

Henry Samueli School of Engineering and Applied Science General Education Requirements

For Students Entering Fall Quarter 2005 and Thereafter

Updated July 2009

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

In addition to general education requirements, students must complete the following school requirements: Writing I and engineering writing, technical breadth, and ethics. 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. Engineering writing and ethics requirement courses also approved for GE credit may be applied toward the relevant GE foundational areas.

Students must meet with a counselor in the Office of Academic and Student Affairs to determine the applicability of GE Cluster courses toward the engineering writing 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 or one course from Biomedical Engineering CM145/Chemical Engineering CM145, Chemistry and Biochemistry 153A, or 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: 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

Asian American Studies

- 30. Asian American Literature and Culture
- 30W. Asian American Literature and Culture **(W)**

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
- 40W. Reading Greek Literature: Writing-Intensive **(W)**
- 41W. Reading Roman Literature: Writing-Intensive **(W)**
- *42. Cinema and Ancient World
- *51A. Art and Archaeology of Ancient Greece
- *51B. Art and Archaeology of Ancient Rome
- *87GE. General Education Seminar Sequences
- *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 **(W)**
- 2BW. Survey of Literature: Middle Ages to 17th Century **(W)**
- 2CW. Survey of Literature: Age of Enlightenment to 20th Century **(W)**

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

English Composition

- 5W. Literature, Culture, and Critical Inquiry **(W)**

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 Present
- *56. Figures Who Changed 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 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
- *7. Saint and Heretic: Joan of Arc and Gilles de Rais, History and Myth
- 10. Colonial Legacies: Childhood and Islam in Francophone Africa
- 11W. Postmodern Culture **(W)**
- 13. Fantastic Voyage: From Homer to “2001”
- *26. Representing Medicine: Art, Literature, and Film
- 59W. Literature and Culture of the American South **(W)**
- *62. Community and Self-Interest in History of American Culture
- 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
- 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)

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

- 10W. Language in Action: Perspectives from Applied Linguistics (W)
- 30. Language and Social Interaction
- *30W. Language and Social Interaction (W)
- *40. Language and Gender: Introduction to Gender Differences and Stereotypes
- *40W. Language and Gender: Introduction to Gender and Stereotypes (W)
- 80. Language in Globalizing World: Second Language Interaction in Everyday Life and Academia
- 80W. Language in Globalizing World: Second Language Interaction in Everyday Life and Academia (W)
- *88GE. Sophomore Seminar: Special Topics in Applied Linguistics
- 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

Chinese (Asian Languages)

- 60. Introduction to Chinese Religions

Classics

- *148. Early Greek Medicine and Thought
- 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)

English Composition

- 6W. Language, Culture, and Discourse (W)

German (Germanic Languages)

- *56. Figures Who Changed 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

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

Molecular, Cell, and Developmental Biology

- 60. Biomedical Ethics

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)

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

Afro-American Studies

- M107. Cultural History of Rap (Same as Ethnomusicology M119)
- 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

Arts and Architecture

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

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Chicana and Chicano Studies

- *10A. Introduction to Chicana/Chicano Studies: History and Culture
- M108A. Music of Latin America: Mexico, Central America, and Caribbean Isles (Same as Ethnomusicology M108A)
- M116. Chicano/Latino Music in U.S. (Same as Ethnomusicology M116)

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 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 World
- 25. Global Pop
- *30. Music and Media
- *35. Blues, Society, and American Culture
- *40. Music and Religion
- 45. Music of Bollywood and Beyond
- 50A, 50B. Jazz in American Culture
- M108A. Music of Latin America: Mexico, Central America, and Caribbean Isles (Same as Chicana and Chicano Studies M108A)
- 108B. Music of Latin America: Latin South America
- M110A, M110B. African American Musical Heritage (Same as Afro-American Studies M110A, M110B)
- M116. Chicano/Latino Music in U.S. (Same as Chicana and Chicano Studies M116)
- M119. Cultural History of Rap (Same as Afro-American Studies M107)
- 136A. Music of Africa

