



LIBERAL STUDIES

BACHELOR OF ARTS SUBJECT MATTER PROGRAM

PROGRAM DESCRIPTION

The Liberal Studies major is an interdisciplinary major designed primarily for students who intend to become teachers in elementary schools. It is one of the approved waiver program for the Multiple Subjects Credential under the California credential law (the Ryan Act). The program may also be appropriate for students seeking a wide-ranging major in the arts, humanities, natural sciences, and behavioral sciences, who do not plan to enter the teaching profession. The largest portion of the major comprises the Core section, covering Language and Literature, Mathematics, Natural Science, Social Science and Humanities, Visual and Performing Arts, Physical Education, Human Development, and Foreign Languages. In addition, the major requires a concentration, which is a 12-unit area of focus where the student can develop knowledge in a discipline of special interest.

The Liberal Studies Major is a complex program requiring early and continuing contact with an advisor. The Core consists of 80 - 95 units; the Concentration of 12 units; and university graduation requirements of 9 - 12 units; for an overall total of 101 - 119 units. This represents the bulk of the units (124) required to earn a Bachelor of Arts Degree. **Students are urged to obtain advice as early as possible to avoid delays in the completion of the graduation requirements.** Liberal Studies Advisors' offices are maintained in Building TRR, Room 3, 278-6342. Early planning is equally important for successful articulation of this major with the Professional Education Program. Information about Teacher Education may be obtained in the Education Student Service Center (Education Building, Room 216, 278-6174).

FACULTY ADVISORS

Tim Hallinan, *Coordinator of Advisors*

Tim Hallinan, *Geography*; ; Melanie Loo, *Biology*; Charles Nelson, *English*; Gary Shannon, *Mathematics*; Susan Wanlass, *English*; Len Wycosky, *EOP*

Program Office, TRR-3, 278-6342

The Liberal Studies advisor will explain, during the initial advising meeting when the program planning form is completed, the different features of the major, the graduation requirements, and the various concentration options. In addition, the advisor will provide an orientation to the Professional Education Program for those students planning to become teachers.

CAREER POSSIBILITIES

The Liberal Studies major is interdepartmental and is designed primarily for students who intend to become teachers in elementary schools. There are those students, however, whose Liberal Studies major provides a breadth of training for a variety of career fields other than teaching. These fields require a college degree, but without a specific major.

MAJOR REQUIREMENTS • BA

Total units required for BA: 124

Total units required for Major: 92-110

Courses in parentheses are prerequisites.

A. Core Requirements (80 - 98 units)

1. Language and Literature (18 units)

- (3) COMS 4 Introduction to Public Speaking **OR**
- COMS 5 The Communication Experience
- (3) ENGL 16 Structure of English
- (3) ENGL 116A Studies in Applied Linguistics
- (3) ENGL 116B Children's Literary Classics
- (3) ENGL 20 Expository Writing
- (3) Select one of the following, with advisor approval:
 - COMS 104 Persuasive Public Speaking (COMS 2, 4 or permission of instructor)
 - COMS 105 Communication in Small Groups
 - COMS 119 Conflict Resolution Through Communication
 - ENGL 30 Introduction to Creative Writing
 - ENGL 110 Studies in Linguistics
 - ENGL 110A Linguistics and English Language
 - ENGL 110C Modern Grammar
 - ENGL 110J Traditional Grammar & Standard English
 - ENGL 110N Living Language
 - ENGL 111 Classics of the English Language (ENGL 1A, 11 or equivalent, or permission of instructor)
 - ENGL 118A Intermediate Composition (ENGL 1A with a grade "C" or better)
 - ENGL 120A Advanced Composition
 - ENGL 130 Studies in Creative Writing
 - ENGL 140 Studies in British Literature
 - ENGL 150 Studies in American Literature
 - ENGL 170 Studies in Literary Genres & Modes
 - ENGL 190 Proseminar in EnglishOr any course taught by the English Department and approved for Advanced Study.

