

Henry Samueli School of Engineering and Applied Science General Education Requirements

For Students Who Entered Fall Quarter 2005 and Thereafter

Updated June 2007

School general education requirements include (1) at least 24 units of coursework in the Foundations of Knowledge described below, (2) Writing I (English Composition 3 or 3H or English as a Second Language 36), and (3) one 4-unit engineering ethics course selected from Engineering 183 or 185. Questions regarding school requirements should be directed to the Office of Academic and Student Affairs, 6426 Boelter Hall, (310) 825-9580.

Foundations of Knowledge

General education courses are grouped into three foundational areas: Foundations of the Arts and Humanities, Foundations of Society and Culture, and Foundations of Scientific Inquiry.

Five courses (24 units minimum) are required. One of the five courses must be a GE-approved Writing II (**W**) course.

Students must meet with a counselor in the Office of Academic and Student Affairs to determine the applicability of GE Cluster courses toward Writing II or GE requirements.

Foundations of the Arts and Humanities

Two 5-unit courses selected from two different subgroups:

- Literary and Cultural Analysis
- Philosophical and Linguistic Analysis
- Visual and Performance Arts Analysis and Practice

Foundations of Society and Culture

Two 5-unit courses, one from each subgroup:

- Historical Analysis
- Social Analysis

Foundations of Scientific Inquiry

One course (4 units minimum) from the Life Sciences subgroup supplemented by the following choices: Biomedical Engineering CM145/Chemical Engineering CM145, Chemistry and Biochemistry 153A, and Civil and Environmental Engineering M166/Environmental Health Sciences M166:

- Life Sciences

The following notations are used in the GE course lists:

(**W**) denotes a Writing II course

* 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

Foundations of the Arts and Humanities

The aim of courses in this area is to provide perspectives and intellectual skills necessary to comprehend and think critically about our situation in the world as human beings. In particular, the courses provide the basic means to appreciate and evaluate the ongoing efforts of humans to explain, translate, and transform their diverse experiences of the world through such media as language, literature, philosophical systems, images, sounds, and performances. The courses introduce students to the historical development and fundamental intellectual and ethical issues associated with the arts and humanities and may also investigate the

complex relations between artistic and humanistic expression and other facets of society and culture.

All Foundation of the Arts and Humanities courses carry a minimum of 5 units.

Literary and Cultural Analysis

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: The Holy City (**W**)
- *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

Asian (Asian Languages)

- 60. Introduction to Buddhism
- 60W. Introduction to Buddhism (**W**)
- *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 the Greeks
- *20. Discovering the Romans
- *30. Classical Mythology
- 40W. Reading Greek Literature: Writing-Intensive (**W**)
- 41W. Reading Roman Literature: Writing-Intensive (**W**)
- *42. Cinema and the Ancient World
- *51A. Art and Archaeology of Ancient Greece
- *51B. Art and Archaeology of Ancient Rome
- *87GE. Sophomore Seminar: Variable Topics
- *88GE. Sophomore Seminar: Special Topics in Classics
- *148. Early Greek Medicine and Thought

Comparative Literature

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

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4BW. Literature and Writing: Middle Ages to the 17th Century (W)

4CW. Literature and Writing: Age of Enlightenment to the 20th Century (W)

4DW. Literature and Writing: Great Books from the World at Large (W)

English

10A. English Literature to 1660

*M40. Structure of English Words (Same as Linguistics M10)

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

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

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

88K. Special Topics in English: History of English Language

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

Ethnomusicology

*35. Blues, Society, and American Culture

*40. Music and Religion

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

*M50. Introduction to Visual Culture (Same as English M50)

French (French and Francophone Studies)

14. Introduction to French Culture and Civilization, in English

14W. Introduction to French Culture and Civilization, in English (W)

*41. French Cinema and Culture

60. French and Francophone Novel

German (Germanic Languages)

50B. Great Works of German Literature in Translation: Romanticism to the Present

*56. Figures Who Changed the World

57. Hollywood and Germany

58. Knights and Ladies, Sex and Power at Medieval Court

*59. Holocaust in Film and Literature

*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

*100C. War, Politics, Art

122. Fairy Tales and the Fantastic

History

*8A. Colonial Latin America

*8AH. Colonial Latin America (Honors)

