



SACRAMENTO
STATE

Program Proposal Form B

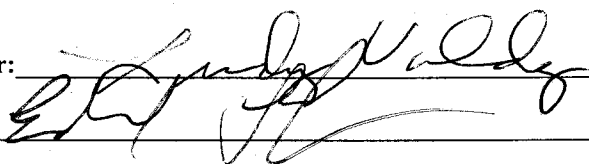


Academic Group (College): Social Sciences and Interdisciplinary Studies	Date of Submission to College Dean: 3/19/09
Academic Organization (Department): Liberal Studies	Requested Effective: Fall_X_, Spring __, 20_09_.
Department Chair: Lindy Valdez	Contact if not Department Chair: Gary Shannon
Title of the Program (Please be specific; indicate minor, undergraduate or graduate degree, etc.): Undergraduate Degree in Liberal Studies	
Type of Program Proposal: <input checked="" type="checkbox"/> Modification in Existing Program: ___ Substantive Change <input checked="" type="checkbox"/> Non-Substantive Change ___ Deletion of Existing Program ___ New Programs ___ Initiation (Projection) of New Program on to Master Plan ___ New Degree Programs ___ Regular Process ___ Fast Track Process ___ Pilot Process ___ New Minor, Concentration, Option, Specialization, Emphasis ___ New Certificate Program	
PLEASE NOTE: Form B is to be used only as a Cover Form. Additional information is requested for each of the above as noted in the corresponding procedure in the Policies and Procedures for Initiation, Modification, Review and Approval of Courses and Academic Programs found at http://www.csus.edu/umannual/acad.htm	
Briefly describe the program proposal (new or change) and provide a justification. Math 196H has been replaced by Math 107C. "Math 196H" was the number used when the course was offered as an experimental course, but it has been approved as a regular course offering, with the new number of Math 107C, and the title of "Elementary Mathematics and the Learning Process" EDTE 101A/B is an additional option for satisfying the Field Experience Requirement	

Approvals:

Department Chair: _____


Date: _____



4/27/09

College Dean: _____

Date: _____



4/28/09

University Committee: _____

Date: _____

**Associate Vice President and Dean
for Academic Affairs:** _____

Date: _____

09/10/2008

Procedures for Submitting Substantive Program Change Proposals

1. Complete Form B.
2. Indicate programmatic or fiscal impact which this change will have on other academic units' programs, and describe the consultation that has occurred with affected units. Attach a copy of correspondence with these units. **There is little to no fiscal impact to other units. Math 196 H, an experimental course, has been offered for the last couple of years, once each year. The Math107C which will now replace it is the same class only with a permanent number. The EDTE 101A/B is an additional option for satisfying the Field Experience requirement and has been used for the last three years as a substitute for this requirement since two of the three offering in this area have not been taught by the departments that have these classes.**
3. Provide a fiscal analysis of the proposed changes.
 - a. How will the above changes be accommodated within the department/College existing fiscal resources? **The students have been in these classes for the last three years so the accommodations in terms of student enrollment will remain constant.**
 - b. If the proposed changes will require additional resources, describe the level and nature of additional funding the College will seek for the program changes. **No additional resources needed.**
 - c. What additional space, equipment, operating expenses, library, computer, or media resources, clerical/technical support, or other resources will be needed? Estimate the cost and indicate how these resource needs will be accommodated. **No additional resources will be necessary.**
1. List side by side the old program requirements as presented and the new program requirements as they will be presented in the University catalog. Use your exact current catalog copy; present exact catalog copy for proposed modifications. Show corresponding courses on the same line marking blank lines where appropriate with an "+++++." The following is an example:

The Liberal Studies Program wants to make the following changes in its undergraduate major:

NEW PROGRAM	OLD PROGRAM
Minimum Units required for Major: 100 – 103 Minimum total units required for BA: 120 A minimum grade of "C-" is required in all courses applied to the Liberal Studies major.	Units required for Major: 100-103 Minimum total units required for BA: 120 A minimum grade of "C-" is required in all courses applied to the Liberal Studies major.
<i>Courses in parentheses are prerequisites.</i>	
A. Core Requirements (89-91 units), includes specific courses from eight disciplines:	
Reading, Language and Literature (18-21 units)	Reading, Language and Literature (18-21 units)
(3) <u>COMS 5</u> The Communication Experience (3) <u>ENGL 1A</u> College Composition (EPT score of 149 or above, or completion of <u>ENGL 1</u>) (3) <u>ENGL 16</u> Structure of English (<u>ENGL 1A</u> or equivalent) (3) <u>ENGL 20*</u> College Composition II (<u>ENGL 1A</u> with grade "C-" or better, or equivalent) (3) <u>ENGL 116A</u> Studies in Applied Linguistics (Passing score on the WPE) (3) <u>ENGL 116B</u> Children's Literary Classics (Passing score on the WPE) *Course to meet critical thinking requirement. See advisor for specific options.	(3) <u>COMS 5</u> The Communication Experience (3) <u>ENGL 1A</u> College Composition (EPT score of 149 or above, or completion of <u>ENGL 1</u>) (3) <u>ENGL 16</u> Structure of English (<u>ENGL 1A</u> or equivalent) (3) <u>ENGL 20*</u> College Composition II (<u>ENGL 1A</u> with grade "C-" or better, or equivalent) (3) <u>ENGL 116A</u> Studies in Applied Linguistics (Passing score on the WPE) (3) <u>ENGL 116B</u> Children's Literary Classics (Passing score on the WPE) *Course to meet critical thinking requirement. See advisor for specific options.
Mathematics (9 units)	Mathematics (9 units)
(3) <u>MATH 17</u> An Introduction to Exploration, Conjecture and Proof in Mathematics (<u>MATH 9</u> or three years of high school mathematics which includes two years of algebra and one year of geometry; completion of ELM requirement and the Intermediate Algebra Diagnostic Test) (3) <u>MATH 107A</u> Fundamental Mathematical Concepts (<u>MATH 17</u> and passing score on the Intermediate Algebra Diagnostic Test) (3) <u>MATH 107B</u> Fundamental Mathematical Concepts (<u>MATH 107A</u>) Note: Students who complete a mathematics concentration may substitute <u>MATH 30</u> , <u>MATH 31</u> , and <u>MATH 35</u> for the above requirements. In addition, there are other ways of completing a concentration in mathematics. For further information on a concentration in mathematics, please consult Gary Shannon.	(3) <u>MATH 17</u> An Introduction to Exploration, Conjecture and Proof in Mathematics (<u>MATH 9</u> or three years of high school mathematics which includes two years of algebra and one year of geometry; completion of ELM requirement and the Intermediate Algebra Diagnostic Test) (3) <u>MATH 107A</u> Fundamental Mathematical Concepts (<u>MATH 17</u> and passing score on the Intermediate Algebra Diagnostic Test) (3) <u>MATH 107B</u> Fundamental Mathematical Concepts (<u>MATH 107A</u>) Note: Students who complete a mathematics concentration may substitute <u>MATH 30</u> , <u>MATH 31</u> , and <u>MATH 35</u> for the above requirements. In addition, there are other ways of completing a concentration in mathematics. For further information on a concentration in mathematics, please consult Gary Shannon.
Natural Science (15 units)	Natural Science (15 units)
