
- 61B. Transatlantic Culture: Modern City in Central Europe — Weimar
- 61C. Transatlantic Culture: Modern City in Central Europe — Vienna
- 61D. Transatlantic Culture: Modern City in Central Europe — Prague
- 62W. Technoscience and German Culture
- 100A. German History and Culture before 1500
- 100B. German History and Culture, 1500 to 1914
- 100C. War, Politics, Art
- *122. Fairy Tales and Fantastic

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History

- *8A. Colonial Latin America
- *8AH. Colonial Latin America (Honors)
- *9A. Introduction to Asian Civilizations: History of India
- *9C. Introduction to Asian Civilizations: History of Japan
- *9CH. Introduction to Asian Civilizations: History of Japan (Honors)
- *9D. Introduction to Asian Civilizations: History of the Near and Middle East
- *M10A. History of Africa to 1800 (Same as Afro-American Studies M10A)
- *10B. History of Africa, 1800 to Present
- *10BH. Introduction to Civilizations of Africa (Honors)
- *10BW. Introduction to Civilizations of Africa since 1800
- *11A. History of China: To 1000
- *11AH. History of China: To 1000 (Honors)
- *11B. History of China: 1000 to 1950
- *11BH. History of China: 1000 to 1950 (Honors)

Honors Collegium

- 10. Colonial Legacies: Childhood and Islam in Francophone Africa
- *23. Political Dissidence Today and in Ancient Greece: Trial and Death of Socrates in Its Classical and Legal Context
- *26. Representing Medicine: Art, Literature, and Film
- *30. Vietnam War and American Culture
- *60. Discovering and Explaining Anomalies of English
 - 85. *Mestizaje* and Memory in Americas
- *M120. Art and Performance: Interdisciplinary Approach to Collections of Getty Center (Same as Theater M109)
- *132. Bible as Political Theory

Italian

- *42A. Italy through the Ages in English: Holy Roman Empire to Sack of Rome
- 42B. Italy through the Ages in English: Late Renaissance to Postmodern Period
- 42C. Italy through the Ages in English: Food and Literature in Italy
- 46. Italian Cinema and Culture in English
- *50A. Masterpieces of Italian Literature in English: Middle Ages to Baroque
- *50B. Masterpieces of Italian Literature in English: Enlightenment to Postmodernity

Japanese (Asian Languages)

- 50. Japanese Civilization
- *70. Images of Japan: Literature and Film

Jewish Studies (Near Eastern Languages)

- *10. Social, Cultural, and Religious Institutions of Judaism
- 75. Modern Hebrew Literature Made into Films

Lesbian, Gay, Bisexual, and Transgender Studies

- *M114. Introduction to Lesbian, Gay, Bisexual, and Transgender Studies (Same as Women's Studies M114)

Music History (Musicology)

- *7. Film and Music
- *63. Bach

Near Eastern Languages

- 50A. First Civilizations
- 50B. Origins of Judaism, Christianity, and Islam
- 50C. Modern Middle Eastern Cultures

Philosophy

- *1. Beginnings of Western Philosophy
- *5. Philosophy in Literature

Portuguese (Spanish and Portuguese)

- M42. Civilization of Spain and Portugal (Same as Spanish M42)
- M44. Civilization of Spanish America and Brazil (Same as Spanish M44)

- 46. Brazilian Culture and Civilization

Russian (Slavic Languages)

- 30. Russian Literature and World Cinema
- 90A. Introduction to Russian Civilization
- 90B. Russian Civilization in the 20th Century
- *90BW. Russian Civilization in the 20th Century

Scandinavian

- *50. Introduction to Scandinavian Literatures and Cultures

Slavic (Slavic Languages)

- 90. Introduction to Slavic Civilization

Southeast Asian Studies

- *1. Introduction to Southeast Asian Studies

Spanish (Spanish and Portuguese)

- M42. Civilization of Spain and Portugal (Same as Portuguese M42)
- M44. Civilization of Spanish America and Brazil (Same as Portuguese M44)

Theater

- *M109. Art and Performance: Interdisciplinary Approach to Collections of Getty Center (Same as Honors Collegium M120)

Women's Studies

- *M114. Introduction to Lesbian, Gay, Bisexual, and Transgender Studies (Same as Lesbian, Gay, Bisexual, and Transgender Studies M114)