2. Mathematics (9 units)

- (3) MATH 17 An Introduction to Exploration, Conjecture & Proof in Mathematics (Intermediate Algebra Diagnostic Test)
- (3) MATH 107A Fundamental Mathematical Concepts (MATH 17, Intermediate Algebra Diagnostic Test)
- (3) MATH 107B Fundamental Mathematical Concepts (MATH 107A)

Note: Students who complete a mathematics concentration may substitute MATH 30, MATH 31, and MATH 35 for the above requirements.

3. Natural Science (14 - 19 units)

a. Biological Science (5 units)

- (4) BIO 5 General Biology
- (1) BIO 108 Laboratory Investigations (BIO 5, PHYS 7; CHEM 106 may be taken concurrently)

b. Earth and Space Science (4-5 units)

- (3) GEOL 8 Earth Science
- (1-2) GEOL 118 Earth Science Activities (GEOL 8) **OR**
- GEOL 50 Rocks, Minerals, Fossils

c. Physical Science (5-9 units)

- (3) CHEM 106 Chemical Concepts
- (0-4) Select one of the following:
 - PHYS 5A General Physics: Mechanics, Heat & Sound
 - PHYS 7 Basic Concepts in Physics (Intermediate Algebra Diagnostic Test)
 - Physical Science Proficiency Exam
- (2) PHYS 100 Concepts in Physics (PHYS 7, MATH 17 or a passing score on the Intermediate Algebra Diagnostic Test)

4. Social Science and Humanities (24 units)

- (3) HIST 17A United States History, 1607-1865 **OR**
- HIST 17B United States History, 1865-present
- (3) Select one of the following:
 - HIST 162 Social History of the United States
 - HIST 167 History of American Women
 - HIST 177 The African-American Experience, 1603-present
 - HIST 182 American West
- (6) Select one of the following course sets:
 - HIST 50 World Civilizations, Beginnings to 1600 **AND**
 - HRS 11 Introduction to the Humanities, II
 - HIST 50 World Civilizations, Beginnings to 1600 **AND**
 - HRS 105 Approaches to the Humanities
 - HIST 51 World Civilizations, 1600 to present **AND**
 - HRS 10 Introduction to Humanities, I
- (3) ECON 1A Introduction to Macroeconomic Analysis **OR**
- ECON 104 Intro. to the United States Economy
- (3) GEOG 100 Themes in World Geography
- (3) GOVT 35 World Politics **OR**
- GOVT 112 Current Political Thought
- (3) Select one course approved for the Race and Ethnicity in American Society requirement

5. Visual & Performing Arts (9-12 units)

- (3) MUSC 8* Basic Music
- (3) MUSC 101 Experiences in Music (MUSC 8)
- * A Music Proficiency Exam may be substituted.
- (3) Select one of the following:
 - ART 133 Understanding & Creating Art
 - ART 137 Art for Exceptional Children
 - ART 138 Barrio Art for Ethnic Groups
- (3) Select one of the following:
 - DRAM 115 Puppetry
 - DRAM 115A Multicultural Puppetry
 - DRAM 117 Fundamentals of Recreational Drama
 - DRAM 118 Children's Theater

6. Physical Education (3 units)

- (3) PE 172 Movement Education

7. Human Development (3 units)

- (3) Select one of the following:
 - CHDV 30 Human Development
 - HUES 52 The Child in the Family
 - SWRK 125A Human Behavior/Social Environment
 - PSYC 148 Child Psychology (PSYC 1 or 5)

8. Foreign Language (0-10 units)

One year of college level foreign language or equivalent (e.g. two years of high school foreign language study, equivalency exam) for those with catalog rights before Fall 1992. Those with catalog rights Fall 1992-present must meet new University-wide requirements. Consult an advisor for more information.

B. Concentration (12 units)

Select one of the following concentrations. All concentrations require a minimum of 12 units.

Note: courses taken to satisfy concentration requirements cannot duplicate courses taken to satisfy core requirements.