(4) <u>BIO 7</u> Introduction to the Science of Biology (3) <u>CHEM 106</u> Chemical Concepts (<u>GEOL 8</u> or <u>BIO 7</u> , <u>ENGL 20</u> or an equivalent second semester composition course) (3) <u>GEOL 8</u> Earth Science (1) <u>GEOL 8T</u> Earth Science Lab for Teachers (<u>GEOL 8</u> , may be taken concurrently) (4) <u>PHYS 107</u> Conceptual Physics and Scientific Inquiry (<u>BIO 7</u> , <u>CHEM 106</u> , <u>GEOL 8</u> , <u>MATH 17</u>)	(4) <u>BIO 7</u> Introduction to the Science of Biology (3) <u>CHEM 106</u> Chemical Concepts (<u>GEOL 8</u> or <u>BIO 7</u> , <u>ENGL 20</u> or an equivalent second semester composition course) (3) <u>GEOL 8</u> Earth Science (1) <u>GEOL 8T</u> Earth Science Lab for Teachers (<u>GEOL 8</u> , may be taken concurrently) (4) <u>PHYS 107</u> Conceptual Physics and Scientific Inquiry (<u>BIO 7</u> , <u>CHEM 106</u> , <u>GEOL 8</u> , <u>MATH 17</u>)
Social Science and Humanities (21 units)	Social Science and Humanities (21 units)
(3) <u>GEOG 100</u> Themes in World Geography (3) <u>GOVT 1</u> Essentials of Government (3) <u>HIST 17A</u> United States History, 1607-1877 (3) <u>HIST 50</u> World Civilizations, Beginnings to 1600 (3) <u>HIST 132</u> Topics in World History (<u>HIST 50</u>) (3) <u>HIST 187</u> or <u>ECON 104</u> Topics in U.S. History, 1600-1900 (<u>HIST 17A</u>) OR Introduction to the United States Economy (3) <u>LBST 110</u> California Studies (<u>GOVT 1</u> or equivalent)	(3) <u>GEOG 100</u> Themes in World Geography (3) <u>GOVT 1</u> Essentials of Government (3) <u>HIST 17A</u> United States History, 1607-1877 (3) <u>HIST 50</u> World Civilizations, Beginnings to 1600 (3) <u>HIST 132</u> Topics in World History (<u>HIST 50</u>) (3) <u>HIST 187</u> or <u>ECON 104</u> Topics in U.S. History, 1600-1900 (<u>HIST 17A</u>) OR Introduction to the United States Economy (3) <u>LBST 110</u> California Studies (<u>GOVT 1</u> or equivalent)
Visual and Performing Arts (9 units)	Visual and Performing Arts (9 units)
(3) <u>ART 133</u> Understanding and Creating Art (Upper division status; declared major in Child Development, Liberal Studies, or Blended Liberal Studies) (3) <u>MUSC 101</u> Experiences in Music (3) <u>THEA 118</u> Children's Theatre	(3) <u>ART 133</u> Understanding and Creating Art (Upper division status; declared major in Child Development, Liberal Studies, or Blended Liberal Studies) (3) <u>MUSC 101</u> Experiences in Music (3) <u>THEA 118</u> Children's Theatre
Physical Education (3 units)	Physical Education (3 units)
(3) <u>KINS 172</u> Movement Education	(3) <u>KINS 172</u> Movement Education
Health Science (2 units)	Health Science (2 units)
(2) <u>HLSC 136</u> School Health Education	(2) <u>HLSC 136</u> School Health Education
Human Development (3 units)	Human Development (3 units)
(3) <u>CHDV 35</u> Child and Adolescent Development	(3) <u>CHDV 35</u> Child and Adolescent Development
Integrative Study (3 units)	Integrative Study (3 units)
(3) <u>HRS 162</u> American Space and Identity	(3) <u>HRS 162</u> American Space and Identity
(3) <u>MATH 107C</u> Elementary Mathematics and the Learning Process	+++ +++++ +++++
Field Experience (5 units)	Field Experience (5 units)
(2) <u>CHDV 35F</u> Human Development and Elementary Field Experience (Corequisite: <u>CHDV 35</u>)	(2) <u>CHDV 35F</u> Human Development and Elementary Field Experience (Corequisite: <u>CHDV 35</u>)
(3) Select one of the following:	(3) Select one of the following:
<u>CHDV 148</u> Culture, Communication, and the Development of Thinking (Upper division status or instructor permission)	<u>CHDV 148</u> Culture, Communication, and the Development of Thinking (Upper division status or instructor permission)
<u>EDBM 194</u> Cooperative Education Experience (Approval of Department Chair)	<u>EDBM 194</u> Cooperative Education Experience (Approval of Department Chair)
<u>EDTE 103A</u> Tutoring Children in Reading (Corequisite: <u>EDTE 103B</u>) AND	<u>EDTE 103A</u> Tutoring Children in Reading (Corequisite: <u>EDTE 103B</u>) AND
<u>EDTE 103B</u> Tutoring Children in Reading Practicum (Corequisite: <u>EDTE 103A</u>)	<u>EDTE 103B</u> Tutoring Children in Reading Practicum (Corequisite: <u>EDTE 103A</u>)
<u>EDTE 101A</u> Tutoring Children in Mathematics (Corequisite: <u>EDTE 101B</u>) AND	+++ +++++ +++++