*9A. Introduction to Asian Civilizations: History of India

*11A. History of China: To 1000

*11AH. History of China: To 1000 (Honors)

Honors Collegium

5. Representing Cleopatra: History, Drama, and Film

10. Colonial Legacies: Childhood and Islam in Francophone Africa

13. Fantastic Voyage: From Homer to "2001"

*26. Representing Medicine: Art, Literature, and Film

59W. Literature and Culture of the American South (W)

83W. Politics and Rhetoric of Literature (W)

85. *Mestizaje* and Memory in Americas

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

60. 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

Labor and Workplace Studies

M1A, M1B. Work, Labor, and Social Justice in the U.S. (Same as GE Clusters M24A, M24B)

M1CW. Work, Labor, and Social Justice in the U.S.: Special Topics (Same as GE Clusters M24CW) (W)

Lesbian, Gay, Bisexual, and Transgender Studies

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

Linguistics

*M10. Structure of English Words (Same as English M40)

Music History (Musicology)

*63. Bach

*65. Blues in American Music

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)

40B. Portuguese, Brazilian, and African Literature in Translation

*46. Brazilian Culture and Civilization

Russian (Slavic Languages)

25. Russian Novel in Translation

25W. Russian Novel in Translation (W)

*90A. Introduction to Russian Civilization

90BW. Russian Civilization in the 20th Century (W)

Scandinavian

50. Introduction to Scandinavian Literatures and Cultures

50W. Introduction to Scandinavian Literatures and Cultures (W)

Slavic (Slavic Languages)

*90. Introduction to Slavic Civilization

South Asian (Asian Languages)

*60. Religion in Classical India: Introduction

Southeast Asian Studies

*1. Introduction to Southeast Asian Studies

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

Philosophical and Linguistic Analysis

Ancient Near East (Near Eastern Languages)

- *130. Ancient Egyptian Religion

Applied Linguistics and TESL

- *M40W. Language and Gender: Introduction to Gender and Stereotypes (Same as Communication Studies M40W, Japanese M40W, and Russian M40W) (W)
- 101W. Introduction to Language Learning and Language Teaching (W)

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

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

Classics

- *148. Early Greek Medicine and Thought
- 185. Origins and Nature of English Vocabulary

Communication Studies

- *M40W. Language and Gender: Introduction to Gender and Stereotypes (Same as Applied Linguistics and TESL M40W, Japanese M40W, and Russian M40W) (W)
- M70. Origin of Language (Same as German M70 and Indo-European Studies M70)

English

- *M40. Structure of English Words (Same as Linguistics M10)

German (Germanic Languages)

- *56. Figures Who Changed the World
- *59. Holocaust in Film and Literature
- M70. Origin of Language (Same as Communication Studies M70 and Indo-European Studies M70)

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 (W)
- 50W. Writing Science (W)
- 60. Discovering and Explaining Anomalies of English

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)

Islamic (Near Eastern Languages)

- 110. Introduction to Islam

Japanese (Asian Languages)

- *M40W. Language and Gender: Introduction to Gender and Stereotypes (Same as Applied Linguistics and TESL M40W, Communication Studies M40W, and Russian M40W) (W)

Linguistics

- *1. Introduction to Study of Language
- 2. Language in the U.S.
- 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)

Philosophy

- *1. Beginnings of Western Philosophy
- 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
- 22. Introduction to Ethical Theory
- 22W. Introduction to Ethical Theory (W)

Portuguese (Spanish and Portuguese)

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

Russian (Slavic Languages)

- *M40W. Language and Gender: Introduction to Gender and Stereotypes (Same as Applied Linguistics and TESL M40W, Communication Studies M40W, and Japanese M40W) (W)

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)
- *90. Introduction to Slavic Civilization

South Asian (Asian Languages)

- *60. Religion in Classical India: Introduction

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)

Southeast Asian Studies

- *1. Introduction to Southeast Asian Studies

Spanish (Spanish and Portuguese)