1. Language

Select one of the following emphases:

a. Literature Emphasis

(6) Select two of the following:

- CHIN 150 Survey of Chinese Literature
- ENGL 140 Studies in British Literature
- ENGL 150 Studies in American Literature
- GERM 141 German Mythology & Legend
- GERM 142 German Folk Literature, Legend & Lore
- HRS 130 Classical Mythology
- HRS 174 Modern Japanese Literature & Culture
- HRS 176 Islamic & Arabic Culture

(3) Select one of the following:

- ENGL 170 Studies in Literary Genres
- ENGL 171 Literature & Ideas
- ENGL 175 Studies in the Intellectual Backgrounds of Literature
- ENGL 180 Studies in the Literature of Ethnic Minorities
- ENGL 185 Studies in Women's Literature
- ENGL 190 Proseminar in English

(3) an additional three unit course from one of the above areas.

b. Linguistics and Composition Emphasis

- (3) ENGL 110A Studies in Linguistics
- (3) ENGL 110 any other course in the ENGL 110 series
- (3) ENGL 120A Advanced Composition
- (3) ENGL 120 any other course in the ENGL 120 series

c. Foreign Language Emphasis

Complete the minor requirements in a foreign language.

2. Mathematics

(See core requirements in Mathematics)

- (3) MATH 102 Number Theory (MATH 31)
- (3) MATH 108 Introduction to Formal Mathematics (MATH 31 and 35)
- (3) MATH 121 College Geometry (MATH 31; and 32 or 35)
- (3) MATH 190 History of Mathematics (MATH 31)

3. Natural Science

(12) Select twelve units selected from the following:

- ANTH 151 Human Paleontology (ANTH 1, 1A, or permission of instructor)
- ANTH 154 Primatology
- ASTR 4 Introduction to Astronomy (one year of high school geometry or permission of instructor)
- ASTR 132 Stars, Galaxies & Cosmology (Passing score on WPE)
- BIO 102 The Natural History of Plants
- BIO 103 Plants & Civilization (BIO 110 or equivalent)
- BIO 106 Genetics from Mendel to Molecules
- BIO 109 Readings in Biological Sciences (BIO 12)
- GEOG 103 Map & Air Photo Interpretation
- GEOG 111 Elements of Meteorology (GEOG 1 or permission of instructor)

- GEOG 117 Land Forms (GEOG 1 or permission of instructor)
- GEOL 121 Geology of California (GEOL 1 or permission of instructor)
- GEOL 130 Oceanography
- GEOL 140 Geology & the Environment
- GEOL 170 Geology of the Planets (an introductory Geology course or permission of instructor)
- GEOL 184 Geological Field Trip (GEOL 10 or other Geology course with approval of instructor)
- HUES 113 Nutrition & Metabolism (Chem 1A or 6A; BIO 10 or 20. Passing score on WPE)
- PHIL 125 Philosophy of Science
- PHSC 107 History of the Physical Sciences

4. History

- (3) HIST 183A California History 1542-1860 **OR**
- HIST 183B California History 1860-1970
- (3) Select one of the following, not chosen for core requirement:
 - HIST 161 The American Vision
 - HIST 162 Social History of the United States
 - HIST 167 History of American Women
 - HIST 177B The African American Experience, 1603-present
- (3) Select one of the following:
 - HIST 111 Ancient Greece
 - HIST 112 Ancient Rome
 - HIST 114A Medieval Europe I
 - HIST 114B Medieval Europe II
 - HIST 115 The Renaissance & Reformation in Europe
 - HIST 116 Europe in the Enlightenment
 - HIST 122A History of Women in Western Civilization: Prehistory – Middle Ages
 - HIST 122B History of Women in Western Civilization: Renaissance-present
- (3) Select one course from the History 130-140 series

5. Social Science

- (3) Select one of the following:
 - PSYC 107 Controversial Issues in Psychology
 - SOC 140 Sociological Issues in Schooling Americans
 - (3) Select one of the following:
 - ECON 114 The California Economy (ECON 1A; ECON 116 recommended)
 - ENVS 110 Contemporary Environmental Issues
 - GEOG 131 California
 - GOVT 180* California State & Local Government
 - HIST 183B California History, 1860-1970
 - (3) Any course approved for the Race and Ethnicity in American Society requirement not chosen for the core requirements
 - (3) Any upper division course approved in the 1983/84 to Present Pattern, Area D1(b), World Civilizations
- *If not taken to meet graduation requirement in American Institutions

