THE CALIFORNIA STATE COLLEGE
AT
SAN BERNARDINO

General catalog, 1965-66

California, State University, San Bernardino.
DIRECTORY FOR CORRESPONDENCE

Inquiries by students seeking admission to the College should be addressed to:

Director of Admissions
The California State College at San Bernardino
5500 State College Parkway
San Bernardino, California 92407

Other inquiries should be addressed to the offices listed below, at the same post office address as above.

General Information Concerning the College
The Dean of Faculty
Financial Aid
Office of The Dean of Students
Housing
Office of The Dean of Students
Student Bills and fees
Office of the Bursar
Transcripts of records
Office of the Registrar
Veterans
Office of The Dean of Students
Vocational Placement
Office of The Dean of Students
General Catalog

THE CALIFORNIA STATE COLLEGE

AT

SAN BERNARDINO

SAN BERNARDINO, CALIFORNIA 92407
714 887-6311

Fall, Winter, and Spring Quarters 1965-66

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Archives

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SAN BERNARDINO, CA
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CALENDAR 1965-66

FALL TERM

September 28-30 Orientation
October 1 Registration
October 4 Late Registration
October 5 Classes begin
October 8 Last day to add a class
October 15 Last day to drop a class without penalty
November 25 Thanksgiving Holiday
November 26-27 College-wide reading examination
November 29-December 3 Pre-registration
December 14 Last day of classes
December 15-17 Final examinations

WINTER TERM

January 3 Registration
January 4 Classes begin
January 7 Last day to add a class
January 14 Last day to drop a class without penalty
February 25-26 College-wide reading examination
February 28-March 4 Pre-registration
March 15 Last day of classes
March 16-18 Final examinations

SPRING TERM

March 28 Registration
March 29 Classes begin
April 1 Last day to add a class
April 8 Last day to drop a class without penalty
May 20-21 College-wide reading examination
May 23 Pre-registration
May 31 Memorial Day Holiday
June 7 Final day of classes
June 8-10 Final examinations

[ 4 ]
1965

JANUARY

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FEBRUARY

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MARCH

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APRIL

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JULY

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AUGUST

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DECEMBER

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TRUSTEES OF THE CALIFORNIA STATE COLLEGES

EX OFFICIO TRUSTEES

Edmund G. Brown, LL.B. ........................................ State Capitol, Sacramento 95814
Governor of California and President of the Trustees
Glenn M. Anderson, A.B. ........................................ State Capitol, Sacramento 95814
Lieutenant Governor of California
Jesse M. Unruh, B.A. ........................................ State Capitol, Sacramento 95814
Speaker of the Assembly
Max Rafferty, A.B., M.A., Ed.D. ......................... 721 Capitol Avenue, Sacramento 95814
State Superintendent of Public Instruction
Glenn S. Dumke, A.B., M.A., Ph.D., LL.D., L.H.D. .... 2930 W. Imperial Hwy., Inglewood 90303
Chancellor of the California State Colleges

APPOINTED TRUSTEES

Appointments are for a term of eight years expiring March 1 on dates in parentheses. Names are listed in order of accession to the Board.

14 Montgomery St., San Francisco 94104
Donald M. Hart, B.A. (1968)
2230 Pine St., Bakersfield 93302
Thomas L. Pitts (1966)
995 Market St., Rm. 810, San Francisco 94103
9220 Sunset Blvd., Los Angeles 90046
Paul Spencer, B.A. (1969)
P.O. Box 145, San Dimas 91773
Theodore Meriam, A.B. (1971)
P.O. Box 370, Chico 95927
1680 Hedding St., San Jose 95113
John E. Carr, B.A. (1965)
611 Lido Park Dr., Newport Beach 92660
Mrs. Philip Conley, B.A. (1972)
3729 Huntington Blvd., Fresno 93702
E. Guy Warren, B.A. (1965)
P.O. Box 59, Hayward 94541
Daniel H. Ridder, B.A. (1967)
604 Pine St., Long Beach 90801
George D. Hart, A.B. (1967)
111 Sutter St., San Francisco 94104
Gregson E. Bautzer, B.A., LL.B. (1968)
190 N. Canon Dr., Beverly Hills 90069
TRUSTEES OF THE STATE COLLEGES—Continued

