

DOCUMENT RESUME

ED 026 058

JC 690 003

Articulation Agreements Between San Fernando Valley State College and the Colleges of the Los Angeles City Junior College District.

Los Angeles Junior Coll. District, Calif.

Pub Date 1 Sep 68

Note- 37p.

EDRS Price MF-\$0.25 HC-\$1.95

Descriptors-*Articulation (Program), *College Majors, *Junior Colleges, *Transfer Policy, *Transfer Students
Identifiers-*California

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)

LOS ANGELES CITY JUNIOR COLLEGE DISTRICT

Office of the College Curriculum Coordinator

ARTICULATION AGREEMENTS

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

Between

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S A N F E R N A N D O V A L L E Y S T A T E C O L L E G E

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, AND SFVSC COURSES FOR WHICH ACCEPTABLE
- PART IV COURSES ACCEPTABLE FOR MEETING CREDENTIAL REQUIREMENTS

INTRODUCTION

The parts of this bulletin have been developed through negotiations between the San Fernando Valley State College Office of Relations with Schools, and the Los Angeles City Schools' College Curriculum Office. The purpose of these agreements is to enable the prospective Valley State College 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 San Fernando Valley State College.

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 San Fernando Valley State College Catalogue and from the catalogues 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 Requirements could result in extending the time required for completion of the bachelor's degree.

To guide the student in the selection of electives, PART III lists all courses acceptable for transfer credit, and, where applicable, indicates San Fernando Valley State College courses for which acceptable.

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

SFVSC REQUIRED COURSES

LAC COURSES WHICH MEET THE REQUIREMENT

NOTE: COURSES WHICH MAY BE USED TO SATISFY REQUIREMENTS IN BOTH THE MAJOR AND IN GENERAL EDUCATION ARE INDICATED WITH "G".

ANTHROPOLOGY

Anthropology 150	Anthropology 2	G
Anthropology 204		
Choose three of the following:		
Geography 150	Geography 2	G
History 150,151	History 1,2	G
Philosophy 210	Philosophy 7	G
Sociology 110	Statistics 1	
Sociology 150	Sociology 1	

ART (Maximum transferable: 24 Units)

- Option 1. Fine Arts (Drawing, Painting, Printmaking, Sculpture)
- Option 2. Crafts (Ceramics, Metal, Textiles, Wood)
- Option 3. Design (Graphic Design, Photography, Three Dimensional Design)
- Option 4. Secondary Credential
- Option 5. Elementary Credential, also recommended for General Art Major

Special Requirement: All students entering upper division classification are required to present a portfolio of work demonstrating their achievement level. Details regarding submission of the portfolio may be obtained from the Art Department secretary.

Core Requirements (only lower division required courses are listed here):

Art 111A-111B	Art 1-2	G
Art 124A-124B	Art 20-21	
Art 140A-140B	Art 11-12	
Option 5 may take either 140A or 140B.	Option 5 may take either Art 11 or Art 12.	

Option 1. Fine Arts

Art 230	Art 25
Art 235	Art 37

SFVSC COURSES

LAC COURSES

ART (Continued)

Select from the following, with consent of advisor

4 units from:

Art 227A
Art 227B
Art 228
Art 237

Art 22
Art 23

Art 58

Option 2. Crafts

Art 124C
Art 235
Art 267
Art 273
Art 277

Art 30
Art 37
Art 52
Art 56

Option 3, Design

Art 124C
Art 240
Art 244
Art 250

Art 30
Art 13
Art 40
Photography 1 or 10

Option 4, Secondary Credential

Select one of the following:

Art 244
Art 250

Art 40
Photography 1 or 10

Option 5. General Art Major (Also Elementary Credential)

Select from the following, for a total of 4 units:

Art 227A, 227B
Art 228
Art 230
Art 235
Art 237
Art 240
Art 244
Art 250
Art 267
Art 273
Art 277

Art 22, 23

Art 25
Art 37
Art 58
Art 13
Art 40
Photography 1 or 10
Art 52
Art 56

SFVSC COURSES

LAC COURSES

BIOLOGY

The student who majors in biology must complete the core program (see below) and is required to demonstrate a proficiency in mathematics equivalent to a passing grade in Mathematics 102 (College Algebra). He may do this by receiving a satisfactory score on the Mathematics Placement Test administered by the testing office. If Mathematics 240 is to be taken at SFVSC (see below), proficiency must be demonstrated before enrollment in that course.

