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Articulation Agreements between California State College at Los Angeles and the Colleges of the Los Angeles City Junior College District.

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These articulation agreements have been negotiated so that the junior college student may complete the first two years toward his baccalaureate with courses that meet the requirements of his major. This bulletin merely lists the acceptable courses; details of curricula, course titles, descriptions, or units of credit may be found in the catalogs of the respective colleges. From this listing, the student can see what is needed, not only for his major, but also for completing his general education requirements. In some cases, a certain course may satisfy both needs. If the student elects courses that satisfy neither requirement, he may have to spend extra time in the lower division before transfer. This schedule also lists courses that satisfy minor and major requirements toward teaching credentials. The report may serve as a guide for other schools wishing to establish similar agreements. (HH)

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LOS ANGELES CITY JUNIOR COLLEGE DISTRICT

Office of the Curriculum Coordinator

ARTICULATION AGREEMENTS

Between

CALIFORNIA STATE COLLEGE AT LOS ANGELES

and

THE COLLEGES OF THE LOS ANGELES CITY JUNIOR COLLEGE DISTRICT

City College
East Los Angeles College
Harbor College
Pierce College
Southwest College
Trade-Technical College
Valley College

Revised: September 1, 1968

ALL PREVIOUS EDITIONS ARE OBSOLETE

- PART I COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS
- PART II COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS
- PART III COURSES ACCEPTABLE FOR TRANSFER CREDIT
- PART IV COURSES ACCEPTABLE FOR MEETING CREDENTIAL REQUIREMENTS

UNIVERSITY OF CALIF.
LOS ANGELES

FEB 20 1968

CLEARINGHOUSE FOR
JUNIOR COLLEGE
INFORMATION

EDO 26988

JL 690 021

INTRODUCTION

The parts of this bulletin have been developed through negotiations between the California State College at Los Angeles Office of Relations with Schools and the Los Angeles City Junior College District's Curriculum Office. The purpose of these agreements is to enable the CSCLA student attending a junior college to complete the first two years of his baccalaureate objective, with courses which meet the requirements for his particular major, as well as the general education requirements for graduation from Cal-State College at Los Angeles.

This bulletin merely lists courses acceptable for meeting the various requirements. Details regarding curricula, course titles, descriptions, or units of credit, may be obtained from the CSCLA catalog and from the catalogs of the respective Los Angeles Colleges.

In planning his two-year junior college program, the student should first consider the requirements for the major. Next, he should plan to complete as many of the general education requirements as possible. (In many instances, a given course may be applied to both the major and general education requirements. Courses in this category are so indicated in PART I). The including of electives which do not meet either the Major or General Education Requirements could result in extending the time required for completion of the bachelor's degree.

California State College at Los Angeles grants elective credit for all courses transferred from the junior colleges except those courses designated as remedial, or courses specifically serving the purposes of training in an occupational curriculum.

PART IV lists the courses offered in the Los Angeles Colleges which will satisfy requirements in majors and minors towards teaching credentials.

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PART I

COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS

CSCLA REQUIRED COURSES

LAC COURSES WHICH MEET THE REQUIREMENT

AMERICAN STUDIES

B.A. Degree: No lower division course requirements. Students follow the G.E. program and add, as electives, courses in American language and literature, philosophy, fine arts, and social studies, including American origins of western civilization.

Major, Teaching: Candidates for a teaching credential planning to major in American Studies must consult the American Studies adviser before registration.

ANTHROPOLOGY

B.A. Degree:

Anthropology 250
Anthropology 260
Anthropology 270

Foreign Language

Anthropology 2
Anthropology 1
Anthropology 3

Foreign Language: Through course 2 or three years of high school language

ART

B.A. Degree:

Art 103
Art 104
Art 106
Art 111
Art 203
Art 234
Art 244

Art 11
Art 20
Art 1
Art 2
Art 12
Art 22
Art 24 or Art 25

Select two from the following:

Art 102
Art 202
Art 207

Art 52
Art 15
Art 51

CSCLA COURSES

LAC COURSES

ASIAN-AFRICAN STUDIES

This MINOR (only) is an interdisciplinary program designed for students who desire knowledge of this major area of the world as a complement to their chosen academic major.

- Asian-African Studies 251
- Asian-African Studies 252

BIOLOGY

B.A. Degree: Competence in Mathematics through Mathematics 103 (Algebra and Trigonometry) as shown by satisfactory performance in mathematics placement examination.