6. Multicultural

Students selecting this Concentration must take the following prerequisites as part of the core: ART 138, DRAM 115A, and ETHN 100 or HIST 186. For the Spanish Emphasis, ENGL 180G must also be taken for the core. Select one of the following emphases:

a. *Bilingual/Crosscultural Asian Emphasis*

- (6) Select two of the following:
ETHN 110 Asian Americans: Status & Identity
ETHN 111 Southeast Asians in the U.S.
ANTH 147 Peoples of South East Asia
- (3) Select one of the following:
ENGL 110 Studies in Linguistics
LING 130 Introduction to Language & Linguistics
- (3) EDBM 170 Introduction to Bilingual Education

b. *Bilingual/Crosscultural Spanish Emphasis*

- (6) Select two of the following:
ETHN 130 Chicano Studies: Perspectives & Paradigms
ETHN 131 La Raza Studies
ANTH 106 Culture & Personality of the Chicano Child
any similar course approved by the Bilingual Liberal Studies advisor
- (3) Select one of the following:
ENGL 110 Studies in Linguistics
LING 130 Introduction to Language & Linguistics
- (3) EDBM 170 Introduction to Bilingual Education

c. *Ethnic Studies Emphasis*

- (3) ETHN 100 Ethnic America
- (3) HIST 186 Ethnic Minorities in California History
- (3) SOC 120 Ethnic & Race Relations
- (3-12) Select units as needed to total twelve units for the emphasis from courses taught by the Ethnic Studies Department or from cross-listed courses in English, History, Humanities and Religious Studies, Sociology, etc., which deal with one of the following ethnic groups: Asian Americans, Chicanos, Native Americans, or African Americans.

7. Visual and Performing Arts

Select one of the following emphases:

a. *Art Emphasis*

Note: at least nine of the twelve units for this emphasis must be upper division courses.

- (3) Select one of the following:
ART 7 Art Appreciation
ART 102 Aesthetics & Criticism
ART 109 20th Century Art (ART 1B or equivalent)
ART 110 American Art (ART 1B or equivalent)
ART 122A Primitive Art & Mythology
ART 113B Oriental Art & Mythology
ART 113C Occidental Art & Mythology
ART 113D Creative Art & Mythology
HRS 163 Arts & Ideas in American Culture, I
HRS 164 Arts & Ideas in American Culture, II
- (3) Select one of the following:
ART 20A Beginning Drawing
ART 21 Painting (ART 20 or equivalent CAN ART 10)
ART 50 Beginning Ceramics
ART 53 Beginning Hand-built Ceramics
ART 70 Form, Space & Vision

- ART 121 Advanced Painting (ART 21 or equivalent)
ART 153 Hand-built Ceramic Techniques (ART 53 or permission of instructor)
ART 160 Photography in the Arts
PHOT 40 Basic Techniques of Photography
- (3) Select one of the following:
ART 100 Origins of American Indian Art
ART 132 Early Childhood Art
ART 133 Understanding & Creating Art
ART 137 Art for Exceptional Children
ART 138 Barrio Art for Ethnic Groups
WOMS 146 Women in Art
- (3) another course from one of the areas above

b. *Drama Emphasis*

- (3) DRAM 9 Appreciation of Acting **OR**
DRAM 16 Stagecraft
- (3) DRAM 107 Directing (DRAM 2, 3, 11A, 16, 20, or permission of instructor)
- (3) DRAM 118** Children's Theatre
- (3) Select one of the following:
DRAM 102 Modern Drama in Production
DRAM 140 From Shuffle to Stride: Black Theatre Literature
DRAM 173B Chicano Theatre: Drama, Life, Art
- ** If DRAM 118 was chosen for the core requirements, select one of the following: DRAM 115, 115A, 117, or 162.

c. *Music Emphasis*

- (3) Select three units from the following:
MUSC 12 Piano: Elementary Class Instruction
MUSC 17 Voice: Beginning Class Instruction
MUSC 32 Piano: Intermediate (Approval by applied area committee and permission of instructor)
MUSC 37 Voice: Intermediate (Approval by applied area committee and permission of instructor)
MUSC 39 Beginning Folk Guitar
MUSC 132 Piano: Advanced (Approval by applied area committee and permission of instructor)
MUSC 137 Voice: Advanced (Approval by applied area committee and permission of instructor)
MUSC 142 series any course from this series
- (9) Select nine units from the following:
MUSC 118C Popular Contemporary Music
MUSC 119 World Music
MUSC 123 Canadian Society & Its Music
MUSC 127 The American Musical Theatre
MUSC 129 American Society & Its Music