Biology 101 <u>or</u> Biology 150-150L with	Biology 3 or Botany 1 or Zoology 1 with	G
Biology 151-151L Mathematics 240	Botany 2 or Zoology 2 Statistics 1	G G
Chemistry 101-102 Chemistry 333-334 Physics 100A-100B	Chemistry 1-2 Chemistry 7-8 Physics 6-7	G G

BUSINESS ADMINISTRATION

Economics 150-160	Economics 1-2	G
^a Mathematics 102 or 105 ^b Mathematics 150A or Mathematics 255A	Mathematics 2 or 4 Mathematics 7 or Mathematics 6 or 7	G
Business 220A-B Business 280	Accounting 1-2 Business 5 or Law 1	

Proficiency in typewriting and business machines is required of all office administration majors. Proficiency in shorthand is required of those majors who plan to be executive assistants. Those who demonstrate through proficiency tests the ability to type 60 words a minute, take shorthand at 90 words a minute, and operate business machines, may be excused from further courses in the subjects. These proficiencies may be acquired by taking Business Administration 201, 202, and 212, respectively. Beginning students in typing and shorthand should enroll in Business Administration 101 and 102, respectively. Our equivalents for the above-named courses are as follows:

Business 101	Secretarial Science 1
Business 102	Secretarial Science 10
Business 201	Secretarial Science 2
Business 202	Secretarial Science 11
Business 212	Any combination of Office Machines 1, 2, 4, and 5

^aAll business majors who have not completed College Algebra are required to take a mathematical proficiency test during their first semester in college.

^bStudents in Option 7 must take Mathematics 150A

SFVSC COURSES

LAC COURSES

BUSINESS EDUCATION (Secondary Credential Program - Five Years)

The secondary credential with a major in business teacher education and a teaching minor authorizes the holder to teach in his major and minor in the junior and senior high schools of California. A student who wishes to prepare for the credential should complete the B.A. in Business Education, a teaching minor, and the professional education courses required by the School of Education. Credential candidates must select a specialization in Accounting or office Administration.

Preparation for the Major (either specialization):

Mathematics 102

Economics 150-160

Business 220A-220B

Business 260

Business 280

Mathematics 4

Economics 2-1

Accounting 1-2

Business 1 or
Management 1

Business 5 or Law 1

The credential candidate must also pass proficiency tests in typing and business machines or complete the following with grades of A or B.

Business 101

or

Business 201

Business 212

Secretarial Science 1

or

Secretarial Science 2

Any combination of Office
Machines 1,2,4,and 5

A student who selects the specialization in Office Administration must also pass a proficiency test in shorthand or complete the following with a grade of A or B.

Business 102 or 202

Secretarial Science 10 or 11

CHEMISTRY

Chemistry 101-102

Chemistry 221

Chemistry 251

Mathematics 150A

Mathematics 150B

Mathematics 250

Mathematics 280

Physics 220A-220B-220C

Language requirement:

German 101-102

Chemistry 1-2

Chemistry 5

G

Mathematics 7

Mathematics 8

Mathematics 11

Mathematics 12

Physics 1-2-3-4

G

G

German 1-2

SFVSC COURSES

LAC COURSES

DRAMA

Drama 100-101

Drama 105

Drama 214 or 217

Drama 264

Any 6 units from Theater Arts,
21, 22, 23, 24, or 26

Theater Arts 44

Recommended: Theater Arts,
21, 22, 23, 24, 25, 30, 31.

Theater Arts 7

A maximum of 20 units in
Theater Arts may be transferred.

EARTH SCIENCE

Choose one:

Chemistry 101-102

Chemistry 103-104

Chemistry 1-2

Choose One:

Mathematics 255A

Mathematics 240

Mathematics 6 or 7

Statistics 1

Choose one:

Geography 103

Geography 310

Geography 3 or

Meteorology 3

Choose one:

Geography 101

Geology 101

Physics 100AB

Geography 1

Geology 1

Physics 6-7

Required:

Biology 150

Physical Science 152

Geology 101L

Geology 102

Biology 1 or 23

Astronomy 1

Geology 2 with 7 or 5

ECONOMICS

Economics 150-160

Business 220A-220B

Mathematics 255A-225B

Economics 2-1

Accounting 1-2

Mathematics 6 or 7-8

G

Choose one:

Philosophy 210

Philosophy 230

Mathematics 260

Philosophy 7

Philosophy 9

SFVSC COURSES

LAC COURSES

ENGINEERING *

This program is based upon an expectation of adequate high school preparation in science and mathematics. High school courses should include algebra, plane geometry, trigonometry, chemistry or physics (both desirable), and mechanical drawing.

Freshman Year

Engineering 107
Engineering 121
Mathematics 150A-B
Chemistry 101-102
Physics 220A

Gen. Engr. 1 with 4
Health 10 is acceptable
Mathematics 7-8 G
Chemistry 1-2 G
Physics 1-2 G

Sophomore Year

Engineering 227

Engineering 240
Mathematics 250
Mathematics 280
Physics 220B-220C

General Engineering 5 (must
include Lab).
General Engineering 7-8
Mathematics 11
Mathematics 12
Physics 3-4

ENGLISH

English 155
English 255
English 258-259

English 1 G
English 2 G
English 5-6

Language requirement:

Successful completion of the
second semester of any language
taught at the college level

Successful completion of the
second semester of a foreign
language. G

FRENCH

French 101-102-201-202

French 1-2-3-4 G

GEOGRAPHY

Geography 101
Geography 102
Geography 103 or 310
Geography 105 or 150
Geography 205 or 405

Geography 1 G

Geography 3 or Meteorology 3
Geography 5 or 2

*Up to 3 units of general education may be waived provided that at least two semesters of physical education are included.