- Biology 100AB
- Biology 100C
- Chemistry 100AB
- Physics 101-102
- Botany 220
- Electives (12 units)

- Biology 6-7 or Zoology 1-2 with Botany 1 or 2
- Chemistry 1-2
- Physics 6-7
- Botany 2
- Electives (8 units):
 - Additional courses, with at least one from each of the following groups:
 - (a) Chemistry, Physics, Mathematics 5,6,7 or 8
 - (b) Geology, Meteorology, Climatology, Microbiology 1

BOTANY

- B.A. Degree
- Biology 100AB
- Biology 100C
- Chemistry 100AB
- Physics 101-102
- Botany 220
- Related Electives

- Biology 6-7 or Zoology 1-2 with Botany 1 or 2
- Chemistry 1-2
- Physics 6-7
- Botany 2
- Related Electives: (8-11 units)
 - Two or three additional courses chosen from Chemistry, Geology, Mathematics 5,6,7 or 8



CSCLA COURSES

LAC COURSES

BUSINESS ADMINISTRATION

B.S. Degree

Core Requirements:

Business 200AB
Business 205
Business 209
Economics 201AB
Mathematics 240AB

Core Requirements:

Accounting 1-2
Business 5 or Law 1
Business 15
Economics 1-2
Mathematics 23-24, or 6 or 7

**Additional Requirement For
OPTION 7: OFFICE ADMINISTRATION**

Business 211

Business 212

Recommended:

Secretarial Science 4,5,41,43 or
Office Machines 21

Office Machines 1-2

BUSINESS EDUCATION

B. A. Degree:

Students electing the major in Business Education must demonstrate skill in typing equivalent to those required for Business 102B; in addition, those electing the secretarial option must demonstrate proficiency in shorthand and transcription equivalent to the requirements for Business 201B. These requirements may be met by college credit or by passing proficiency examinations in the subjects.

Business 113
Business 200AB
Business 205
Business 211

Business 212
Economics 201AB

Business 1
Accounting 1-2
Business 5 or Law 1

Recommended:

Secretarial Science 4,5,41,43 or
Office Machines 21
Office Machines 1-2
Economics 1-2

CSCLA COURSES

LAC COURSES

BUSINESS - MANAGEMENT SCIENCE

B.S. Degree:

Business 202
Business 205
Business 209
Business 294
Economics 201AB
Physics 101-103
Mathematics 102
Mathematics 103
Mathematics 201-203
Mathematics 290

Accounting 1
Business 5 or Law 1
Business 15
Business Data Processing 21-25-27
Economics 1-2
Physics 6-7
Mathematics 4
Mathematics 3
Mathematics 7-8
Mathematics 44

CHEMISTRY

B.S. Degree:

One year of German required
Chemistry 120ABC
Physics 201-206
Mathematics 201-205

German 1-2
Chemistry 1-2-5
Physics 1-2-3-4
Mathematics 7-8-11

B.A. Degree:

One year of German
Chemistry 120ABC
Physics 201-205
Mathematics 201-205

German 1-2
Chemistry 1-2-5
Physics 1-2-3-4
Mathematics 7-8-11

CHEMISTRY - BIOCHEMISTRY

B.S. Degree:

One year of German
Chemistry 120ABC
Physics 201-204
Mathematics 201-205
Biology 100AB

Microbiology 200AB

German 1-2
Chemistry 1-2-5
Physics 1-2-3-4
Mathematics 7-8-11
Biology 6-7 or Zoology 1-2
with Botany 1 or 2
Microbiology 1

CSCLA COURSES

LAC COURSES

DRAMA

B.A. Degree
Drama 102ABC
Drama 124AB
Drama 152
Drama 160

Theatre Arts 44-45
Theatre Arts 23
Theatre Arts 5
Theatre Arts 10 or Speech 3

ECONOMICS

B.A. Degree
Economics 201AB
Mathematics 240AB
Business 202
Business 209

Economics 1-2
Mathematics 23-24 or 6 or 7
Accounting 1
Business 15

ENGINEERING

B.S. Degree
Engineering 101
Engineering 102
Engineering 201
Engineering 207
Engineering 209
Mathematics 201-205
Physics 201-205
Chemistry 100AB
Select one of the following:
Physics 206
Engineering 200
Engineering 202
Chemistry 100C

General Engineering 4
General Engineering 15
General Engineering 7
General Engineering 5

Mathematics 7-8-11
Physics 1-2-3-4
Chemistry 1-2

General Engineering 6
Civil Engineering 1,2
Chemistry 1-2

ENGLISH

B.A. Degree

Elect two of the following:
English 221
English 222
English 223

English 13
English 12

CSCLA COURSES

FRENCH

B.A. Degree:
French 100ABC is prerequisite
French 200ABC

GEOGRAPHY

B.A. Degree:
Geography 150
Geography 160
Geography 240
Geography 260
Geography 265
Sociology 210AB