World Arts and Cultures

- *22. Introduction to American Folklore Studies

A5. The Arts

Afro-American Studies

- M110A, M110B. African American Musical Heritage (Same as Ethnomusicology M110A, M110B)

Architecture and Urban Design

- 30. Introduction to Architectural Studies

Art

- 31A, 31B, 31C. Modernism

Art History

- *50. Ancient Art
- 51. Medieval Art
- *54. Modern Art
 - 55A. Introduction to Arts of Africa
 - *55B. Introduction to Pre-Columbian Art
 - *56A. Art of India and Southeast Asia
 - *56B. Chinese Art
 - *57. Renaissance and Baroque Art and Ideology
 - *88A. Lower Division Seminar: Buddha's Life and Teachings in Art, Texts, and Worship

Arts and Architecture

- 10. Arts Encounters: Exploring Arts Literacy in 21st Century

Chicana and Chicano Studies

- M108A. Music of Latin America (Same as Ethnomusicology M108A)

Classics

- *42. Cinema and Ancient World
- *51A. Art and Archaeology of Ancient Greece
- *51B. Art and Archaeology of Ancient Rome
- *87GE. General Education Seminar Sequences

Design | Media Arts

- 9. Art, Science, and Technology
- 10. Design Culture: Introduction

English

- M50. Introduction to Visual Culture (Same as Film and Television M50)

Ethnomusicology

- 5. Music Around World
- 20A, 20B, 20C. Musical Cultures of World
- 25. Global Pop
- *30. Music and Media
- *35. Blues, Society, and American Culture
- *40. Music and Religion
- M108A, 108B. Music of Latin America (Same as Chicana and Chicano Studies M108A)
- M110A, M110B. African American Musical Heritage (Same as Afro-American Studies M110A, M110B)
- 113. Music of Brazil
- 136A, C136B. Music of Africa
- 147. Survey of Classical Music in India
- 174. Aesthetics of Music

Film and Television (Film, Television, and Digital Media)

- M50. Introduction to Visual Culture (Same as English M50)
- 106A. History of American Motion Picture
- 106B. History of European Motion Picture
- 106C. History of African, Asian, and Latin American Film
- 108. History of Documentary Film
- 112. Film and Social Change

Honors Collegium

- *26. Representing Medicine: Art, Literature, and Film
- *29. Critical Vision: History of Art as Social and Political Commentary
- 39. Early Modern French Culture in Film
- *51. Music and Society
- *53. American Folk Music, Protest, and Identity
- *M120. Art and Performance: Interdisciplinary Approach to Collections of Getty Center (Same as Theater M109)
- 137. Political Satire: Offensive Art
- M154. Interpreting Performance: Examination of Social, Historical, and Cultural Models for Performing Arts (Same as Theater M112)

Music

- 15. Art of Listening

Music History (Musicology)

- 3. Introduction to Classical Music
- 5. History of Rock and Roll
- *7. Film and Music
- 9. American Popular Song
- 10. Music Now
- 12W. Writing about Music
- 60. American Musical
- *63. Bach
- 64. Motown and Soul: African American Popular Music of 1960s
- 65. Blues in American Music
- *66. Getting Medieval
- 70. Beethoven
- 72. Sacred Music
- 135A. History of Opera: Baroque and Classical Periods
- 135B. History of Opera: Romantic Period
- 135C. History of Opera: 20th Century

Southeast Asian Studies

- *1. Introduction to Southeast Asian Studies

Theater

- 10. Introduction to Theater
- 102E. Theater of Non-European World
- 104C. History of American Theater: WWI to Present
- *M109. Art and Performance: Interdisciplinary Approach to Collections of Getty Center (Same as Honors Collegium M120)

- M112. Interpreting Performance: Examination of Social, Historical, and Cultural Models for Performing Arts (Same as Honors Collegium M154)

World Arts and Cultures

- 47. World Dance Histories
- 149. Dance in Multicultural U.S.
- 150. History of Dance in Culture and Performance

B. Physical Sciences**Astronomy (Physics and Astronomy)**

- 3. Nature of Universe (L/D)
- 4. Black Holes and Cosmic Catastrophes
- 5. Life in Universe
- 6. Cosmology: Our Changing Concepts of Universe
- 7. Astronomy and Media
- 81. Astrophysics I: Stars and Nebulae (L/D)
- 82. Astrophysics II: Stellar Evolution, Galaxies, and Cosmology (L/D)
- 88A. Lower Division Seminar: Cosmic Evolution