8. Health and Physical Education

Select one of the following emphases:

a. *Motor Skill Development Emphasis*

- (3) PE 158 Motor Learning **OR**
BIO 22 or equivalent
- PE 176 Perceptual Motor Development
- (6) Select six units from the following:
PE 112 Analysis of Folk, Square & Ballroom Dance
PE 141 Analysis of Gymnastics
PE 143B Analysis of Creative Dance Forms
PE 144A Analysis of Basketball
PE 144B Analysis of Flag Football
PE 144C Analysis of Soccer
PE 144D Analysis of Softball

- PE 144E Analysis of Volleyball
- PE 145C Analysis of Track & Field
- PE 145E Analysis of Tennis

b. Fitness and Wellness Emphasis

(3) Select three units from the following:

- HS 122 Mental Health
- HUES 113 Nutrition & Metabolism
- HUES 115 Nutrition in the Life Cycle
- PE 62 Exercise for Fitness
- PE 68 Beginning Weight Training
- PE 91 Creative Aerobic Fitness I
- PE 120 Scientific Basis of Physical Conditioning
- PE 150 Applied Exercise Physiology
- RLS 100 Recreation & Leisure Life Styles

(3) Select one of the following:

- HS 130 Alcohol & Drugs
- HS 112 Disease Prevention
- PSYC 117 Drugs & Behavior
- PSYC 136 AIDS: A Broad Perspective
- PSYC 137 Stress Management
- WOMS 133 Women's Health Care Movement

(3) Select one of the following:

- HS 126 School Health
- NURS 163 Holistic Approach to Aging (Passing score on WPE)
- PSYC 119 The Aging Brain (PSYC 1, 101)
- SOC 166 The Family
- SOC 168 Self & Society (Passing score on WPE)

(3) Select one of the following:

- HS 134 Human Sexuality
- NURS 160 Human Sexuality Birth to Death
- PSYC 134 Psychology & Human Sexuality (PSYC 1 or 5)

an additional three unit course from one of the areas above

(3) Select one of the following:

- CHDV 141 Infant-Toddler Development & Care (Cross-listed as HUES 157)
- CHDV 138 Childhood Growth & Development II (CHDV 133; may be taken concurrently)
- HUES 150 Families Under Stress (HUES 50 or permission of instructor. Passing score on WPE)
- HUES 154 Issues in Parenting (HUES 52, CHDV 30 or permission)
- SOC 166 The Family

(1-3) Additional units from the following as needed to obtain the 12 unit total for the concentration:

- CHDV 131 Fieldwork in Child Development (CHDV 137)
- CHDV 132 Language & Learning (CHDV 137, 138; and senior standing or permission of instructor)
- CHDV 139 Educational Play: Theory & Practice
- HUES 10 Nutrition & Wellness
- HUES 50 Family Development
- HUES 153 Experience with Young Children (a course in child development)
- HUES 155 Family Life Education
- HUES 195B Internship at the Child Study Center (demonstrated experience with younger children and permission of instructor)
- NURS 160 Human Sexuality: Birth to Death
- SWRK 153 Child Welfare Services
- PE 176 Perceptual Motor Development
- PSYC 195B Fieldwork in Child Observation (PSYC 148 or equivalent)
- PSYC 185 Psychology of Exceptional Children (PSYC 1)

9. Human Development Concentration

Note: the core requirement in Human Development must be completed before beginning coursework in the concentration.

(3) CHDV 133 Research in Human Development

(3) Select one of the following:

- CHDV 137 Childhood Growth & Development I (CHDV 133; may be taken concurrently)
- CHDV 141 Infant-Toddler Development & Care (Cross-listed as HUES 157)
- HUES 159 Aging & the Family (a human development course or permission of instructor)
- PSYC 149 Psychology of Adolescence (PSYC 1 or 5)
- PSYC 150 Psychological Aspects of Aging (PSYC 1 or 5)