Major, Elementary & Secondary Teaching:

Geography 150
Geography 160
Geography 205
Geography 260
Geography 265

GEOLOGY

B.A. Degree and Teaching Major:

Geology 150
Geology 152
Geology 201
Geology 202
Mathematics 201-3
Physics 101-103 or
Physics 201-3
Chemistry 100ABC

B.S. Degree:

Geology 150
Geology 152
Geology 201
Geology 202
Mathematics 201-203
Chemistry 100ABC
Physics 201-203

Additional courses in Chemistry,
Physics, or Mathematics
(12 units)

GERMAN

No B.A. Degree Major offered; see Minor, Teaching

LAC COURSES

French 3,4

Geography 2
Geography 1
Geography 5
Geography 3
Geography 4
Statistics 1 (Sociology 210A only)

Geography 2
Geography 1

Geography 3 or Meteorology 3
Geography 4

Geology 4 or 1 with 6
Geology 5 or 2 with 7
Mineralogy 1
Mineralogy 2
Mathematics 7-8
Physics 6-7 or
Physics 1-2-3
Chemistry 1-2

Geology 4 or 1 with 6
Geology 5 or 2 with 7
Mineralogy 1
Mineralogy 2
Mathematics 7-8
Chemistry 1-2
Physics 1-2-3

Additional courses in Chemistry,
Physics, or Mathematics
(8 units)

CSCLA COURSES

LAC COURSES

GOVERNMENT

B. A. Degree

Government 201ABC

Government 202ABC

Sociology 210AB

Political Science 2

Statistics 1 (Satisfies 210A
requirement only)

Public Service Option:

Business 202

Economics 201A

Economics 1

Pre-Legal Option:

History 101ABC

or History 202AB

or English History

Economics 201A

or Economics 301

Philosophy 250

History 1-2

History 11-12 or 17-18

Economics 1 or 2

Philosophy 8

International Relations Option:

One year of foreign language,
selected with approval of
adviser (12)

One year of foreign language

General Government Option:

One year of foreign language

or

select from following (12 units):
(Not more than 8 units from one
department)

History 101ABC

Economics 201A

or Economics 301

One year of foreign language

or

select from following (8 units)

History 1,2

Economics 1 or 2

Major, Teaching:

Government 201ABC

Government 202ABC

Foreign Language, one year

or 12 units, no more than 8

In one department from the
following:

History 101ABC

Economics 201A

or Economics 301

Sociology 210A

Political Science 2

Foreign Language 1-2

or 3 courses:

History 1,2

Economics 1 or 2

Statistics 1

CSCLA COURSES

LAC COURSES

HEALTH AND SAFETY

No B.A. Degree Major offered; see Minor, Teaching

HISTORY

B.A. Degree:

History 101ABC

History 202AB

History 1-2

History 11-12 or History 17-18

HOME ECONOMICS

B.A. Degree And Teaching Major:

Required General Education Courses:

Sociology 250

or Anthropology 250

Economics 150

Zoology 150

Chemistry 151-152

Home Economics 101

Home Economics 120

Home Economics 201

Home Economics 205

Home Economics 210

Home Economics 211

Home Economics 220

Anthropology 2

Economics 5

Zoology 1

Chemistry 3 (Chemistry 151 ONLY)

Home Economics 13

Home Economics 31 or Sociology 12

Home Economics 10

Home Economics 17

Home Economics 24

Home Economics 21

Home Economics 60

HOME ECONOMICS

B.S. Degree (Dietetics):

Chemistry 151-152-153 or 100AB

Microbiology 150

Sociology 250 or

Anthropology 250

Business Administration 202

Zoology 200AB

Home Economics 101

Home Economics 120

Home Economics 210

Home Economics 211

Home Economics 220

Electives Recommended:

Home Economics 201

Home Economics 205

Chemistry 1-2

Microbiology 20

Anthropology 2

Accounting 1

Home Economics 13

Home Economics 31 or Sociology 12

Home Economics 24

Home Economics 21

Home Economics 60

Home Economics 10

Home Economics 17

CSCLA COURSES

LAC COURSES

INDUSTRIAL STUDIES

**B.A. Degree in Industrial Arts:
Major, Secondary Teaching**

Foundation Program:

Industrial Arts 100
Industrial Arts 110

Industrial Arts 120
Industrial Arts 130
Industrial Arts 144
Industrial Arts 160
Industrial Arts 170
Industrial Arts 290

Undergraduate Professional Courses:

Industrial Arts 101
Industrial Arts 200
Industrial Arts 300AB

B.S. Degree in Printing Management:

Graphic Arts Courses:

Industrial Arts 130
Industrial Arts 231

Business Administration Courses:

Business 200AB
Business 205
Economics 201AB

Industrial Arts 5
Industrial Arts 21 or General
Engineering 2 or Drafting 1
Electronics 4 with 5
Industrial Arts 41 or Graphic Arts 1

Industrial Arts 11
Industrial Arts 1
Photography 10

Industrial Arts 41 or Graphic Arts 1

Accounting 1-2
Business 5 or Law 1
Economics 1-2

JAPANESE

No B.A. Degree Major offered; see Minor, Teaching

JOURNALISM

B.A. Degree:

Journalism 201
Journalism 202

Journalism 1
Journalism 2

Major, Secondary Teaching:

Journalism 100
Journalism 201
Journalism 202

Journalism 5
Journalism 1
Journalism 2

CSCLA COURSES

LATIN AMERICAN STUDIES

B.A. Degree
 Anthropology 250
 Geography 150
 Spanish 200ABC

MATHEMATICS

B.A. Degree
 Mathematics 201-205
 Mathematics 290
 Physics 201-205

B.S. Degree:
 Mathematics 201-205
 Mathematics 290
 Physics 201-206
 Chemistry 100AB

Major, Teaching:
 Mathematics 201-205
 Mathematics 290
 Physics 201-202

MICROBIOLOGY

B.A. Degree: *
 Mathematics 102
 Mathematics 103
 Chemistry 100ABC
 Chemistry 201
 Biology 100AB
 Physics 101-103
 Microbiology 200AB

B.S. Degree:
 Major in Sanitary Science:
 Mathematics 102
 Mathematics 103
 Biology 100AB
 Chemistry 100ABC
 Physics 101-3
 Microbiology 200AB
 Biology 100C

*B.S. Degree, Medical Technology:
 Zoology 200AB
 To be added to the B.A. Degree requirements curriculum.

LAC COURSES

Anthropology 2
 Geography 2
 Spanish 3-4

Mathematics 7-8-11
 Mathematics 44
 Physics 1-2-3-4 (satisfies 201-205)

Mathematics 7-8-11
 Mathematics 44
 Physics 1-2-3-4
 Chemistry 1-2

Mathematics 7-8-11
 Mathematics 44
 Physics 1-2

Mathematics 4
 Mathematics 3
 Chemistry 1-2
 Chemistry 5
 Biology 6-7 or Zoology 1-2
 Physics 6-7
 Microbiology 1

Mathematics 4
 Mathematics 3
 Biology 6-7 or Zoology 1-2
 Chemistry 1-2
 Physics 6-7
 Microbiology 1

CSCLA COURSES

MICROBIOLOGY (Cont.)

Major in Biostatistics:

Biology 100AB
Biology 100C
Chemistry 100AB
Microbiology 200A
Mathematics 102
Mathematics 103
Mathematics 201
Mathematics 290

MUSIC

B.A. Degree

Music 260ABC

(Students must be prepared to show basic proficiency in piano skills prior to beginning this sequence, or take Music 240ABC)

Music 231A

Select from following (6 units):

Music 110sp,bw
Music 210s,w,b,p

Select from following (9 units):

Music 120
Music 121
Music 122
Music 126
Music 127

Option I - Non-credential:

Select from following (1 unit):

Music 120
Music 121
Music 122
Music 126
Music 127

Option II - Choral Emphasis

Music 231B

LAC COURSES

Biology 6-7 or Zoology 1-2

Chemistry 1-2

Microbiology 1

Mathematics 4

Mathematics 3

Mathematics 7

Mathematics 44

Music 2-6 and 3-7

Music 40 or 41

Music 70,71,72

Music 76 or 77

Music 74

Music 56 or 57

Music 55 or 58

Music 76 or 77

Music 74

Music 56 or 57

Music 55 or 58

Music 40 or 41

CSCLA COURSES

LAC COURSES

MUSIC (Cont.)

Option III - Instrumental Emphasis
Music 210s,w,b,p
(Percussion majors substitute
410w for 210p)

Music 70,71,72

Option IV - Elementary Emphasis:
Music 231B

Music 40 or 41

NURSING

B.S. Degree:
Zoology 200AB
Microbiology 200AB
Chemistry 100AB

Microbiology 1
Chemistry 1,2

General Program for Registered Nurse:
Microbiology 200AB

Microbiology 1

PHILOSOPHY

B.A. Degree:
Philosophy 150
Philosophy 250

Philosophy 1-2
Philosophy 8

PHYSICAL EDUCATION

B.A. Degree

Major, Secondary Teaching:
Zoology 200AB
Physical Education 199
Physical Education 180,181,182 }
Physical Education 280,281,282 }

Physical Education 16 or 30
Physical Education 31-32-33;
36-37-39 for Men

PHYSICS

B.S. Degree
Major in Physics
Physics 201-206
Chemistry 120ABC
Mathematics 201-205

Physics 1-2-3-4
Chemistry 1-2-5
Mathematics 7-8-11

CSCLA COURSES

LAC COURSES

PHYSICS (Cont.)