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

Visual and Performance Arts Analysis and Practice

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

Arts and Architecture

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

Chicana and Chicano Studies

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

Classics

- *42. Cinema and the Ancient World
- *51A. Art and Archaeology of Ancient Greece
- *51B. Art and Archaeology of Ancient Rome
- *87GE. Sophomore Seminar: Variable Topics

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Design I 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 the World
- 25. Global Pop
- *30. Music and Media
- *35. Blues, Society, and American Culture
- *40. Music and Religion

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

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

French (French and Francophone Studies)

- *41. French Cinema and Culture

Honors Collegium

- *26. Representing Medicine: Art, Literature, and Film
- *51. Music and Society
- M154. Interpreting Performance: Examination of Social, Historical, and Cultural Models for Performing Arts (Same as Theater M112)

Lesbian, Gay, Bisexual, and Transgender Studies

- *M137. Gay and Lesbian Perspectives in Pop Music (Same as Music History M137)

Music

- 15. Art of Listening

Music History (Musicology)

- 3. Introduction to Classical Music
- 5. History of Rock and Roll
- 7. Film and Music
- 8. History of Electronic Dance Music
- 60. American Musical
- 62. Mozart
- *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
- 75. History of Jazz
- 135A. History of Opera: Baroque and Classical Periods
- 135B. History of Opera: Romantic Period
- 135C. History of Opera: 20th Century
- M136. Music and Gender (Same as Women's Studies M136)
- *M137. Gay and Lesbian Perspectives in Pop Music (Same as Lesbian, Gay, Bisexual, and Transgender Studies M137)

Slavic (Slavic Languages)

- *90. Introduction to Slavic Civilization

Southeast Asian Studies

- *1. Introduction to Southeast Asian Studies

Theater

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

Women's Studies

- M136. Music and Gender (Same as Music History M136)

World Arts and Cultures

- 47. World Dance Histories

Foundations of Society and Culture

The aim of courses in this area is to introduce students to the ways in which humans organize, structure, rationalize, and govern their diverse societies and cultures over time. The courses focus on a particular historical question, societal problem, or topic of political and economic concern in an effort to demonstrate how issues are objectified for study, how data is collected and analyzed, and how new understandings of social phenomena are achieved and evaluated.

All Foundation of Society and Culture courses carry a minimum of 5 units.

Historical Analysis

Afro-American Studies

- *M5. Social Organization of Black Communities (Same as Sociology M5)
- M10A. History of Africa to 1800 (Same as History M10A)

Ancient Near East (Near Eastern Languages)

- *10W. Jerusalem: The Holy City (W)

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

Art History

- *50. Ancient Art
- *54. Modern Art
- *55A. Introduction to Arts of Africa

Asian (Asian Languages)

- *61. Introduction to Zen Buddhism

Asian American Studies

- 10. History of Asian Americans
- 10W. History of Asian Americans (W)

Chicana and Chicano Studies

- *10B. Introduction to Chicana/Chicano Studies: Social Structure and Contemporary Conditions

Classics

- *10. Discovering the Greeks
- *20. Discovering the Romans
- *87GE. Sophomore Seminar: Variable Topics
- *88GE. Sophomore Seminar: Special Topics in Classics

Geography

- 4. Globalization: Regional Development and World Economy

German (Germanic Languages)

- *56. Figures Who Changed the World
- *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
- *100C. War, Politics, Art

History

- 1A. Introduction to Western Civilization: Ancient Civilizations from Prehistory to Circa A.D. 843
- 1AH. Introduction to Western Civilization: Ancient Civilizations from Prehistory to Circa A.D. 843 (Honors)
- 1B. Introduction to Western Civilization: Circa A.D. 843 to Circa 1715

- 1BH. Introduction to Western Civilization: Circa A.D. 843 to Circa 1715 (Honors)
- 1C. Introduction to Western Civilization: Circa 1715 to the Present
- 1CH. Introduction to Western Civilization: Circa 1715 to the Present (Honors)
- *2B. Social Knowledge and Social Power
- 2C. Religion, the Occult, and Science: Mystics, Heretics, and Witches in Western Tradition, 1000 to 1600
- 2D. Religion, the Occult, and Science: Science, Magic, and Religion, 1600 to the Present
- 3A. Introduction to History of Science: Scientific Revolution
- 3B. Introduction to History of Science: History of Science from Newton to Darwin
- 3C. Introduction to History of Science: History of Modern Science, Relativity to DNA
- 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 the Present
- *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 the Present
- *88GE. Sophomore Seminar: Special Topics in History