Simon Ramo, B.S., Ph.D. (1972)
8433 Fallbrook Ave., Canoga Park 91304
310 Sansome St., San Francisco 94104
Janss Corp., Kirkeby Center, Wilshire at Westwood Blvd., Los Angeles 90024

OFFICERS OF THE TRUSTEES

Governor Edmund G. Brown
President
Charles Luckman
Chairman

Albert J. Russo
Vice Chairman
Chancellor Glenn S. Dumke
Secretary-Treasurer

OFFICE OF THE CHANCELLOR
OF THE CALIFORNIA STATE COLLEGES

2930 West Imperial Highway
Inglewood, California 90303
213 757-5161

Chancellor

Glenn S. Dumke

Vice Chancellor, Academic Affairs
Raymond A. Rydell

Vice Chancellor, Business Affairs
John F. Richardson

Assistant Chancellor, Faculty and Staff Affairs
C. Mansel Keene
THE CALIFORNIA STATE COLLEGES

California State College at Fullerton
800 North State College Boulevard
Fullerton, California 92631
Dr. William B. Langsdorf, President
714 871-3300

California State College at Hayward
25800 Hillary Street
Hayward, California 94542
Dr. Fred F. Harcleroad, President
415 538-8000

California State College at Long Beach
6101 East Seventh Street
Long Beach, California 90804
Dr. Carl W. McIntosh, President
213 433-0951

California State College at Los Angeles
5151 State College Drive
Los Angeles, California 90032
Dr. Franklyn A. Johnson, President
213 225-1631

California State College at Palos Verdes
27608 Silver Spur Road, Suite 200
Palos Verdes Peninsula, California 90274
Dr. Leo F. Cain, President
213 377-6837

California State College at San Bernardino
5500 State College Parkway
San Bernardino, California 92407
Dr. John M. Pfau, President
714 887-6311

California State Polytechnic College
San Luis Obispo, California 93402
805 546-0111
Kellogg-Voorhis Campus
Pomona, California 91766
714 595-1241
Dr. Julian A. McPhee, President

Chico State College
First and Normal Streets
Chico, California 95927
Dr. Glenn Kendall, President
916 343-4411

Fresno State College
Shaw and Cedar Avenues
Fresno, California 93726
Dr. Frederic W. Ness, President
209 222-5161

Humboldt State College
Arcata, California 95521
Dr. Cornelius H. Siemens, President
707 822-1771

Sacramento State College
6000 Jay Street
Sacramento, California 95819
Dr. Guy A. West, President
916 452-3252

San Diego State College
5402 College Avenue
San Diego, California 92115
Dr. Malcolm A. Love, President
714 286-5000

San Fernando Valley State College
18111 Nordhoff Street
Northridge, California 91326
Dr. Ralph Prator, President
213 349-1200

San Francisco State College
1600 Holloway Avenue
San Francisco, California 94132
Dr. Paul A. Dodd, President
415 584-2300

San Jose State College
125 South Seventh Street
San Jose, California 95114
Dr. Robert D. Clark, President
408 294-6414

Sonoma State College
265 College View Drive
Rohnert Park, California 94928
Dr. Ambrose R. Nichols, President
707 545-7220

Stanislaus State College
Turlock, California, 95380
Dr. Alexander Capurso, President
209 632-2411
THE CALIFORNIA STATE COLLEGES

The California State Colleges are a unique development of the democratic concept of tax-supported public higher education for all qualified students. Spanning the state from Humboldt County in the north to San Diego in the south, the 17 campuses of the California State Colleges (with one additional campus now in the formative stage) represent the largest system of public higher education in the Western Hemisphere and one of the largest in the world. Current enrollment exceeds 150,000 full and part-time students. The faculty and administrative staff numbers more than 7,000.

The individual colleges, each with a geographic, curricular, and academic character of its own, offer a solid basic program in the liberal arts. Beyond this, each college is noted for its individuality in academic emphasis which makes for a diversified system. Course offerings leading to the bachelor's and master's degree are designed to satisfy existing student interests and to serve the technical and professional manpower requirements of the state. A joint doctoral program with the University of California is now underway.

The California State Colleges are dedicated to rigorous academic standards. Constant striving for academic excellence is at the heart of the system. The primary responsibility of each faculty within the system is the instructional process on the teacher-student level, with appropriate recognition of the necessary and constructive role of research in any institution of higher education.