B.S. Degree:

Major in Biophysics:

Physics 201-206
Chemistry 120ABC
Mathematics 201-205
Biological Sciences

Major, Teaching:

Physics 201-206
Chemistry 120ABC
Mathematics 201-205

Physics 1-2-3-4
Chemistry 1-2-5
Mathematics 7-8-11
Zoology, Botany and Microbiology
(12 units)

Physics 1-2-3-4 (201-205 only)
Chemistry 1-2-5
Mathematics 7-8-11

POLICE SCIENCE

B.S. Degree

Police Science 101
Police Science 126
Police Science 221
Police Science 222
Police Science 235
Police Science 236
Police Science 238
Health & Safety 201

Electives:

Police Science 262
Police Science 264
Police Science 282
Police Science 283

Police Science 1
Police Science 2
Police Science 3
Police Science 4
Police Science 5
Police Science 7
Police Science 6
Police Science 11

Police Science 62
Police Science 9
Police Science 10

PRINTING MANAGEMENT

B.S. Degree:

See Industrial Studies, B.S. Degree

PSYCHOLOGY

B.A. Degree

One course from:
Chemistry 100A,B,151,152
Physics 101,102,150

One course from:
Chemistry 1,2,3,11
Physics 6 or 11

CSCLA COURSES

LAC COURSES

PSYCHOLOGY (Cont.)

B.A. Degree:

One course from:

Biology 100A,B, 151
Zoology 150, 200A,B

One course from:

Biology 6,7
Zoology 1

One course from either of two preceding groups or from:

Philosophy 250
Anthropology 250,260

Philosophy 8
Anthropology 2,1

Required courses:

Mathematics 102
Psychology 150
Psychology 150L
Psychology 201
Psychology 201L

Mathematics 4
Psychology 1

Psychology 2

One year of Foreign Language
(Two years or equivalent of
foreign language are recom-
mended, preferably French,
German, or Russian)

One year of Foreign Language

RADIO AND TELEVISION BROADCASTING

B.A. Degree:

Foreign Language:

(3 quarters of same foreign
language selected from 100
or 200 level courses)

Foreign Language:

Either the first or second
year in one language

Broadcasting 200
Broadcasting 201

Broadcasting 10

**Option A: Cultural Backgrounds
for Broadcasting**

(No more than 4 units of lower
division courses representative
of both departments)

Speech 267
English 250
English 221
English 223

Speech 4
English 2

English 12

**Option B: Informational
Broadcasting**

Journalism 201

Journalism 1

CSCLA COURSES

LAC COURSES

RADIO AND TELEVISION BROADCASTING (Cont.)

B.A. Degree

Option C: Educational & Instructional Broadcasting
English 250
Speech 176
Speech 278

Speech 11

RECREATION EDUCATION

B.S. Degree

Recreation Education 132
Recreation Education 232
Recreation Education 236
Art 102

Physical Education 44 or 45
Physical Education 43
Physical Education 48
Art 52

SOCIAL SCIENCE

B.A. Degree:

Option in Economics:

Economics 201AB
History 101ABC
or History 202AB
Government 150
Geography 150
Geography 160
Sociology 250
or Anthropology 250
Mathematics 240AB

Economics 1-2
History 1-2
History 11-12 or 17-18
Political Science 1
Geography 2
Geography 1

Anthropology 2
Mathematics 23-24 or 6 or 7

Option in Geography:

Geography 150
Geography 160
Geography 205
History 101ABC
or History 202AB
Economics 201A
or Economics 301
Sociology 250
or Anthropology 250
Government 150

Geography 2
Geography 1

History 1-2
or History 11-12 or 17-18
Economics 2 or 1-2

Anthropology 2
Political Science 1

CSCLA COURSES

LAC COURSES

SOCIAL SCIENCE (Cont.)