The Core Requirements for the non traditional program are similar to the Core Requirements for the traditional program except that there are a number of substitutions that can be made. Please see an advisor for more information.

Summative Assessment Requirement (0 units)

In compliance with California Commission on Teacher Credentialing standards, in order to receive subject matter competency certification, students who complete the Liberal Studies major must pass the California Subject Examination for Teachers (CSET).

Note: Students will need to meet the foreign language graduation requirement in effect as per their catalog year.

B. Requirements for Concentrations (for the traditional program)

Students who are following the non traditional program will complete a minor instead of a concentration. Please talk to an advisor for more information.

All concentrations require a minimum of 12 units, 3 of which may overlap with the core course requirements (except for concentration in multicultural studies). Students who wish to complete requirements for a supplementary authorization in any CCTC-approved discipline, which allows them to teach that subject in grades K-9, should see an advisor for important information. Select one of the following concentrations:

Linguistics/Composition

(3) ENGL 116A Studies in Applied Linguistics (Passing score on the WPE)

(9) Select three of the following:

ENGL 110J Traditional Grammar and Standard Usage
ENGL 110P Second Language Learning and Teaching
ENGL 110Q English Grammar for ESL Teachers
ENGL 120A Advanced Composition (Passing score on the WPE)
ENGL 125B Writing and the Young Writer

Literature

(3) ENGL 116B Children's Literary Classics (Passing score on the WPE)

(3) Select one of the following:

ENGL 50A Introduction to American Literature I
ENGL 150A Early American Literature
ENGL 150B American Romanticism (Passing score on the WPE)

(3) Select one from each of the following series:

ENGL 165 series course Literature of the English Speaking World
 ENGL 180 series course Studies in the Literature of Ethnic Minorities

(3) Select one from the following series:

ENGL 170 series course Studies in Literary Genres and Modes

Foreign Language

Complete the minor requirements in a foreign language.

United States History

(3) HIST 17A U.S. History, 1607-1877

(3) HIST 17B U.S. History, 1877-Present

(3) HIST 100 Introduction to Historical Skills

(3) Select one of the following:

HIST 150 Colonial America
HIST 151 The Age of the American Revolution
HIST 152 Young Republic, 1790-1840
HIST 153 Civil War and Reconstruction, 1840-1890
HIST 154 20th Century U.S., 1890-1940
HIST 183A California History, 1542-1860

World History

(3) HIST 50 World Civilizations: Beginnings to 1600

(3) HIST 51 World Civilizations: 1600-Present

(3) HIST 100 Introduction to Historical Skills

(3) Select one of the following:

HIST 110 The Ancient Near East: A Cultural History (Passing score on the WPE)
HIST 111 Ancient Greece
HIST 112 Ancient Rome
HIST 113 Early Medieval Europe
HIST 114 Europe in the High Middle Ages
HIST 115 The Renaissance and Reformation in Europe
HIST 116 Europe, 1648-1815, The Age of Revolution
HIST 122A History of Women in Western Civilization: Prehistory-Middle Ages (Passing score on the WPE)
HIST 126 Evolution of Christianity to the Reformation
HIST 143A Middle Eastern History to 1800
HIST 148A China: Antiquity to 1600 AD

California Studies

(3) ECON 114 The California Economy (ECON 1A and ECON 1B or ECON 104) OR

GEOG 131 California

(3) GOVT 180 California State and Local Government

(3) LBST 110 California Studies (GOVT 1 or equivalent)

(3) Select one of the following:

HIST 183A California History, 1542-1860
HIST 183B California History, 1860-1970

The Core Requirements for the non traditional program are similar to the Core Requirements for the traditional program except that there are a number of substitutions that can be made. Please see an advisor for more information.

Summative Assessment Requirement (0 units)

In compliance with California Commission on Teacher Credentialing standards, in order to receive subject matter competency certification, students who complete the Liberal Studies major must pass the California Subject Examination for Teachers (CSET).

Note: Students will need to meet the foreign language graduation requirement in effect as per their catalog year.

B. Requirements for Concentrations (for the traditional program)

Students who are following the non traditional program will complete a minor instead of a concentration. Please talk to an advisor for more information.