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
- 110A. American Television History
- 112. Film and Social Change
- 114. Film Genres

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
- 68. The Beatles
- 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: 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 Greeks
- *20. Discovering Romans
- *87GE. General Education Seminar Sequences
- *88GE. General Education Seminar Sequences

Geography

- 4. Globalization: Regional Development and World Economy

German (Germanic Languages)

- *56. Figures Who Changed 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, Prehistory to Circa A.D. 843
- 1AH. Introduction to Western Civilization: Ancient Civilizations, 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 Present
- 1CH. Introduction to Western Civilization: Circa 1715 to Present (Honors)
- *2B. Social Knowledge and Social Power
- 2C. Religion, Occult, and Science: Mystics, Heretics, and Witches in Western Tradition, 1000 to 1600
- 2D. Religion, Occult, and Science: Science, Magic, and Religion, 1600 to 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 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 Present

- *88GE. Sophomore Seminar: Special Topics in History

Honors Collegium

- *7. Saint and Heretic: Joan of Arc and Gilles de Rais, History and Myth
- *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
- *58. Time in Society and History
- *62. Community and Self-Interest in History of American Culture
- *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

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

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

Scandinavian

- *138. Vikings

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

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- 9. Culture and Society
- 33. Culture and Communication

Applied Linguistics

- *30W. Language and Social Interaction (W)
- *40. Language and Gender: Introduction to Gender Differences and Stereotypes
- *40W. Language and Gender: Introduction to Gender and Stereotypes (W)
- *88GE. Sophomore Seminar: Special Topics in Applied Linguistics

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

Design I Media Arts

- 8. Interact! Media, Art, and Society

Ethnomusicology

- *30. Music and Media

Geography

- 3. Cultural Geography
- 6. World Regions: Concepts and Contemporary Issues
- *7. Introduction to Geographic Information Systems

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

- 36. Gender, Work, and Family: Public Policy Challenge
- *51. Music and Society
- *58. Time in Society and History
- *147. Feminism Around the World: Past and Present

Human Complex Systems

- 10A. Introduction to Complex Systems Science

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)
- *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)

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

Scandinavian

- *138. Vikings

Slavic (Slavic Languages)

- *40. Christianities East and West

Society and Genetics

- *102W. DNA: Promise and Peril (W)

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

Statistics

- 12. Introduction to Statistical Methods for Geography and Environmental 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 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)
- 17. Evolution for Everyone (5 units)
- 25. Marine Biology (5 units)

Geography

- 2. Biodiversity in a Changing World (5 units)
- 5. People and the Earth's Ecosystems (5 units)
- *7. Introduction to Geographic Information Systems

88GE. Seminar Sequence: Special Topics in Geography (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

- 5. Science of Memory and Learning (4 units)
- 6. Microbiology for Nonmajors (4 units)
- 7. Developments in Biotechnology (4 units)
- 12. Biological Threats to Society: Bioterrorism and Emerging Infections (4 units)

Molecular, Cell, and Developmental Biology

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

Society and Genetics

- 101. Genetic Concepts for Human Sciences (5 units)
- *102W. DNA: Promise and Peril (5 units) (W)

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. See <http://www.college.ucla.edu/ge/clusters/>.

Students must meet with a counselor in the Office of Academic and Student Affairs to determine the applicability of GE Cluster courses toward the engineering writing 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 an engineering writing require-

ment. See <http://www.registrar.ucla.edu/soc/writing.htm> for details of the Writing I 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 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

25A-25B-25CW. Politics, Society, and Urban Culture in East Asia

- 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

30A-30B-30CW. Never-Ending Stories: Multidisciplinary Perspectives on Myth

- One course in Foundations of the Arts and Humanities – Literary and Cultural Analysis
- One course in Foundations of the Arts and Humanities – Philosophical and Linguistic 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

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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