Atmospheric and Oceanic Sciences

- 1. Climate Change: From Puzzles to Policy
- 2. Air Pollution (L/D)
- 3. Introduction to Atmospheric Environment (L/D)
- 5. Climates of Other Worlds

Chemical Engineering (Chemical and Biomolecular Engineering)

- 2. Technology and Environment

Chemistry and Biochemistry

- 2. Introductory Chemistry
- 14A. Atomic and Molecular Structure, Equilibria, Acids, and Bases
- 14B. Thermodynamics, Electrochemistry, Kinetics, and Organic Chemistry
- 14BL. General and Organic Chemistry Laboratory (L/D)
- 20A. Chemical Structure
- 20AH. Chemical Structure (Honors)
- 20B. Chemical Energetics and Change
- 20BH. Chemical Energetics and Change (Honors)
- 20L. General Chemistry Laboratory (L/D)

Computer Science

- 2. Great Ideas In Computer Science

Earth and Space Sciences

- 1. Introduction to Earth Science (L/D)
- *3. Astrobiology
- 5. Environmental Geology of Los Angeles
- 7. Perils of Space: Introduction to Space Weather
- 8. Earthquakes
- 9. Solar System and Planets
- 10. Exploring Mars, Red Planet
- *15. Blue Planet: Introduction to Oceanography (L/D)
- *20. Natural History of Southern California (L/D)

Geography

- 1. Earth's Physical Environment (L/D)

Honors Collegium

- 20. What Is This Thing Called Science?: Nature of Modern Science
- 28. Perils of Living in Space: Introduction to Space Weather
- 35. Scientific Method: Critical Inquiry into Question of Extraterrestrial Life
- 67. Structure of Physical Reality (L/D)
- 73. Elementary Particles in the Universe

Mathematics

- 2. Finite Mathematics
- 3A, 3B. Calculus for Life Sciences Students
- 31A. Differential and Integral Calculus

- 31B. Integration and Infinite Series
- 31BH. Integration and Infinite Series (Honors)
- 31E. Calculus for Economics Students

Physics (Physics and Astronomy)

- 1A. Physics for Scientists and Engineers: Mechanics (L/D)
- 1AH. Physics for Scientists and Engineers: Mechanics (Honors) (L/D)
- 1B. Physics for Scientists and Engineers: Oscillations, Waves, Electric and Magnetic Fields (L/D)
- 1BH. Physics for Scientists and Engineers: Oscillations, Waves, Electric and Magnetic Fields (Honors) (L/D)
- 1C. Physics for Scientists and Engineers: Electrodynamics, Optics, and Special Relativity (L/D)
- 1CH. Physics for Scientists and Engineers: Electrodynamics, Optics, and Special Relativity (Honors) (L/D)
- 6A. Physics for Life Sciences Majors: Mechanics (L/D)
- 6AH. Physics for Life Sciences Majors: Statics and Dynamics (Honors) (L/D)
- 6B. Physics for Life Sciences Majors: Waves, Electricity, and Magnetism (L/D)
- 6BH. Physics for Life Sciences Majors: Sound, Light, and Hydrodynamics (Honors) (L/D)
- 6C. Physics for Life Sciences Majors: Light, Fluids, Thermodynamics, Modern Physics (L/D)
- 6CH. Physics for Life Sciences Majors: Electricity, Magnetism, and Transport (Honors) (L/D)
- 10. Physics (L/D)

Statistics

- *10. Introduction to Statistical Reasoning

Complementary courses include Astronomy 3/4, 3/5, 3/6, 3/7, 81/82; Atmospheric Sciences 1/3, 1/5, 2/3, 3/5; Chemistry and Biochemistry 14A/14B, 20A/20B; Earth and Space Sciences 1/8, 1/9, 1/15, 1/Geography 1, 20/Geography 1; Mathematics 3A/3B, 3A/31B, 3A/31E, 3B/31A, 31A/31B, 31A/31E; Physics 1A/1B, 1A/1C, 1AH/1BH/1CH, 1B/1C, 6AH/6BH, 6AH/6CH, 6BH/6CH.