All concentrations require a minimum of 12 units, 3 of which may overlap with the core course requirements (except for concentration in multicultural studies). Students who wish to complete requirements for a supplementary authorization in any CCTC-approved discipline, which allows them to teach that subject in grades K-9, should see an advisor for important information. Select one of the following concentrations:

Linguistics/Composition

(3) ENGL 116A Studies in Applied Linguistics (Passing score on the WPE)

(9) Select three of the following:

ENGL 110J Traditional Grammar and Standard Usage
ENGL 110P Second Language Learning and Teaching
ENGL 110Q English Grammar for ESL Teachers
ENGL 120A Advanced Composition (Passing score on the WPE)
ENGL 125B Writing and the Young Writer

Literature

(3) ENGL 116B Children's Literary Classics (Passing score on the WPE)

(3) Select one of the following:

ENGL 50A Introduction to American Literature I
ENGL 150A Early American Literature
ENGL 150B American Romanticism (Passing score on the WPE)

(3) Select one from each of the following series:

ENGL 165 series course Literature of the English Speaking World
 ENGL 180 series course Studies in the Literature of Ethnic Minorities

(3) Select one from the following series:

ENGL 170 series course Studies in Literary Genres and Modes

Foreign Language

Complete the minor requirements in a foreign language.

United States History

(3) HIST 17A U.S. History, 1607-1877

(3) HIST 17B U.S. History, 1877-Present

(3) HIST 100 Introduction to Historical Skills

(3) Select one of the following:

HIST 150 Colonial America
HIST 151 The Age of the American Revolution
HIST 152 Young Republic, 1790-1840
HIST 153 Civil War and Reconstruction, 1840-1890
HIST 154 20th Century U.S., 1890-1940
HIST 183A California History, 1542-1860

World History

(3) HIST 50 World Civilizations: Beginnings to 1600

(3) HIST 51 World Civilizations: 1600-Present

(3) HIST 100 Introduction to Historical Skills

(3) Select one of the following:

HIST 110 The Ancient Near East: A Cultural History (Passing score on the WPE)
HIST 111 Ancient Greece
HIST 112 Ancient Rome
HIST 113 Early Medieval Europe
HIST 114 Europe in the High Middle Ages
HIST 115 The Renaissance and Reformation in Europe
HIST 116 Europe, 1648-1815, The Age of Revolution
HIST 122A History of Women in Western Civilization: Prehistory-Middle Ages (Passing score on the WPE)
HIST 126 Evolution of Christianity to the Reformation
HIST 143A Middle Eastern History to 1800
HIST 148A China: Antiquity to 1600 AD

California Studies

(3) ECON 114 The California Economy (ECON 1A and ECON 1B or ECON 104) OR

GEOG 131 California

(3) GOVT 180 California State and Local Government

(3) LBST 110 California Studies (GOVT 1 or equivalent)

(3) Select one of the following:

HIST 183A California History, 1542-1860
HIST 183B California History, 1860-1970

HIST 186

Ethnic Minorities in California History

American Studies

- (3) **HRS 161** Multicultural America
 (3) **HRS 162** American Space and Identity
 (3) **HRS 168/ HIST 168** Images of America (Passing score on the WPE)

(3) Select one of the following:

- HIST 161** American Vision
HIST 162 Social History of the U.S.
HIST 166 Popular Culture
HIST 167 History of American Women
HIST 169 Hollywood and America
HIST 182 American West
HRS 185 Women in Film and American Culture

Multicultural Studies (There is no overlap with core course requirements in this concentration.)

- (3) **EDBM 170** Bilingual Education: Introduction to Educating English Learners
 (3) **ETHN 11** Introduction to Ethnic Studies **OR**
ETHN 100 Ethnic America (Passing score on the WPE)

(6) Select two from any of the following categories or one from each of two categories:*

Chicano/Latino Emphasis

- ANTH 106** Culture and Personality of the Chicano Child
ETHN 30 Introduction to Chicano/Latino Studies
ETHN 130 Chicano/Mexican-American Experience
ETHN 131 La Raza Studies
ETHN 132 La Mujer Chicana
HIST 178 Mexican-American History

Asian American Emphasis

- ETHN 110** The Asian American Experience
ETHN 111 Southeast Asians in the U.S.

African American Emphasis

- ETHN 170** Pan African Studies
HIST 177 The African American Experience, 1603-Present

Native American Emphasis

- ETHN 140** Native American Experience
HIST 171 American Indian Ethnohistory

Women's Studies Emphasis

- HIST 167** History of American Women
WOMS 115 Introduction to Women's Studies
WOMS 136 Gender, Race and Class (Passing score on the WPE)
WOMS 137 Women of Color

*If planning to pursue a multiple subject credential with a Bilingual Emphasis (BCLAD) in Spanish or Asian languages, students must take two courses from Chicano/Latino Emphasis or Asian American Emphasis, respectively.