SFVSC COURSES

LAC COURSES

GEOLOGY

Mathematics 150A
Mathematics 150B or
Mathematics 240
Chemistry 101-102
Physics 100A-B or
Physics 220A-B
Geology 101-101 L
Geology 102

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

Language requirement:

French 101-102 or
German 101-102 or
Russian 101-102

French 1-2 or
German 1-2 or
Russian 1-2

GERMAN

German 101-102-103-104

German 1-2-3-4 G

HEALTH SCIENCE

The Department of Health Science offers curricula leading to the B.S. degree in Health Science with three options:

1. School Health, with areas of concentration for Teacher Education or School Nursing.
2. Public Health, with areas of concentration in Environmental Health, Health Statistics (Biostatistics), Occupational Health, and Public Health Education. With proper planning and selection of electives, the student in this option can also meet premedical and pre dental requirements.
3. Physical Therapy-By completion of the B.S. degree in Health Science, Option 3 and with proper advisement, the student is eligible for admission to Center of Health Sciences at UCLA for 6 months of clinical training. Physical therapy certification is awarded upon completion of clinical training.

All three options prescribe the same core program. Lower division requirements are as follows:

Health Science 120
Biology 150-150L

Biology 215
Biology 211-212
Biology 281

Health 10 G
Botany 1 or Biology 3 G
or Zoology 1

Microbiology 1 or 20
Anatomy 1
Physiology 1 or 3
(Zoology 6 alone meets the 211-212-281 requirement)

SFVSC COURSES

LAC COURSES

HEALTH SCIENCE (Continued)

Mathematics 102 or
Mathematics 105
Mathematics 150A
Chemistry 103-104 or
Chemistry 101-102
Psychology 150
Sociology 150

Mathematics 2 or 4 or
Mathematics 2, or 3 with 4 or G
Mathematics 7
Chemistry 1-2 G
Psychology 1 G
Sociology 1 G

HISTORY

Geography 150
History 150-151
History 270-271

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

HOME ECONOMICS

Three options are provided:

1. Preparation for the standard secondary credential as well as for employment in other areas such as merchandising and journalism.
2. Preparation for a career in business and industry.
3. Preparation for dietetics internship.

The core program is required of all home economics majors; its lower division requirements are as follows:

Art 140A	Art 11	
Biology 150-150L	Biology 3 or Botany 1 or Zoology 1	
Biology 215	Microbiology 1 or 20	
Chemistry 103-104	Chemistry 1-2	G
Chemistry 235	Chemistry 7-8	
Home Economics 161-162	Home Economics 10 with 17	
Home Economics 170	Home Economics 13 or 14	
Home Economics 207-208	Home Economics 21 with 24	

Certain of the options list lower division requirements in addition to core program lower division requirements as follows:

Option 2		
Journalism 110	Journalism 1	
Option 3		
Business 220A	Accounting 1	
Choice of 6 units from		
Economics 150-160	Economics 2-1	G
Sociology 150	Sociology 1	G

SFVSC COURSES

LAC COURSES

JOURNALISM

The journalism major is for students who plan professional careers in newspaper and magazine editorial work, advertising and public relations, or telephone and radio news work, or for students who feel a study of the media of mass communications would contribute to their liberal education.

Students are encouraged to take a minor in a related field such as English, history, political science, or sociology.

Students majoring in journalism are required to complete successfully the second semester of any foreign language taught at the college or to pass an examination to demonstrate an equivalent proficiency. G

Journalism 100
Journalism 110

Journalism 5
Journalism 1

MATHEMATICS

Mathematics 150A-B
Mathematics 250
Physics 220A-B

Mathematics 7-8 G
Mathematics 11
Physics 1-2-3 G

MUSIC

History and Literature
Music 201A-B

Music 30-31 G

Theory

Music 120A-B
Music 121 A-B
Music 220-228
Music 226
Ensembles (1-1-1-1)
At least one each semester selected
from:

Music 6-7
Music 2-3
Music 4-8
Music 12-13

Music 179
Music 180

Music 82 or 83
Music 76 or 77
(Maximum 4 units)
Music 74
(Maximum 4 units)
Music 55, 56, 57 or 58
(Maximum 4 units)

Music 182

Music 184

Music 190, 191

A maximum of 12 units in performance courses is applicable toward the B.A. degree, but not more than 8 may be transferred.

SFVSC COURSES

LAC COURSES

PHILOSOPHY

Philosophy 201-202-210-230

Philosophy 3-4-7-9

G

PHYSICAL EDUCATION

Biology 150

Biology 1 or 3 or
Botany 1 or Zoology 1

G

Biology 211-212

Biology 281

Anatomy 1
Physiology 1 or 3
Zoology 6 alone meets the
211-212-281 requirement

Specific sports skills tests are prerequisite to enrollment in
the following courses:

Physical Education 110 (Men)

Physical Education 113 (Women)

Physical Education 180-181-280-281

Recommended P.E. 5 H, K

Recommended P.E. 5 B G

P.E. 17-18-and 19

(Women), or P.E. 31-32-33-and

39 (Men), or P.E. 20-21-22-23-

and any additional units from 26,

27,28,29,30, or 49 to meet the 8

unit requirement

P.E. 24 or 25

Physical Education 288 (Women)

or 289 (Women)

PHYSICAL SCIENCE

The major in physical science is designed to prepare students for a diversity
of career choices, as follows:

1. Professions in technical services (libraries, sales, patent
offices, etc.)
2. Teaching positions in the secondary school systems.
3. Studies primarily outside the physical sciences in which
familiarity with physical sciences is required.