C. Social Sciences

C1. Historical Analysis

Two courses from a single sequence are recommended:

Afro-American Studies

- *M10A. History of Africa to 1800 (Same as History M10A)

Anthropology

- *8. Archaeology: Introduction

Architecture and Urban Design

- 10A. History of Architecture and Urban Design: Prehistory to Mannerism
- 10B. History of Architecture and Urban Design: Baroque to Contemporary Moment

Asian American Studies

- 10W. History of Asian Americans

Classics

- *10. Discovering Greeks
- *20. Discovering Romans
- *87GE. General Education Seminar Sequences
- *88GE. General Education Seminar Sequences

French (French and Francophone Studies)

- *112. Medieval Foundations of European Civilization

History

- 1A, 1B, 1C. Introduction to Western Civilization
- 1AH, 1BH, 1CH. Introduction to Western Civilization (Honors)
- *2A. Power, Ethics, and Technological Change
- *2B. Social Knowledge and Social Power

- 2C, 2D. Religion, Occult, and Science
- 3A, 3B, 3C. Introduction to History of Science
- 3CH. Introduction to History of Science: History of Modern Science, Relativity to DNA (Honors)
- 3D. Themes in History of Medicine
- 4. Introduction to History of Religions
- *8A. Colonial Latin America
- *8AH. Colonial Latin America (Honors)
- 8B. Political Economy of Latin American Underdevelopment, 1750 to 1930
- 8BH. Political Economy of Latin American Underdevelopment, 1750 to 1930 (Honors)
- 8C. Latin American Social History
- 8CH. Latin American Social History (Honors)
- *9A. Introduction to Asian Civilizations: History of India
- *9C. Introduction to Asian Civilizations: History of Japan
- *9CH. Introduction to Asian Civilizations: History of Japan (Honors)
- *9D. Introduction to Asian Civilizations: History of the Near and Middle East
- 9E. Introduction to Asian Civilizations: Southeast Asian Crossroads
- *M10A. History of Africa to 1800 (Same as Afro-American Studies M10A)
- *10B. History of Africa, 1800 to Present
- *10BH. Introduction to Civilizations of Africa (Honors)
- *10BW. Introduction to Civilizations of Africa since 1800
- *11A. History of China: To 1000
- *11AH. History of China: To 1000 (Honors)
- *11B. History of China: 1000 to 1950
- *11BH. History of China: 1000 to 1950 (Honors)
- 13A. History of the U.S. and Its Colonial Origins: Colonial Origins and First Nation Building Acts
- 13B. History of the U.S. and Its Colonial Origins: 19th Century
- 13C. History of the U.S. and Its Colonial Origins: 20th Century
- 20. World History to A.D. 600
- 21. World History, Circa 600 to 1760
- 22. Contemporary World History, 1760 to Present
- *88GE. Sophomore Seminar: Special Topics in History

Honors Collegium

- *2. Comparative Genocide
- *23. Political Dissidence Today and in Ancient Greece: Trial and Death of Socrates in Its Classical and Legal Context
- *51. Music and Society
- *55. Culture and History of Utopias
- 62. Community and Self-Interest in History of American Culture
- 81. Eastern Christianity in Comparative Perspective: History, Doctrine, Culture
- *130. How Cold War Was Played
- 142. Madness in the Enlightenment: Care and Cure of Mental Illness
- *147. Feminism Around the World: Past and Present

Korean (Asian Languages)

- 50. Korean Civilization

Music History (Musicology)

- *66. Getting Medieval

Political Science

- 10. Introduction to Political Theory

Slavic (Slavic Languages)

- *40. Christianities East and West

C2. Social Analysis

Afro-American Studies

- M5. Social Organization of Black Communities (Same as Sociology M5)

American Indian Studies

M10. Introduction to American Indian Studies (Same as World Arts and Cultures M23)

Anthropology

- *8. Archaeology: Introduction
- 9. Culture and Society
- 33. Culture and Communication
- M134. Cultural Construction of Gender and Sexuality: Homosexualities (Same as Honors Collegium M129 and Lesbian, Gay, Bisexual, and Transgender Studies M134)

Civic Engagement

133SL. Community-Based Research: Theory and Practice

Communication Studies

10. Introduction to Communication Studies

Ecology and Evolutionary Biology

*11. Biomedical Research Issues in Minority Communities

Economics

- 1, 2. Principles of Economics
- 5. Introductory Economics

Environment

M165. Nuclear Weapons: Critical Decisions (Same as Honors Collegium M119, Public Policy M116, and Political Science M139B)