Mathematics*

- (3) **MATH 102** Number Theory (**MATH 31**)
 (3) **MATH 121** College Geometry (**MATH 31**; **MATH 32** or **MATH 35**)
 (3) **MATH 190** History of Mathematics (**MATH 31** and upper division standing in mathematics)
 (3) **MATH 107C** Elementary Mathematics and the Learning Process

The courses given above are one path for completing a mathematics concentration. There are other ways of completing a mathematics concentration – please consult Gary Shannon for more information.

Natural Science

- (3) **CHEM 106** Chemical Concepts (**GEOL 8** or **BIO 7**, **ENGL 20** or an equivalent second semester composition course)

(9) Select three of the following:

- ANTH 154** Primate Behavior
ASTR 4 Introduction to Astronomy (One year of high school geometry or instructor permission)
ASTR 132 Stars, Galaxies and Cosmology (**ASTR 4**, passing score on the WPE)
BIO 102 The Natural History of Plants (A college course in biology or instructor permission)
BIO 103 Plants and Civilization (**BIO 10** or equivalent)
BIO 106 Genetics: From Mendel to Molecules
CHEM 6A Introduction to General Chemistry (One year high school algebra)
CHEM 6B Introduction to Organic and Biological Chemistry (**CHEM 1A** or **CHEM 6A** or a high school chemistry course and passing a qualifying exam given in the first laboratory period)
GEOG 111 Elements of Meteorology (**GEOG 1** or instructor permission)
GEOG 113 Climate (Knowledge of general world distribution of

HIST 186

Ethnic Minorities in California History

American Studies

- (3) **HRS 161** Multicultural America
 (3) **HRS 162** American Space and Identity
 (3) **HRS 168/ HIST 168** Images of America (Passing score on the WPE)

(3) Select one of the following:

- HIST 161** American Vision
HIST 162 Social History of the U.S.
HIST 166 Popular Culture
HIST 167 History of American Women
HIST 169 Hollywood and America
HIST 182 American West
HRS 185 Women in Film and American Culture

Multicultural Studies (There is no overlap with core course requirements in this concentration.)

- (3) **EDBM 170** Bilingual Education: Introduction to Educating English Learners
 (3) **ETHN 11** Introduction to Ethnic Studies **OR**
ETHN 100 Ethnic America (Passing score on the WPE)

(6) Select two from any of the following categories or one from each of two categories:*

Chicano/Latino Emphasis

- ANTH 106** Culture and Personality of the Chicano Child
ETHN 30 Introduction to Chicano/Latino Studies
ETHN 130 Chicano/Mexican-American Experience
ETHN 131 La Raza Studies
ETHN 132 La Mujer Chicana
HIST 178 Mexican-American History

Asian American Emphasis

- ETHN 110** The Asian American Experience
ETHN 111 Southeast Asians in the U.S.

African American Emphasis

- ETHN 170** Pan African Studies
HIST 177 The African American Experience, 1603-Present

Native American Emphasis

- ETHN 140** Native American Experience
HIST 171 American Indian Ethnohistory

Women's Studies Emphasis

- HIST 167** History of American Women
WOMS 115 Introduction to Women's Studies
WOMS 136 Gender, Race and Class (Passing score on the WPE)
WOMS 137 Women of Color

*If planning to pursue a multiple subject credential with a Bilingual Emphasis (BCLAD) in Spanish or Asian languages, students must take two courses from Chicano/Latino Emphasis or Asian American Emphasis, respectively.

Mathematics*

- (3) **MATH 102** Number Theory (**MATH 31**)
 (3) **MATH 121** College Geometry (**MATH 31**; **MATH 32** or **MATH 35**)
 (3) **MATH 190** History of Mathematics (**MATH 31** and upper division standing in mathematics)
 (3) **MATH 196H** Experimental Offerings in Mathematics

The courses given above are one path for completing a mathematics concentration. There are other ways of completing a mathematics concentration – please consult Gary Shannon for more information.