The major is administered by the Departments of Chemistry and Physics and contains
two options which may be taken separately or jointly. The two options have the
same lower division core requirement:

Mathematics 150A-B

Mathematics 250-280

Physics 220A-B-C

Chemistry 101-102

Mathematics 7-8

Mathematics 11-12

Physics 1-2-3-4

Chemistry 1-2

G

G

G

PHYSICS

Physics 220A-220B-220C

Mathematics 150A-150B

Mathematics 250-280

Chemistry 101-102

Physics 1-2-3-4

Mathematics 7-8

Mathematics 11-12

Chemistry 1-2

SFVSC COURSES

LAC COURSES

POLITICAL SCIENCE

Political Science 155
Political Science 156
Political Science 201
Economics 150 or 300
History 151
Sociology 110

Political Science 1 G
Political Science 2

Economics 2 G
History 2
Statistics 1

PSYCHOLOGY

Psychology 150
Psychology 250

Psychology 1 G
Psychology 2

(Psychology 5 is acceptable toward the major if taken previous to June 30, 1968; it may be used only for elective credit after that date.)

Strongly Recommended:
Supporting courses in biology, mathematics, philosophy, and the social sciences.

RADIO-TELEVISION (formerly Broadcasting)

Radio-Television 197
Radio-Television 280
Select one from following:
Journalism 110
Radio-Television 281
Speech 250

Broadcasting 15 or 48
Broadcasting 1

Journalism 1

RECREATION

Recreation 100-101-201-202

P.E. 17-18-19 (Women) or
P.E. 31-32-33-39 (Men) or G
P.E. 20-21-22-23 and any
additional units from 26,27,28,29,30,
or 49 to meet the 8 unit requirement
P.E 1,2,3,4,5,6,7

RUSSIAN

Russian 101-102-201-202

Russian 1-2-3-4 G

SOCIOLOGY

The major is designed for students who (1) desire a liberal arts education with emphasis upon sociology or social anthropology, (2) wish to prepare themselves for graduate work in these fields or in social work, or (3) plan to enter the field of social service at the occupational level.

PART II

COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS

Section A. The Social Sciences 12 Semester Units

1. U.S. History and
2. American Political Institutions

Choose one sequence of two courses:

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

or

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

3. Choose one course from each of two categories:

- a. Anthropology 2
- b. Economics 1, 2, 5
- c. Geography 2, 5, 10, 11, 12
- d. Sociology 1,2,10
- e. History 1, 2, 3, 4
- f. Political Science 2

Section B. The Natural Sciences 9 Semester Units

1. Physical Sciences

Choose at least one course:

Chemistry 1, 3, 4, 11, 12, 13

Physical Science 1

Physics 1, 6, 11, 12, 21

2. Biological Science

Choose at least one course:

Anatomy 1

Biology 1, 3, 6, 23

Botany 1

Physiology 1, 3

Zoology 1, 6

Section B. (continued)

3. Science Electives

Astronomy 1
Biology 2, 7, 24, 25
Botany 2, 3
Earth Science 1
Entomology 11
Geography 1, 3
Geology 1, 4, 6
Meteorology 3
Microbiology 1, 6, 20
Mineralogy 1, 2, 10, 11
Paleontology 1
Physical Science 2
Physics 2, 3, 4, 7
Zoology 2, 5

Section C. The Humanities

9 Semester Units

Choose at least three units from each sub-section:

1. Art, Drama or Music
Art 1, 2, 3, 4, 11, 12, 13, 20, 21, 30
Humanities 3
Music 2, 3, 6, 7, 30, 31, 32, 33
Theater Arts 2, 5, 6
2. Literature
English 2, 3, 4, 5, 6, 7, 8, 14
3. Philosophy 1, 2, 3, 4, 20

Section D. Rhetoric

6 Semester Units

One course from each sub-section:

1. English 1
2. Speech 1, 2, 11

Section E. General Psychology

3 Semester Units

Psychology 1

Section F. Health and Physical Education 4 Semester Units

1. Health 10 or 11
2. Physical Education: 4 Semesters of activities selected from P.E. 1, 2, 3, 4, 5, 6, 7, 8, 13, 50, 60

Section G. Selected Electives One Course is Required

Choose only from the following:

Any foreign language, up to 6 units, at the level of course 2 or beyond.

Mathematics 1, 2, 4, 5, 6, 7, 17, 23, 25, 35, 71,
72
Philosophy 7, 8, 9
Statistics 1

Total Required Semester Units in General Education 46

PART III

COURSES ACCEPTABLE FOR TRANSFER CREDIT, AND SFVSC COURSES FOR WHICH ACCEPTABLE

This section lists all courses transferable to San Fernando Valley State College for credit. SFVSC courses for which Los Angeles College courses are acceptable toward the Major are indicated in the right column opposite the respective course numbers. Courses from this list which meet the General Education requirements may be found by referring to PART II of this Bulletin. All other courses are acceptable for elective credit only.