Honors Collegium

- *20. What Is This Thing Called Science?: Nature of Modern Science
- *23. Political Dissidence Today and in Ancient Greece: Trial and Death of Socrates in Its Classical and Legal Context
- *51. Music and Society
- *147. Feminism Around the World: Past and Present

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

Korean (Asian Languages)

50. Korean Civilization

Labor and Workplace Studies

- M1A, M1B. Work, Labor, and Social Justice in the U.S. (Same as GE Clusters M24A, M24B)
- M1CW. Work, Labor, and Social Justice in the U.S.: Special Topics (Same as GE Clusters M24CW) (W)

Lesbian, Gay, Bisexual, and Transgender Studies

- *M137. Gay and Lesbian Perspectives in Pop Music (Same as Music History M137)

Music History (Musicology)

- *66. Getting Medieval
- *M137. Gay and Lesbian Perspectives in Pop Music (Same as Lesbian, Gay, Bisexual, and Transgender Studies M137)

Near Eastern Languages

- *50A. First Civilizations
- *50B. Origins of Judaism, Christianity, and Islam

Old Norse Studies (Germanic Languages)

- *135. Vikings

Portuguese (Spanish and Portuguese)

- M44. Civilization of Spanish America and Brazil (Same as Spanish M44)
- *46. Brazilian Culture and Civilization

Russian (Slavic Languages)

- *90A. Introduction to Russian Civilization

Slavic (Slavic Languages)

- *40. Christianities East and West

Sociology

- *M5. Social Organization of Black Communities (Same as Afro-American Studies M5)

Spanish (Spanish and Portuguese)

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

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

Applied Linguistics and TESL

- *M40W. Language and Gender: Introduction to Gender and Stereotypes (Same as Communication Studies M40W, Japanese M40W, and Russian M40W) (W)

Art History

- *55A. Introduction to Arts of Africa

Asian American Studies

20. Contemporary Asian American Communities

Chicana and Chicano Studies

- *10B. Introduction to Chicana/Chicano Studies: Social Structure and Contemporary Conditions

Classics

- *30. Classical Mythology

Communication Studies

10. Introduction to Communication Studies

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*M40W. Language and Gender: Introduction to Gender and Stereotypes (Same as Applied Linguistics and TESL M40W, Japanese M40W, and Russian M40W) (W)

Environment

M1A, M1B. Global Environment: Multidisciplinary Perspective I, II (Same as GE Clusters M1A, M1B)

M1CW. Global Environment: Special Topics (Same as GE Clusters M1CW) (W)

Ethnomusicology

*30. Music and Media

Geography

3. Cultural Geography

6. World Regions: Concepts and Contemporary Issues

German (Germanic Languages)

*100C. War, Politics, Art

Global Studies

1. Introduction to Global Studies

History

*2B. Social Knowledge and Social Power

*88GE. Sophomore Seminar: Special Topics in History

Honors Collegium

*51. Music and Society

*147. Feminism Around the World: Past and Present

Information Studies

20. Introduction to Information Studies

30. Internet and Society

Japanese (Asian Languages)

*M40W. Language and Gender: Introduction to Gender and Stereotypes (Same as Applied Linguistics and TESL M40W, Communication Studies M40W, and Russian M40W) (W)

Labor and Workplace Studies

M1A, M1B. Work, Labor, and Social Justice in the U.S. (Same as GE Clusters M24A, M24B)

M1CW. Work, Labor, and Social Justice in the U.S.: Special Topics (Same as GE Clusters M24CW) (W)

Lesbian, Gay, Bisexual, and Transgender Studies

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

*M137. Gay and Lesbian Perspectives in Pop Music (Same as Music History M137)

Molecular, Cell, and Developmental Biology

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

Music History (Musicology)