Responsibility for the California State Colleges is vested in the Board of Trustees, which is appointed by the Governor, and the Board's administrative arm, the Chancellor. The Trustees and the Chancellor set broad policy for the colleges while delegating considerable independent responsibility for implementation at the college level.

Although the oldest of the colleges, San Jose State College, dates back a century, the California State College system under an independent Board of Trustees was created by the Donahoe Act of 1960. Formerly, the colleges were under the jurisdiction of the State Board of Education.

Today, the California State Colleges are in a particularly dynamic period of their development. Prior to World War II, there were seven State Colleges with a peak total enrollment of some 13,000. Since 1947, 10 new campuses have been developed and one more is being developed. Enrollment in the system is expected to reach 225,000 by 1970.
THE CALIFORNIA STATE COLLEGE
AT SAN BERNARDINO

ADMINISTRATIVE OFFICERS OF THE COLLEGE

John M. Pfau, Ph.D. ........................................ President of the College
George McMichael, Ph.D. .................................. Dean of Faculty
Robert H. Ross, Ph.D. ...................................... Chairman, Humanities Division
Gerald M. Scherba, Ph.D. .................................. Chairman, Natural Sciences Division
Robert R. Roberts, Ph.D. .................................. Chairman, Social Sciences Division
C. Michael O'Gara, M.S. .................................. Executive Dean
Kenneth Phillips, Ph.D. .................................... Dean of Students
Robert G. Fisk, Ed.D. ...................................... College Librarian
Arthur Nelson, M.A. (L.S.) ................................. Director of Admissions and Records
H. Stephen Prouty, M.S. ................................. Business Manager

THE COLLEGE AND ITS ACADEMIC PROGRAM

The California State College at San Bernardino will open with programs for freshmen and juniors in the fall of 1965. In its second year (1966-67) the College will offer undergraduate programs to freshmen, sophomores, juniors, and seniors. Graduate programs will be offered after 1970.

The College has adopted a three-course, three-term academic program. Under such a program, the academic year extends from October to June and is divided into three terms of about eleven weeks each. An equivalent fourth term will be offered beginning in the summer of 1966 or 1967. The plan differs from the conventional quarter system by limiting to three the number of academic courses taken by any full-time student. In each academic year a student will take a total of nine full-term courses. Thirty-six full-term courses plus three physical education courses are required for graduation. Each full-term course is the equivalent of a conventional five quarter-hour or three and one-third semester-hour course.

Under the three/three plan, each full-term course will normally meet four times a week. The student is thus in class twelve hours per week or the equivalent, instead of the traditional fifteen to eighteen or more. Such reduction of classroom time will be balanced by increased assignment of written work and greater emphasis on independent study and independent laboratory work.

This academic program is designed to afford the student the opportunity to carry on studies in depth and in breadth, to develop abilities to work independently, and to achieve intellectual growth.

ACCREDITATION

The California State College at San Bernardino is accredited by the Western Association of Schools and Colleges, the official accrediting body for institutions of higher learning in the West.

THE COLLEGE LIBRARY

The Library of The California State College at San Bernardino consists of a general undergraduate collection of 50,000 volumes. In addition, the collection includes approximately 2,000 bound periodicals. The Library currently subscribes to 750 periodicals in addition to other serial publications.
SUMMARY OF BACCALAUREATE DEGREE PROGRAMS AND COURSES OF INSTRUCTION *

In its first year, the College will admit only freshmen and juniors. Beginning with the 1965-66 academic year, the College will offer Bachelor of Arts degree programs to entering freshmen in the following fields:

- Biology
- English
- French
- History
- Mathematics
- Political Science
- Spanish

Beginning with the 1965-66 academic year, the College will offer Bachelor of Arts degree programs to entering juniors in the following fields:

- English
- French
- History
- Mathematics
- Political Science
- Spanish

COLLEGE FOUNDATION

The Foundation for The California State College at San Bernardino, a California non-profit corporation, was established in 1962 for the purpose of promoting and assisting the educational services of the College.

* See page 39 and following for complete information on courses of instruction.
ADMISSION TO THE COLLEGE
ADMISSION TO THE COLLEGE

Requirements for admission to The California State College at San Bernardino are in accordance with Title 5, Chapter 5, Subchapter 2 of the California Administrative Code as amended by the Board of Trustees of the California State Colleges on January 21, 1965. The prospective applicant who is unsure of his status under these requirements is encouraged to consult a school or college counselor or to contact the Office of Admissions at The California State College at San Bernardino.