B.A. Degree

Option in Government:

Government 150
Government 201AB
Government 202AB
Government 201C
History 101ABC
or History 202AB
Geography 150
Geography 160
Economics 201A
or Economics 301
Sociology 250
or Anthropology 250

Option in History:

History 101ABC
History 202AB
Geography 150
Geography 160
Government 150
Economics 201A
or Economics 301
Sociology 250
or Anthropology 250

Political Science 1

Political Science 2

History 1-2
or History 11-12 or 17-18

Geography 2
Geography 1
Economics 1 or 2

Anthropology 2

History 1-2
History 11-12 or 17-18
Geography 2
Geography 1
Political Science 1
Economics 1 or 2

Anthropology 2

SOCIOLOGY

B.A. Degree:

Sociology 201AB
Sociology 210AB

Sociology 1-2
Statistics 1

SPANISH

B.A. Degree:

Spanish 100ABC or its equivalent
is prerequisite to the program.
Spanish 200ABC

Spanish 3-4

CSCLA COURSES

LAC COURSES

SPEECH

B.A. Degree:

Speech 150

Speech 176

Speech 267

Speech 278

Select from following (4 units):

Speech 177 }

Speech 277 }

Speech 1

Speech 11

Speech 4

Speech 13

B.A. Degree, Speech Pathology:

Speech 160

Speech 3 or Theatre Arts 10

Major In Speech Combined with Speech/Hearing Credential:

Speech 150

Speech 160

Speech 176

or Speech 278

Speech 267

Speech 1

Speech 3 or Theatre Arts 10

Speech 11

Speech 4

ZOOLOGY

B.S. Degree

Biology 100ABC

Chemistry 100ABC

Physics 101-102-103

Foreign Language - one year

Biology 6-7 (100AB only) or

Zoology 1-2 with Botany 1 or 2

Chemistry 1-2

Physics 6-7

Foreign Language 1-2

PART II

COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS

A total of 48 units is required.

I. Social Sciences **9 units**

Courses must be selected from two or more fields:

A. The mandatory History and Constitution requirement may be satisfied by taking either:

1. History 5 with 6, 11 with 12, 17 with 18

or

2. Political Science 1 with one History course chosen from 5,6,11,12,13,14,15,17,18

B. One course chosen from:

Anthropology 2; Economics 1,2,5; Geography 2;
Political Science 2; Sociology 1,2,10

II. Natural Sciences **9 units**

Courses must include both a physical and a life science. At least one course in each area must include one unit of laboratory.

A. Physical Sciences

At least one course from:

Chemistry 1,2,3,11; Geology 1 with 6, 2 with 7, 4,5;
Mineralogy 1,2,10,11,12; Physical Science 1,2;
Physics 1,2,3,4,6,7,11,12,14,21

B. Biological Sciences

At least one course from:

Biology 1,2,3,6,7,10,12,23,24; Botany 1,2,3;
Microbiology 1,20; Physiology 1,3; Zoology 1,2,5,6

C. Additional Science courses:

Anatomy 1; Astronomy 1,2; Chemistry 4,5,6,7,8;
Earth Science 1; Geography 3; Meteorology 3;
Microbiology 6; Paleontology 1

III. Humanities **9 units**

Courses must represent at least two of the following three areas and may not include more than four units in Fine Arts.

A. Fine Arts

Art 1,2,3,5,11,12,20,21,22,23,24,25,26,27,28,29,52;
Humanities 1,2,5;
Music 30,31,32,33,34;
Physical Education 28;
Theatre Arts 2,5,6

B. Literature

English 2,3,4,5,6,7,8,11,12,13,14,15,16,20;
Humanities 40;
Theatre Arts 7

C. Philosophy

Philosophy 1,2,3,4,6,7,8,9,15,20,21,22;
History 7

IV. Communication **6 units**

Course work must be taken in each area.

A. Oral

Speech 1,2,4,11,12

B. Written

English 1

V. Health and Physical Education **4 units**

Course work must be taken in each area.

A. Health Education

Health 10, 11

V. Health and Physical Education (Cont.) 4 units

B. Physical Education (2 units required)

Physical Education activity is required of all students under the age of 25 at the time of their first CSCLA registration, unless medically exempted by petition or met by transfer courses.

VI. Psychology 3 units

Psychology 1,2,6

VII. Additional General Education Courses (to total 48 units) 8 units

Additional credit may be earned in the following manner:

A. Any excess units earned in meeting the above requirements.

B. Foreign languages.

C. College level Mathematics with prerequisites of elementary algebra and plane geometry.

D. Accounting 1; Anthropology 1,3; Business 1,5; Geography 1,3;
History 1,2,3,4,16,20,21,27,29,35; Home Economics 31; Humanities 10,
30,31; Law 1; Political Science 7,8; Psychology 3,5; Sociology 12

PART III

COURSES ACCEPTABLE FOR TRANSFER CREDIT

California State College at Los Angeles grants elective credit for all courses transferred from the junior colleges except those courses designated as remedial, or courses specifically serving the purposes of training in an occupational curriculum.