Ethnomusicology

*30. Music and Media

Geography

- 3. Cultural Geography
- 4. Globalization: Regional Development and World Economy
- 6. World Regions: Concepts and Contemporary Issues

Global Studies

1. Introduction to Global Studies

History

- *2A. Power, Ethics, and Technological Change
- *2B. Social Knowledge and Social Power
- *88GE. Sophomore Seminar: Special Topics in History

Honors Collegium

- *2. Comparative Genocide
- 27. Theories of Exchange: Social Life of Gifts and Commodities
- *29. Critical Vision: History of Art as Social and Political Commentary
- *30. Vietnam War and American Culture
- 48. Politics of Reproduction
- 49. Evidence in Law, Science, History, and Journalism
- *51. Music and Society
- *53. American Folk Music, Protest, and Identity
- *69. Artificial Life and Evolutionary Design: Theory and Practice in Multi-agent Modeling
- 70C. Culture, Ethnicity, Race, and Development: Multimedia and Multi-disciplinary Approach
- 82. Community and Labor Development from Ground Up
- 88. Understanding Imperialism in Africa: Slave Trade Antecedents and Colonial Legacies
- 97. Issues in American Foreign Policy: Methodology of Assessment
- M119. Nuclear Weapons: Critical Decisions (Same as Environment M165, Public Policy M116, and Political Science M139B)
- 126. Making Citizens/Making Societies: Political Cultivation in Cross-Cultural Perspective
- 127. Citizenship, Leadership, and Service
- M129. Cultural Construction of Gender and Sexuality: Homosexualities (Same as Anthropology M134 and Lesbian, Gay, Bisexual, and Transgender Studies M134)
- *130 How Cold War Was Played
- *132. Bible as Political Theory
- *138. Disease and Human Condition

139. African Americans and Africa in Perspective

140. Dominants and Subordinates in Social Psychology of Privilege and Oppression in Public Education

*147. Feminism Around the World: Past and Present

Information Studies

- 20. Introduction to Information Studies
- 30. Internet and Society

Lesbian, Gay, Bisexual, and Transgender Studies

- *M114. Introduction to Lesbian, Gay, Bisexual, and Transgender Studies (Same as Women's Studies M114)
- M134. Cultural Construction of Gender and Sexuality: Homosexualities (Same as Anthropology M134 and Honors Collegium M129)

Molecular, Cell, and Developmental Biology

*50. Stem Cell Biology, Politics, and Ethics: Teasing Apart Issues

Political Science

- 20. World Politics
- 30. Politics and Strategy
- 40. Introduction to American Politics
- 50. Introduction to Comparative Politics
- M139B. Nuclear Weapons: Critical Decisions (Same as Environment M165, Honors Collegium M119, and Public Policy M116)

Psychology

- 10. Introductory Psychology
- *88A. Lower Division Seminar: Stress, Adaptation, and Coping

Public Policy

M116. Nuclear Weapons: Critical Decisions (Same as Environment M165, Honors Collegium M119, and Political Science M139B)

Slavic (Slavic Languages)

*40. Christianities East and West

Sociology

- 1. Introductory Sociology
- M5. Social Organization of Black Communities (Same as Afro-American Studies M5)
- 10. Social Thought and Origins of Sociology

Women's Studies

- 10. Introduction to Women's Studies: Feminist Perspectives on Women and Society
- *M114. Introduction to Lesbian, Gay, Bisexual, and Transgender Studies (Same as Lesbian, Gay, Bisexual, and Transgender Studies M114)

World Arts and Cultures

M23. Introduction to American Indian Studies (Same as American Indian Studies M10)

D. Life Sciences**Anthropology**

7 (Human Evolution) or 12 (Principles of Human Evolution: Comparative Analysis)

Earth and Space Sciences

- *3. Astrobiology
- *15. Blue Planet: Introduction to Oceanography (L/D)
- 16. Major Events in History of Life (L/D)
- 17. Dinosaurs and Their Relatives (L/D)
- *20. Natural History of Southern California (L/D)

Ecology and Evolutionary Biology

- 10. Plants and Civilization (L/D)
- *11. Biomedical Research Issues in Minority Communities
- 12. Biodiversity and Extinction: Crisis and Conservation
- 13. Evolution of Life
- 21. Field Biology (L/D)
- 25. Marine Biology