Each course, individually, is acceptable for transfer credit. The words 'or', 'and', and 'with' in the LAC column refer to SFVSC equivalencies.

LAC COURSES

SFVSC COURSES

ACCOUNTING

- 1.
- 2.
- 21 with 22 (Same as 1)

Business 220A
Business 220B

AGRICULTURE

- 1, 2

ANATOMY

- 1.
- 40

Biology 211-212

ANTHROPOLOGY

- 1.
- 2.
- 3, 4, 5, 6, 7

Anthropology 150

ARABIC

- 1, 2, 3, 4, 5, 6, 10, 11

LAC COURSES

SFVSC COURSES

ART (Maximum transferable: 24 units)

- 1.
- 2.
- 3 or 4
- 5, 6, 7, 8, 10*
- 11-12

- Art 111A or 105
- Art 111B or 105
- Art 105
- Art 140 A-B

*Art 10 may be substituted for SFVSC Art 380 toward the Elementary Credential, but is not equivalent in any other respect.

- 13.
- 14, 15, 18
- 20-21
- 22-23
- 24.
- 25. (Maximum: 2 units)
- 26, 27, 28, 29
- 30.
- 31, 32, 33, 34
- 37.
- 38.
- 40.
- 41, 42, 43, 44, 45, 47, 48, 50, 51
- 52.
- 53, 54, 55
- 56.
- 57.
- 58.
- 59, 80

- Art 240
- Art 124A-B
- Art 227A-B
- Art 230
- Art 124C
- Art 235
- Art 244
- Art 267
- Art 273
- Art 237

ASTRONOMY

- 1.
- 2.

Physical Science 152

BIOLOGY

- 1.
- 2.
- 3.
- 6.
- 7.
- 10, 13
- 23.
- 24.
- 25, 41

- Biology 150
- Biology 151
- Biology 150-150L
- Biology 150-150L
- Biology 151-151L
- Biology 150
- Biology 151

LAC COURSES

BOTANY

- 1.
- 2.
- 3, 40

BROADCASTING

- 1.
- 15 or 48
- 5, 10, 20, 21, 25, 46

BUSINESS

- 1.
- 5.
- 6, 8, 15, 32, 33

BUSINESS DATA PROCESSING

- 1, 21, 31

CHEMISTRY

- 1.
- 2.
- 1 with 2
- 3.
- 4.
- 5.
- 6.
- 7-8
- 11, 12 with 13, 14, 15

CHINESE

- 1-2
- 3-4
- 8, 10, 11

DRAFTING

- 1.

SFVSC COURSES

Biology 150-150L
Biology 151-151L

Radio-Television 280
Radio-Television 197

Business 260
Business 280

Chemistry 101
Chemistry 102
Chemistry 103-104
Chemistry 103

Chemistry 221

Chemistry 235

Chinese 101-102
Chinese 201-202

LAC COURSES

SFVSC COURSES

EARTH SCIENCE

1.

ECONOMICS

1.
2.
4,5

Economics 160
Economics 150

EDUCATION

1, 2, 3

ENGINEERING, CIVIL

1, 2, 3, 4

ENGINEERING, GENERAL

1 with 4
2.
5 (with lab.)
7 with 8
15, 25, 35

Engineering 107
Engineering 105
Engineering 227
Engineering 240
Engineering 105

ENGLISH

1.
2.
3,4
5-6
7, 8, 11, 12
14, 15, 16, 17, 18*, 19, 20, 23
24, 25, 27, 44, 45
13

English 155
English 255

English 258-259

(Maximum: 6 units)

English 264

* English 18 may be substituted for SFVSC English 328, toward the Elementary Credential, but is not equivalent in any other respect.

ENTOMOLOGY

11.

LAC COURSES

SFVSC COURSES

FINANCE

8.

FRENCH

1-2

3-4

20.

5, 6, 7, 8, 10, 11

French 101-102

French 201-202

French 101-102

GEOGRAPHY

1.

2.

3.

4.

5.

10, 11, 12, 14, 30

Geography 101

Geography 150

Geography 103

Geography 105

GEOLOGY

1.

2 with 7

4.

5.

6.

9, 12

Geology 101

Geology 102

Geology 101-101L

Geology 102

Geology 101L

GERMAN

1-2

3-4

5, 6, 7, 8, 10, 11

German 101-102

German 201-202

GRAPHIC ARTS

1.

HEALTH

10 or 11

12.