Natural Science

- (3) **CHEM 106** Chemical Concepts (**GEOL 8** or **BIO 7**, **ENGL 20** or an equivalent second semester composition course)

(9) Select three of the following:

- ANTH 154** Primate Behavior
ASTR 4 Introduction to Astronomy (One year of high school geometry or instructor permission)
ASTR 132 Stars, Galaxies and Cosmology (**ASTR 4**, passing score on the WPE)
BIO 102 The Natural History of Plants (A college course in biology or instructor permission)
BIO 103 Plants and Civilization (**BIO 10** or equivalent)
BIO 106 Genetics: From Mendel to Molecules
CHEM 6A Introduction to General Chemistry (One year high school algebra)
CHEM 6B Introduction to Organic and Biological Chemistry (**CHEM 1A** or **CHEM 6A** or a high school chemistry course and passing a qualifying exam given in the first laboratory period)
GEOG 111 Elements of Meteorology (**GEOG 1** or instructor permission)
GEOG 113 Climate (Knowledge of general world distribution of

- climatic elements as given in an introductory physical geography course)
- GEOL 121 Geology of California (GEOL 10 or equivalent)
- GEOL 130 Oceanography
- GEOL 170 Geology of the Planets (An introductory Geology course Or instructor permission)
- PHSC 107 History of the Physical Sciences
- PHYS 30 Science and Pseudoscience
- PHYS 186 Musical Acoustics: Science and Sound

Art

- (3) ART 1A Art in the Western World: From Stone Age to End of Middle Ages OR
- ART 1B Art in the Western World: From Renaissance to Present
- (3) ART 133 Understanding and Creating Art (Upper division status; declared major in Child Development, Liberal Studies, or Blended Liberal Studies)
- (3) ART 137 Art for Exceptional Children
- (3) Select one of the following:
 - ART 20A Beginning Drawing
 - ART 53 Beginning Hand-Built Ceramics
 - ART 60 Two-Dimensional Composition
 - ART 70 Form, Space and Vision
 - ART 88 Beginning Sculpture
 - ART 148 Barrio Art for Ethnic Groups

Music

- (3) MUSC 5 Beginning Theory
- (3) MUSC 18 Music Appreciation
- (3) MUSC 101 Experiences in Music
- (3) MUSC 119A World Music: Asia OR
- MUSC 119B World Music: Africa OR
- MUSC 119C World Music: Latin America

Theatre

- (3) THEA 1 Introduction to Theatre OR
- THEA 9 Appreciation of Acting
- (3) THEA 115 Puppetry OR
- THEA 115A Multicultural Puppetry
- (3) THEA 117 Fundamentals of Recreational Theatre
- (3) THEA 118 Children's Theatre

Physical Education

Fundamental and Creative Movement Skills (6 units)

- (3) KINS 138 Teaching Strategies in Physical Education (Prerequisite or co-requisite to all KINS 140 series classes)
- (3) KINS 172 Movement Education

Human Movement, Motor Development and/or Motor Learning (3 Units)

- (3) Select one from the following:
 - KINS 150 Exercise and Sport Physiology
 - KINS 176 Perceptual Motor Development
 - KINS 177 Introduction to Adapted Physical Education

Team Sport (2 Units)

- (2) Select one from the following:
 - KINS 143 Analysis of Field Sports (Corequisite: KINS 138)
 - KINS 145 Analysis of Team Passing (Corequisite: KINS 138)

Individual, Dual, Nontraditional, Global Sport and Games (1-2 Units)

- (1-2) Select one from the following:
 - KINS 141 Analysis of Net Games (KINS 138)
 - KINS 146 Analysis of Aquatics (KINS 138)
 - KINS 147 Analysis of Self Defense (KINS 138)
 - KINS 148 Analysis of Nontraditional Games and Outdoor Activities (KINS 138)
 - KINS 149 Analysis of Health-Related Fitness (KINS 138)

Students must complete the above classes for this concentration. A total of 10 upper division units (one in each category) must be completed for the supplemental authorization credential for Physical Education. (This allows teachers to teach physical education in grades K-9.) A grade of "C" or higher is required in every course to meet this requirement for a California Commission on Teacher Credentialing approved Supplementary Authorization (if still available).