8 / College of Letters and Science General Education Requirements

50. Desert Life (L/D)

Geography

- 2. Biodiversity in a Changing World (L/D)
- 5. People and the Earth's Ecosystems (L/D)

Honors Collegium

- 8. Communication among Organisms
- 14. Interaction of Science and Society
- 64. Neuroscience and Psychology of Art and Biology of Aesthetics
- *69. Artificial Life and Evolutionary Design: Theory and Practice in Multi-agent Modeling
- 70A. Genetic Engineering in Medicine, Agriculture, and Law (L/D)
- *138. Disease and Human Condition

Life Sciences

- 1. Evolution, Ecology, and Biodiversity (L/D)
- 2. Cells, Tissues, and Organs (L/D)
- 3. Introduction to Molecular Biology (L/D)
- 3H. Introduction to Molecular Biology (Honors) (L/D)
- 4. Genetics (L/D)
- 15. Life: Concepts and Issues (L/D)

Microbiology, Immunology, and Molecular Genetics

- 6. Microbiology for Nonmajors
- 7. Developments in Biotechnology (L/D)
- 12. Biological Threats to Society: Bioterrorism and Emerging Infections

Molecular, Cell, and Developmental Biology

- 40. AIDS and Other Sexually Transmitted Diseases
- *50. Stem Cell Biology, Politics, and Ethics: Teasing Apart Issues
- 70. Genetic Engineering and Society
- 80. Green World: Plant Biology for Now and Future (L/D)

Neuroscience

- 10. Brain Made Simple: Neuroscience for the 21st Century (4 units)

Physiological Science

- 3. Introduction to Human Physiology (L/D)
- 5. Issues in Human Physiology: Diet and Exercise (L/D)
- 6. The Human Machine: Physiological Processes
- 13. Introduction to Human Anatomy (L/D)

Psychology

- 15. Introductory Psychobiology
- *88A. Lower Division Seminar: Stress, Adaptation, and Coping

Statistics

- *10. Introduction to Statistical Reasoning
- 13. Introduction to Statistical Methods for Life and Health Sciences (5 units) (L/D)

Freshman General Education Clusters

M1A-M1B-M1CW. Global Environment. (Same as Environment M1A-M1B-M1CW.) Students who complete the entire sequence of three courses (15 units total) receive GE credit for four courses under this GE program, distributed as follows:

- Two life sciences courses
- Two physical sciences courses

In addition, the cluster also satisfies the laboratory and/or demonstration component for both life sciences and physical sciences, as well as the complementary course requirement for physical sciences.

20A-20B-20CW. Interracial Dynamics in American Culture and Society. Students who complete the entire sequence of three courses (15 units total) receive GE credit for four courses under this GE program, distributed as follows:

- One humanities/culture and civilization course
- One humanities/literature course
- One social sciences/historical analysis course
- One social sciences/social analysis course

21A-21B-21CW. History of Modern Thought. Students who complete the entire sequence of three courses (15 units total) receive GE credit for four courses under this GE program, distributed as follows:

- One humanities/culture and civilization course
- One humanities/philosophy course
- One social sciences/historical analysis course
- One social sciences/social analysis course

22A-22B-22CW. Toward World Economy: Perils and Promise of Globalization. Students who complete the entire sequence of three courses (15 units total) receive GE credit for four courses under this GE program, distributed as follows:

- Two social sciences/historical analysis courses
- Two social sciences/social analysis courses

70A-70B-70CW/70DW. Evolution of Cosmos and Life. Students who complete the entire sequence of three courses (15 units total) receive GE credit for four courses under this GE program, distributed as follows:

- Two life sciences courses
- Two physical sciences courses

In addition, the cluster also satisfies the laboratory and/or demonstration component for both life sciences and physical sciences, as well as the complementary course requirement for physical sciences.

80A-80B-80CW. Frontiers in Human Aging: Biomedical, Social, and Policy Perspectives. Students who complete the entire sequence of three courses (15 units total) receive GE credit for four courses under this GE program, distributed as follows:

- Two life sciences courses
- One social sciences/historical analysis course
- One social sciences/social analysis course

In addition, the cluster also satisfies the laboratory and/or demonstration component for life sciences.