Health Science 120 or

Engineering 121

Health Science 160

LAC COURSES

SFVSC COURSES

HEBREW

1, 2, 3, 4, 5, 10

HISTORY

1.
2.
3, 4
5.
6, 7, 10
11-12
13 or 14
15, 16
17-18
20, 21, 23, 27, 29, 35

History 150
History 151

History 254

History 270-271
History 255

History 270-271

HOME ECONOMICS

10 with 17
13 or 14
21 with 24
1, 2, 30, 31

Home Economics 161-162
Home Economics 170
Home Economics 207-208

HORTICULTURE, ORNAMENTAL

1, 2, 3, 4, 5

HUMANITIES

1, 2, 3, 5, 7, 10

INDUSTRIAL ARTS

1, 11, 21, 41, 51

ITALIAN

1, 2, 3, 4, 5, 6, 8, 10, 11

JAPANESE

1, 2, 3, 4, 5, 6, 10, 11, 12, 13

LAC COURSES

SFVSC COURSES

JOURNALISM

- 1.
- 2.
- 4.
- 5.
- 6.
- 16.
- 18, 20
- 25.
- 32, 33, 35, 41, 42, 43, 44

- Journalism 110
- Journalism 210
- Journalism 100
- Journalism 230
- Journalism 100

LATIN

- 1-2
- 3-4

- Latin 101-102
- Latin 201-202

LAW

- 1.
- 2.

- Business 280

MANAGEMENT

- 2.

- Business 260

MATHEMATICS

- 1.
- 2.
- 3 with 4
- 4.
- 5.
- 6.
- 7.
- 8.
- 11.
- 12.
- 13, 15
- 17. (with prerequisite of high school algebra and geometry)
- 18, 23, 24
- 25.

- Mathematics 102 or 105
- Mathematics 105
- Mathematics 102
- Mathematics 255A
- Mathematics 255A or 150A
- Mathematics 255B or 150B
- Mathematics 250
- Mathematics 280
- Mathematics 131
- Mathematics 210

LAC COURSES

SFVSC COURSES

MATHEMATICS (Continued)

- 26, 27
- 35.
- 36.
- 37, 38, 44, 60, 61, 62
- 63.
- 71, 72 (Same as 7)
- 73, 74 (Same as 8)

Mathematics 210

Mathematics 281

MERCHANDISING

(Maximum: 3 units for any
combination of courses applicable
to Business Education Major)

METEOROLOGY

3.

Geography 103

MICROBIOLOGY

- 1 or 20
- 6.

Biology 215

MINERALOGY

- 1, 2, 10, 11, 12

MUSIC (Maximum transferable: 32 units)

- 2-3
- 6-7
- 4-8
- 12 with 13
- 30-31
- 32 or 33
- 40-41-42 (Maximum: 2 units)
- 57. (Maximum for any combination
of 55, 56, 57, 58, 59:
4 units)
- 60.
- 61, 62 or 66
- 74.
- 76 or 77

Music 121 A-B

Music 120 A-B

Music 220-228

Music 226

Music 201 A-B

Music 105

Music 240 A-B

Music 184

Music 141 A-B or 142 A-B

Music 242 A-B

Music 182

Music 180

LAC COURSES

SFVSC COURSES

MUSIC (Continued)

5, 17, 28, 29, 34, 44, 54, 55, 56,
58, 59, 68, 69, 70, 71, 72, 74, 81, 90
82, 83

Music 179

OFFICE MACHINES

1, 2, 4, or 5 (Maximum for any
combination: 4 units)

Business 212

(Maximum for any combination of 1, 2, or 5: 2 units)

PALEONTOLOGY

1.

PHILOSOPHY

1.

Philosophy 150

2.

Philosophy 201-202

3-4

6.

Philosophy 210

7.

Philosophy 100

7 with 8

Philosophy 230

9.

15, 20, 21, 22, 23, 24, 25

PHOTOGRAPHY (Maximum: 6 units)

1 or 10

Art 250

2, 3, 4, 11, 15, 16, 17, 21, 30

PHYSICAL EDUCATION

1, 2, 3, 4, 5, 6, 7, 8

P. E. 160

13.

P.E. 182-183-282-283

17-18-19

(Partial Credit for P.E. 182

20-21-22-23 or

183-282-283)

26-27-28-29

P.E. 288 (W) or 289

24 or 25

P.E. 113

28.

LAC COURSES

SFVSC COURSES

PHYSICAL EDUCATION (Continued)

- 30.
- 31-32-33-39
- 16, 34, 35, 40, 41, 42, 43, 44, 45,
- 50
- 48, 49, 50, 60

P.E. 182-183-282-283

PHYSICAL SCIENCE

- 1.
- 2.

Physical Science 150
Physical Science 151

PHYSICS

- 1 with 2
- 1-2-3
- 1-2-3-4
- 6-7
- 11, 12, 14
- 21.

Physics 220A
Physics 220A-B
Physics 220A-B-C
Physics 100A-B

Physics 100A

PHYSIOLOGY

- 1 or 3

Biology 281

POLICE SCIENCE (A maximum of 15
units is transferable)

POLITICAL SCIENCE

- 1.
- 2.
- 7, 8, 10, 30

Political Science 155
Political Science 156

PORTUGUESE

- 1, 2, 3, 4

PSYCHOLOGY

- 1.