Human Development

- (3) CHDV 35 Child and Adolescent Development
- (3) CHDV 133 Research in Human Development (CHDV 30 or CHDV 35 and completion of 45 total units of credit)
- (3) CHDV 136 Developmental Experiences, Methods and Curriculum (Senior status or instructor permission)
- (3) Select one of the following:

- climatic elements as given in an introductory physical geography course)
- GEOL 121 Geology of California (GEOL 10 or equivalent)
- GEOL 130 Oceanography
- GEOL 170 Geology of the Planets (An introductory Geology course or instructor permission)
- PHSC 107 History of the Physical Sciences
- PHYS 30 Science and Pseudoscience
- PHYS 186 Musical Acoustics: Science and Sound

Art

- (3) ART 1A Art in the Western World: From Stone Age to End of Middle Ages OR
- ART 1B Art in the Western World: From Renaissance to Present
- (3) ART 133 Understanding and Creating Art (Upper division status; declared major in Child Development, Liberal Studies, or Blended Liberal Studies)
- (3) ART 137 Art for Exceptional Children
- (3) Select one of the following:
 - ART 20A Beginning Drawing
 - ART 53 Beginning Hand-Built Ceramics
 - ART 60 Two-Dimensional Composition
 - ART 70 Form, Space and Vision
 - ART 88 Beginning Sculpture
 - ART 148 Barrio Art for Ethnic Groups

Music

- (3) MUSC 5 Beginning Theory
- (3) MUSC 18 Music Appreciation
- (3) MUSC 101 Experiences in Music
- (3) MUSC 119A World Music: Asia OR
- MUSC 119B World Music: Africa OR
- MUSC 119C World Music: Latin America

Theatre

- (3) THEA 1 Introduction to Theatre OR
- THEA 9 Appreciation of Acting
- (3) THEA 115 Puppetry OR
- THEA 115A Multicultural Puppetry
- (3) THEA 117 Fundamentals of Recreational Theatre
- (3) THEA 118 Children's Theatre

Physical Education

Fundamental and Creative Movement Skills (6 units)

- (3) KINS 138 Teaching Strategies in Physical Education (Prerequisite or co-requisite to all KINS 140 series classes)
- (3) KINS 172 Movement Education

Human Movement, Motor Development and/or Motor Learning (3 Units)

- (3) Select one from the following:
 - KINS 150 Exercise and Sport Physiology
 - KINS 176 Perceptual Motor Development
 - KINS 177 Introduction to Adapted Physical Education

Team Sport (2 Units)

- (2) Select one from the following:
 - KINS 143 Analysis of Field Sports (Corequisite: KINS 138)
 - KINS 145 Analysis of Team Passing (Corequisite: KINS 138)

Individual, Dual, Nontraditional, Global Sport and Games (1-2 Units)

- (1-2) Select one from the following:
 - KINS 141 Analysis of Net Games (KINS 138)
 - KINS 146 Analysis of Aquatics (KINS 138)
 - KINS 147 Analysis of Self Defense (KINS 138)
 - KINS 148 Analysis of Nontraditional Games and Outdoor Activities (KINS 138)
 - KINS 149 Analysis of Health-Related Fitness (KINS 138)

Students must complete the above classes for this concentration. A total of 10 upper division units (one in each category) must be completed for the supplemental authorization credential for Physical Education. (This allows teachers to teach physical education in grades K-9.) A grade of "C" or higher is required in every course to meet this requirement for a California Commission on Teacher Credentialing approved Supplementary Authorization (if still available).

Human Development

- (3) CHDV 35 Child and Adolescent Development
- (3) CHDV 133 Research in Human Development (CHDV 30 or CHDV 35 and completion of 45 total units of credit)
- (3) CHDV 136 Developmental Experiences, Methods and Curriculum (Senior status or instructor permission)
- (3) Select one of the following:

<p><u>CHDV 135</u> Cross-Cultural Child Development (<u>CHDV 30</u> or <u>CHDV 35</u> and <u>CHDV 123</u> or <u>CHDV 133</u> either of which may be taken concurrently)</p> <p><u>FACS 50</u> The Family and Social Issues</p> <p><u>FACS 150</u> Family Stress and Coping: Multicultural Focus (<u>FACS 50</u> or equivalent with instructor permission; passing score on the WPE)</p> <p><u>SOC 169</u> Changing American Family</p>	<p><u>CHDV 135</u> Cross-Cultural Child Development (<u>CHDV 30</u> or <u>CHDV 35</u> and <u>CHDV 123</u> or <u>CHDV 133</u> either of which may be taken concurrently)</p> <p><u>FACS 50</u> The Family and Social Issues</p> <p><u>FACS 150</u> Family Stress and Coping: Multicultural Focus (<u>FACS 50</u> or equivalent with instructor permission; passing score on the WPE)</p> <p><u>SOC 169</u> Changing American Family</p>
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