*M137. Gay and Lesbian Perspectives in Pop Music (Same as Lesbian, Gay, Bisexual, and Transgender Studies M137)

Old Norse Studies (Germanic Languages)

*135. Vikings

Philosophy

*6. Introduction to Political Philosophy

Political Science

10. Introduction to Political Theory

20. World Politics

40. Introduction to American Politics

50. Introduction to Comparative Politics

Russian (Slavic Languages)

*M40W. Language and Gender: Introduction to Gender and Stereotypes (Same as Applied Linguistics and TESL M40W, Communication Studies M40W, and Japanese M40W) (W)

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

Southeast Asian Studies

*1. Introduction to Southeast Asian Studies

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)

Foundations of Scientific Inquiry

The aim of courses in this area is to ensure that students gain a fundamental understanding of how scientists formulate and answer questions about the operation of both the physical and biological world. The courses also deal with some of the most important issues, developments, and methodologies in contemporary science, addressing such topics as the origin of the universe, environmental degradation, and the decoding of the human genome. Through lectures, laboratory experiences, writing, and intensive discussions, students consider the important roles played by the laws of physics and chemistry in society, biology, Earth and environmental sciences, and astrophysics and cosmology.

Life Sciences

Anthropology

7. Human Evolution (5 units)

12. Principles of Human Evolution: Comparative Analysis (5 units)

Astronomy (Physics and Astronomy)

5. Life in the Universe (4 units)

Earth and Space Sciences

3. Astrobiology (5 units)

15. Blue Planet: Introduction to Oceanography (5 units)

16. Major Events in History of Life (4 units)

17. Dinosaurs and Their Relatives (4 units)

20. Natural History of Southern California (5 units)

Ecology and Evolutionary Biology

10. Plants and Civilization (4 units)

11. Biomedical Research Issues in Minority Communities (5 units)

13. Evolution of Life (4 units)

25. Marine Biology (5 units)

Environment

M1A, M1B. Global Environment: Multidisciplinary Perspective I, II (Same as GE Clusters M1A, M1B) (5 units each)

M1CW. Global Environment: Special Topics (Same as GE Clusters M1CW) (5 units) (W)

Geography

2. Biodiversity in a Changing World (5 units)

5. People and the Earth's Ecosystems (5 units)

Honors Collegium

8. Communication among Organisms (4 units)

14. Interaction of Science and Society (4 units)

64. Neuroscience and Psychology of Art and Biology of Aesthetics (5 units)

70A. Genetic Engineering in Medicine, Agriculture, and Law (5 units)

Life Sciences

1. Evolution, Ecology, and Biodiversity (5 units)
2. Cells, Tissues, and Organs (5 units)
15. Life: Concepts and Issues (5 units)

Linguistics

- *1. Introduction to Study of Language (5 units)

Microbiology, Immunology, and Molecular Genetics

6. Introduction to Microbiology (4 units)
7. Developments in Biotechnology (4 units)
12. Biological Threats to Society: Bioterrorism and Emerging Infections (4 units)

Molecular, Cell, and Developmental Biology

30. Biology of Cancer (5 units)
40. AIDS and Other Sexually Transmitted Diseases (5 units)
- *50. Stem Cell Biology, Politics, and Ethics: Teasing Apart Issues
80. The Green World: Plant Biology for Now and the Future (5 units)

Neuroscience

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

Physiological Science

3. Introduction to Human Physiology (5 units)
5. Issues in Human Physiology: Diet and Exercise (5 units)
13. Introduction to Human Anatomy (5 units)

Psychology

15. Introductory Psychobiology (4 units)

Statistics

10. Introduction to Statistical Reasoning (5 units)
13. Introduction to Statistical Methods for Life and Health Sciences (5 units)

Freshman General Education Cluster Program

The Freshman General Education Cluster program is a curricular initiative designed to strengthen the intellectual skills of entering freshmen by introducing them to faculty research and exposing them to the best practices in teaching such as seminars and interdisciplinary study. Clusters are yearlong, collaboratively taught, interdisciplinary courses that focus on a topic of timely importance, such as the global environment or interracial dynamics. The courses are taught by some of UCLA's most distinguished faculty members and seasoned graduate students and are open only to entering freshmen. During Fall and Winter Quarters, students attend lecture courses and small discussion sections and/or laboratories. In Spring Quarter, the same students enroll in one of a number of satellite seminars dealing with topics related to the cluster theme.