Psychology 150

LAC COURSES

PSYCHOLOGY (Continued)

- 2.
- 3, 4, 5
- 11, 12, 13, 14

RUSSIAN

- 1-2
- 3-4
- 5-8

SECRETARIAL SCIENCE

- 1.
- 2.
- 10.
- 11.
- 3, 4, 5 (Maximum: 4 units)
- 12, 13, 14, 15 (Maximum: 4 units)
- 16, 17, 18, 19 (Maximum: 3 units)
- 30, 32, 41

SOCIOLOGY

- 1.
- 2.
- 4, 7, 10, 12, 13, 15, 19, 20

SPANISH

- 1-2
- 3-4
- 5.
- 6, 7, 8, 9, 10, 11, 12, 13

SPEECH

- 1.
- 2.
- 3.
- 4.
- 7, 9

SFVSC COURSES

Psychology 250
(Maximum: one course)

Russian 101-102
Russian 201-202

Business 101
Business 201
Business 102
Business 202

Sociology 150
Sociology 200

Spanish 101-102
Spanish 201-202
Spanish 220

Speech 155
Speech 220

Speech 104

LAC COURSES

SFVSC COURSES

SPEECH (Continued)

- 11.
- 12.
- 13.
- 15.

Speech 225
Speech 198

STATISTICS

- 1.

Sociology 110 or
Psychology 110 or
Mathematics 240

THEATER ARTS (Maximum transferable: 20 units)

- 1.
- 2.
- 5, 6
- 7.
- 10, 15
- 20.
- 21.
- 22, 23, 24, 26 (any 6 units)
- 26.
- 30.
- 40, 42
- 44.
- 45 or 46
- 47.

Drama 150
Drama 264
Drama 100
Drama 100-101
Drama 101
Drama 116
Drama 105
Drama 205
Drama 196

ZOOLOGY

- 1.
- 2.
- 4, 5
- 6.

Biology 150-150L
Biology 151-151L
Biology 211-212 with 281

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. 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 (general education, major, minor), the candidate for the Elementary Credential must complete the following courses:

<u>SFVSC COURSE</u>	<u>LAC COURSE WHICH MEETS THE REQUIREMENT</u>
Mathematics 210A	Mathematics 25 or 35
Art 380	Art 10*
English 328	English 18*
Music 361	

*These courses fulfill the requirement for the Elementary Credential, but are not, in any other respect equivalent to the upper division courses.

I. MAJOR AND MINOR REQUIREMENTS FOR ELEMENTARY AND SECONDARY TEACHING CREDENTIALS

A. Elementary

1. Completion of a major in one of the following subjects:

Anthropology
Art (Option 5)
Biology
Drama
English
French

Geography
German
History
Mathematics
Music
Philosophy

Political Science
Psychology
Russian
Sociology
Spanish
Speech

A. Elementary (Continued)

2. Completion of a minor in one of the following subjects:

Anthropology	Geology	Philosophy
Art	German	Physical Education
Biology	Health Science	Physics
Chemistry	History	Political Science
Drama	Home Economics	Psychology
Economics	Journalism	Russian
English	Latin	Sociology
French	Mathematics	Spanish
Geography	Music	Speech

Specialized preparation to serve as a teacher of exceptional children may be substituted for a minor. The college offers such preparation in the following areas: Mentally Retarded; Speech and Hearing Handicapped.

B. Secondary

1. Completion of a major in one of the following subjects.
(The major must be in one of the starred subjects if the student chooses a minor in an unstarred subject or specialized preparation in teaching exceptional children in lieu of a minor.)

Anthropology*	Geography*	Physical Education
Art*	German*	Physical Science*
Biology*	Health Science	Political Science*
Broadcasting	History*	Psychology*
Business Education	Home Economics	Russian*
Drama*	Journalism	Sociology*
Economics*	Mathematics*	Spanish*
English*	Music*	Speech*
French*	Philosophy*	

2. Completion of a minor in one of the following subjects.
(The minor must be in a starred subject if the student chooses an unstarred major.)

Anthropology*	Geology*	Philosophy*
Art*	German*	Physical Education
Biology*	Health Science	Physics*
Business Education	History*	Political Science*
Chemistry*	Home Economics	Psychology*
Drama*	Journalism	Russian*
Economics*	Latin*	Sociology*
English*	Mathematics*	Spanish*
French*	Music*	Speech*
Geography*		

B. Secondary 2. Completion of a minor (Continued)

In choosing the major and minor, the Secondary Credential candidate should keep in mind that student teaching will later be required in at least one subject normally taught in the local secondary schools. It is therefore recommended that the student choose both major and minor from among those subjects in which student teaching is available. Secondary student teaching assignments are not available in Anthropology, Economics, Psychology, and Sociology. Students with a major in Anthropology, Broadcasting, or Philosophy are required to take a second minor as defined by the State Department of Education. Students with a major in Business Administration or Physical Education are required to complete a minor in an academic subject.