PART IV

COURSES ACCEPTABLE FOR MEETING CREDENTIAL REQUIREMENTS

The lower division requirements for Elementary and Secondary Credential majors are, in most cases, the same as for the non-teaching credential majors offered by the various departments at CSCLA. The requirements for these regular majors are outlined in PART I of this bulletin.

Lower division requirements for the minors for Elementary and Secondary Credentials are generally less comprehensive than for regular majors and are therefore given in detail herein.

Credential candidates must complete the same basic general education pattern required of all students.* In addition to all other requirements, the candidate for the Elementary Credential must complete the following course:

<u>CSCLA COURSE</u>	<u>LAC COURSE WHICH MEETS THE REQUIREMENT</u>
Mathematics 120	Mathematics 25 or 35
Recommended: Music 160	Recommended: Music 28

* No more than 6 semester hours of course work in the major or minor may apply toward general education.

I. MAJOR AND MINOR REQUIREMENTS FOR TEACHING CREDENTIALS

A. Elementary

Completion of an academic major in one of the following subjects:

American Studies	Economics	History	Psychology
Anthropology	English	Mathematics	Social Science
Art	French	Microbiology	Sociology
Biology	Geography	Music	Spanish
Botany	Geology	Philosophy	Speech
Chemistry	German	Physics	Zoology
Drama	Government		

B. Secondary

In accordance with current credential legislation, the student should have one of the following seven combinations of majors and minors:

<u>Major</u>	<u>Minors</u>
1. Academic, commonly taught	No minor required*
2. Academic, commonly taught	Academic, commonly taught
3. Academic, commonly taught	Specialized preparation in lieu of minor **
4. Academic, commonly taught	Non-academic, commonly taught
5. Non-academic, commonly taught	Academic, commonly taught
6. Academic, not commonly taught	Two minors, commonly taught or **specialized preparation in lieu of one minor
7. Non-academic, not commonly taught	Two academic minors, commonly taught, or **specialized preparation in lieu of one minor

* A minor is not required by law but is recommended in order that the student may have more opportunities for placement in public schools.

** Specialized preparation (Special Education, Library Science, etc.)

Subjects commonly taught in the secondary school are defined by the State Board of Education to be: The humanities, social sciences, natural sciences, mathematics, fine arts, health science, home economics, industrial arts, physical education, fire prevention and public safety and accident prevention, agriculture science, business education, driver education, journalism, military science, and vocational trade and technical subjects.

C. For student teaching at CSCLA, the student must have a teaching major or a teaching minor in at least one of the following subjects:

Art	French	Industrial Arts	Social Science
Biological Science	Geography	Journalism	(with a concentration in Geography, Government, History)
Business Education	German	Mathematics	Spanish
Chemistry	Government	Music	Special Education
Drama	Health & Safety	Physics	Speech
Driver Education	History	Physical Education	
English	Home Economics		

II. CSCLA LOWER DIVISION COURSE REQUIREMENTS FOR ELEMENTARY AND SECONDARY CREDENTIAL MINORS AND LAC COURSE EQUIVALENTS

<u>MINOR</u>	<u>CSCLA COURSE</u>	<u>LAC COURSE</u>
<u>Anthropology</u>	Anthropology 250 Anthropology 260	Anthropology 2 Anthropology 1
<u>Art</u>	Art 102 Art 103 Select <u>one</u> of the following: Art 104 * <u>or</u> Art 234 * Select <u>one</u> of the following: Art 106 Art 111	Art 52 Art 11 Art 20 Art 22 Art 1 Art 2
	* <u>Secondary</u> : Both required	
<u>Biology</u>	<u>Elementary</u> : Requirements may be met by taking any 20-21 units selected in consultation with an adviser.	
	<u>Secondary</u> :	
	Biology 100AB Biology 100C Chemistry 100AB Mathematics 102* Botany 220	Biology 6-7 or Zoology 1-2 Chemistry 1-2 Mathematics 4* Botany 2
	* May be met by high school background certified as adequate by Mathematics Department.	
<u>Botany</u>	<u>Elementary</u> : No minor offered <u>Secondary</u> : Same as Biology Minor	
<u>Business Education</u> :	Business 113 Business 200A Business 211 Business 212	Business 1 Accounting 1 Recommended: Secretarial Science 4,5, 21,23 or Office Mach. 21 Office Machines 1-2

II. CSCLA LOWER DIVISION COURSE REQUIREMENTS FOR ELEMENTARY AND SECONDARY
 CREDENTIAL MINORS AND LAC COURSE REQUIREMENTS (Cont.)