Students must meet with a counselor in the Office of Academic and Student Affairs to determine the applicability of GE Cluster courses toward Writing II or GE requirements. Completion of a GE Cluster series may satisfy no more than three requirements. The third term of a cluster may satisfy a GE requirement OR Writing II requirement. See <http://www.registrar.ucla.edu/soc/writing.htm> for details of the Writing I and II requirements.

General Education Clusters

M1A-M1B-M1CW. Global Environment (Same as Environment M1A-M1B-M1CW)

- One course in Foundations of Scientific Inquiry – Life Sciences
- One course in Foundations of Scientific Inquiry – Physical Sciences
- One course in Foundations of Society and Culture – Social Analysis

20A-20B-20CW. Interracial Dynamics in American Culture and Society

- One course in Foundations of the Arts and Humanities – Literary and Cultural Analysis
- One course in Foundations of Society and Culture – Historical Analysis
- One course in Foundations of Society and Culture – Social Analysis

21A-21B-21CW. History of Modern Thought

- One course in Foundations of the Arts and Humanities – Philosophical and Linguistic Analysis
- One course in Foundations of Society and Culture – Historical Analysis
- One course in Foundations of Society and Culture – Social Analysis

22A-22B-22CW. Toward World Economy: Perils and Promise of Globalization

- One course in Foundations of the Arts and Humanities – Literary and Cultural Analysis
- One course in Foundations of Society and Culture – Historical Analysis
- One course in Foundations of Society and Culture – Social Analysis

23A-23B-23CW. Inside Performing Arts: Interdisciplinary Explorations of Performance in Society and Culture

- One course in Foundations of the Arts and Humanities – Literary and Cultural Analysis
- One course in Foundations of the Arts and Humanities – Visual and Performance Arts Analysis and Practice
- One course in Foundations of Society and Culture – Historical Analysis

M24A-M24B-M24CW. Work, Labor, and Social Justice in the U.S. (Same as Labor and Workplace Studies M1A-M1B-M1C)

- One course in Foundations of the Arts and Humanities – Literary and Cultural Analysis
- One course in Foundations of Society and Culture – Historical Analysis
- One course in Foundations of Society and Culture – Social Analysis

60A-60B-60CW. America in Sixties: Politics, Society, and Culture, 1954 to 1974

- One course in Foundations of the Arts and Humanities – Literary and Cultural Analysis
- One course in Foundations of the Arts and Humanities – Visual and Performance Arts Analysis and Practice
- One course in Foundations of Society and Culture – Social Analysis

66A-66B-66CW. Los Angeles: The Cluster

- One course in Foundations of the Arts and Humanities – Literary and Cultural Analysis
- One course in Foundations of Society and Culture – Historical Analysis
- One course in Foundations of Society and Culture – Social Analysis

70A-70B-70CW/70DW. Evolution of Cosmos and Life

- One course in Foundations of Scientific Inquiry – Life Sciences
- One course in Foundations of Scientific Inquiry – Physical Sciences
- One course in Foundations of Scientific Inquiry – Life Sciences or Physical Sciences (depends on the seminar chosen)

71A-71B-71CW. Biotechnology and Society

- One course in Foundations of the Arts and Humanities – Philosophical and Linguistic Analysis
- One course in Foundations of Scientific Inquiry – Life Sciences
- One course in Foundations of Scientific Inquiry – Life Sciences

72A-72B-72CW. Sex from Biology to Gendered Society

- One course in Foundations of Scientific Inquiry – Life Sciences
- Two courses in Foundations of Society and Culture – Social Analysis

80A-80B-80CW. Frontiers in Human Aging: Biomedical, Social, and Policy Perspectives

- One course in Foundations of Scientific Inquiry – Life Sciences
- Two courses in Foundations of Society and Culture – Social Analysis