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11. SFVSC LOWER DIVISION COURSE REQUIREMENTS FOR ELEMENTARY AND CREDENTIAL MINORS AND LAC COURSE EQUIVALENTS

<u>MINOR</u>	<u>SFVSC COURSE</u>	<u>LAC COURSE</u>
Anthropology	Anthropology 150 Anthropology 204 <u>or</u> 301	Anthropology 2
Art	Art 124A-B Art 140A-B Art Elective	Art 20-21 Art 11-12 Art Elective
Biology	Chemistry 101-102 or Chemistry 103-104 Biology 150-150L Biology 151-151L Biology 211-212 Biology 281	Chemistry 1-2 Biology 3 or Zoology 1 or Botany 1 Zoology 2 or Botany 2 Anatomy 1 <u>with</u> Physiology 1 or 3 or Zoology 6
Business Education (Secondary only)	Business 220A-B <u>Select 4 units from:</u> Business 101 ^a or 201 ^a Business 212 ^a Strongly recommend: Business 260	Accounting 1-2 Secretarial Science 1 or 2 2 units from OM 1,2,4,5 Business 1 or Management 2

^aCourse credit, not unit credit may be obtained by passing proficiency tests in these subjects in lieu of taking the courses.

MINOR

SFVSC COURSE

LAC COURSE

Business Education
(Secondary only)

Acceptable:
Business 102 or 202

Business 280

Secretarial Science 10 or
11
Business 5 or Law 1

Chemistry

Chemistry 101-102
Chemistry 221

Chemistry 1-2
Chemistry 5

Recommended:
Physics 100A-B

Physics 6-7

Classics:

Classics 101L-102L
Classics 201L-202L

Latin 1-2-3-4

Drama

Drama 100-101

Drama 264

Any 6 units from Theater
Arts 22, 23, 24, 26
Theater Arts 7

Economics

Economics 150-160

Economics 2-1

English

English 255
English 258-259

English 2
English 5-6

French

French 101-102-201-202

French 1-2-3-4

Geography

Geography 101
Geography 105
Geography 150

Geography 1
Geography 5
Geography 2

Geology

Chemistry 101
Geology 101-101L
Geology 102

Chemistry 1
Geology 1-6, or 4
Geology 2 with 7, or 5

German

German 101-102-201-202

German 1-2-3-4

Health Science

Biology 211
Biology 281

Anatomy 1
Physiology 1 or 3
(Zoology 6 alone meets the
Biology 211-212-280 Requirement)
Biology 2 or Botany 2 or
Zoology 2

Biology 151

Chemistry 103)
Chemistry 104)
)

Chemistry 3 for 103 alone
Chemistry 1 with 2 for
103 and 104

Health Science 160

Health 12

<u>MINOR</u>	<u>SFVSC COURSE</u>	<u>LAC COURSE</u>
History	History 150-151 History 270-271	History 1-2 History 11-12 <u>or</u> 17-18
Home Economics	Art 140A Home Economics 160 Home Economics 170 Home Economics 205	Art 11 Home Economics 10-17 Home Economics 13 or 14 Home Economics 21 and 24
Journalism	Journalism 100 Journalism 110 Journalism 210 Journalism 230	Journalism 5 Journalism 1 Journalism 2 Journalism 16
Latin (See Classics)		
Mathematics	Plan A Mathematics 150 A-B Mathematics 250 Plan B Mathematics 240 Mathematics 255 A-B Mathematics 260 Mathematics 281	Mathematics 7-8 Mathematics 11 Statistics 1 Mathematics 7-8 Mathematics 63
Music	8 units chosen from: Music 120 A-B Music 121 A-B-C Music 220 Music 201 B	Music 6-7 Music 2-3-4 Music 8 Music 31

A reasonable level of keyboard proficiency, to be determined by examination, must be acquired by the junior year. This requirement may be met by successfully completing Music 60 (fourth semester) or an equivalent examination.

Elementary Teaching Concentration add:

2 units from:

Music 180	Music 76,77
Music 182	Music 74,75
Music 184	Music 55,56,57, or 58

MINOR

SFVSC COURSE

LAC COURSE

Music (Continued)

Secondary Teaching Concentration - Vocal Add:

Music 142 B

Music 60 Fourth semester)

4 units from:
Music 184)
Music 190)
Music 191)

Music 55,56,57,or 58

Secondary Teaching Concentration - Instrumental Add:

2 units from:
Music 179,180
Music 182

Music 76,77,82,83
Music 74

Philosophy

Philosophy 201-202

Philosophy 3-4

One from the following:
Philosophy 210
Philosophy 230
Philosophy 400

Philosophy 7
Philosophy 9

Physical Education

Biology 150

Biology 1 or 3 or 23 or
Zoology 1 or Botany 1
Anatomy 1

Biology 211

Physics

Physics 220 A-B-C

Physics 1-2-3-4

Political Science

Political Science 155
Political Science 156
Political Science 201

Political Science 1
Political Science 2

Psychology

Psychology 150-250

Psychology 1-2

Russian

Russian 101-102-201-202

Russian 1-2-3-4

Sociology

Sociology 110
Sociology 150
Sociology 267

Statistics 1
Sociology 1
Sociology 16

Spanish

Spanish 101-102-201-202

Spanish 1-2-3-4

Speech

Select three from the following:
Speech 104
Speech 155
Speech 220
Speech 225
Speech 250

Speech 4
Speech 1
Speech 2
Speech 11