<u>MINOR</u>	<u>CSCLA COURSE</u>	<u>LAC COURSE</u>
<u>Chemistry</u>	Chemistry 120ABC	Chemistry 1-2-5
<u>Drama</u>	Drama 124AB Drama 152 Drama 102AB	Theatre Arts 23-24 Theatre Arts 5 Theatre Arts 44-45
<u>Economics</u>	Economics 201AB Mathematics 240AB	Economics 1-2 Mathematics 23-24 or 6 or 7
<u>English</u>	<u>Elementary:</u> English 221 English 223 <u>Secondary:</u> Same as for B.A. Degree	English 12
<u>French</u>	Same as for B.A. Degree	
<u>Geography</u>	Geography 150 Geography 160 Geography 265 or Geography 205 Geography 240 or Geography 260	Geography 2 Geography 1 Geography 4 Geography 5 Geography 3
<u>Geology</u>	Geology 150 Geology 152 Geology 201 Geology 202 Mathematics 201 Chemistry 100AB	Geology 1-6, or 4 Geology 2-7, or 5 Mineralogy 1 Mineralogy 2 Mathematics 7 Chemistry 1-2
<u>German</u>	German 100ABC is prerequisite for German 200ABC	German 3-4

II. CSCLA LOWER DIVISION COURSE REQUIREMENTS FOR ELEMENTARY AND SECONDARY CREDENTIAL MINORS AND LAC COURSE REQUIREMENTS (Cont.)

<u>MINOR</u>	<u>CSCLA COURSE</u>	<u>LAC COURSE</u>
<u>Government</u>	Government 200 or Government 403AB Government 201AB Government 202AB	Political Science 2
<u>Health & Safety</u>	Courses in Human Physiology or Anatomy (4-6) Health and Safety 201	Health 12
<u>History</u>	Same as for B.A. degree	
<u>Home Economics</u>	Same as for B.A. degree	
<u>Industrial Arts</u>	Industrial Arts 100 Industrial Arts 201	Industrial Arts 5 Engines 7
<u>Japanese</u>	Japanese 200ABC	Japanese 3-4
<u>Journalism</u>	Journalism 100 Journalism 201-202	Journalism 5 Journalism 1-2
<u>Mathematics</u>	Mathematics 201-205	Mathematics 7-8-11
<u>Music</u>	Music 260ABC Music 240C Select 3 units: Music 230 Music 231AB Select 3 units: Music 120 Music 121 Music 122 Music 126 Music 127	Music 2-6 and 3-7 Select 2 units: Music 40 or 41 Select 2 units: Music 76 or 77 Music 74 Music 56 or 57 Music 55 or 58

II. CSCLA LOWER DIVISION COURSE REQUIREMENTS FOR ELEMENTARY AND SECONDARY CREDENTIAL MINORS AND LAC COURSE REQUIREMENTS (Cont.)

<u>MINOR</u>	<u>CSCLA COURSE</u>	<u>LAC COURSE</u>
<u>Music (Cont.)</u>	<u>Secondary:</u> In addition to the above courses, Select from following, 3 units: Music 110 sp, bw Music 210 s, w, b, p	Select 2 units: Music 70, 71, 72
<u>Philosophy</u>	Same as for B.A. Degree	
<u>Physical Education</u>	See catalog	P.E. 16, 17, 18, 19, 20, 21, 22, 23, 26, 27, 28, 29 for Women P.E. 30, 31, 32, 33, 36, 37, 39 for Men
<u>Physics</u>	Physics 201-205 Physics 206 Mathematics 201-205	Physics 1-2-3-4 Mathematics 7-8-11
<u>Psychology</u>	Mathematics 102 Psychology 150 Psychology 150L Psychology 201 Psychology 201L	Mathematics 4 Psychology 1 Psychology 2
<u>Sociology</u>	Sociology 201AB	Sociology 1-2
<u>Spanish</u>	Same as for B.A. Degree	
<u>Speech</u>	Speech 150 Speech 176 Speech 267 Speech 278 <u>Secondary:</u> In addition to above, take Speech 177	Speech 1 Speech 11 Speech 4 Speech 13

III. SPECIAL EDUCATION

There are no lower division requirements for the five areas of preparation under the heading:

- (1) Deaf and severely hard of hearing;
- (2) Mentally retarded;
- (3) Orthopedically handicapped;
- (4) Speech and hearing handicapped; and
- (5) Visually handicapped.

Completion of a prescribed set of courses can be substituted for a minor, and authorizes service at both elementary and secondary levels. Students who wish to qualify for public school assignments in Special Education must complete requirements for an academic teaching major, and the requirements for one of the above areas.