PROCEDURES FOR ADMISSION

In its first year, the College will admit only freshmen and juniors. All students, including those attending only part-time, will be required to matriculate in the following manner:

1. Submit a completed Application for Admission accompanied by the required $5.00 application fee.
2. Have the high school of graduation send a transcript of record directly to The California State College at San Bernardino.
3. Have each college attended (if any) send a transcript of record directly to The California State College at San Bernardino.
4. Submit health history and physical examination forms to the Student Health Center (forms obtainable at the Office of Admissions).
5. Submit a completed Statement of Residence (forms obtainable at the Office of Admissions).
6. Submit the scores from one of the two national testing programs described below.

ENTRANCE EXAMINATIONS

All new undergraduates applying for admission to The California State College at San Bernardino for the academic year 1965–66, are required, as part of their application, to submit scores from one of the two national testing programs: The American College Test (ACT) or the Scholastic Aptitude Test (SAT). Tests will be administered at established test centers on the dates shown below. The procedure is as follows:

1. Obtain a registration form and a Student Information Bulletin for either the ACT or SAT from your high school or junior college counselor, or from one of the addresses below, or from the Office of Admissions and Records, The California State College at San Bernardino.
2. Select the nearest test center from the list printed in the Student Information Bulletin. Send the completed registration form and the appropriate test fee to the address shown in the bulletin.
3. Take either the ACT or SAT at the center assigned on one of the following dates.
4. Request that your scores be reported to The California State College at San Bernardino.

If either the ACT or SAT has already been taken, it is not necessary to repeat it. Send $1.00 to the appropriate testing agency and request that scores be reported to the Office of Admissions and Records, The California State College at San Bernardino. Use the appropriate code number when requesting such reports.

**Admission as a Freshman.** An applicant who has had no college work will be considered for admission under one of the following five provisions. Except as noted, submission of the result of the Scholastic Aptitude Test (SAT) or the American College Test (ACT) is required.

**California High School Graduates and Residents.** An applicant who is a graduate of a California high school or a legal resident for tuition purposes must have a grade point average and a total on SAT or a composite on ACT which provides an eligibility index placing him among the upper one-third of California high school graduates. The grade point average is based upon the last three years and does not include physical education or military science. The table below does not cover every case, but gives several examples of the test score needed with a given grade point average to be eligible for admission. Each applicant's eligibility will be computed by the College.

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<th>Grade Point Average</th>
<th>SAT OR ACT Score Needed</th>
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<td>3.20 and above</td>
<td>Eligible with any score</td>
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<tr>
<td>2.80</td>
<td>796/18</td>
</tr>
<tr>
<td>2.40</td>
<td>1,196/26</td>
</tr>
<tr>
<td>2.00</td>
<td>1,596/34</td>
</tr>
<tr>
<td>1.99 and below</td>
<td>Not eligible</td>
</tr>
</tbody>
</table>

**Non-residents Graduating From High Schools in Other States or Possessions.** An applicant who is a non-resident for tuition purposes and who is a graduate of a high school in another state or a U.S. possession must have an eligibility index which would place him among the upper one-sixth of California high school graduates for 1965-66.

**Graduates of High Schools in a Foreign Country.** An applicant who is a graduate of a foreign high school must have preparation equivalent to that required of eligible California high school graduates. The College will carefully review the
previous record of all such applicants and only those with promise of academic success equivalent to that of eligible high school graduates will be admitted. Such applicants are not required to take the SAT or the ACT.

Because of limited facilities in the College, foreign nationals are not encouraged to apply for admission in 1965–66.

**Non-high School Graduates.** An applicant who is over 21 years of age but who has not graduated from high school will be considered for admission only when his preparation in all other ways is such that the College believes his promise of academic success is equivalent to that of eligible California high school graduates.

**Other Applicants.** An applicant not admissible under one of the four above provisions should enroll in a junior college or other appropriate institution. Only under the most unusual circumstances will such applicants be permitted to enroll in the College. Permission is granted only by special action of the College.

**ADVANCED PLACEMENT FOR ENTERING STUDENTS**

The College grants advanced credit to students who have obtained a score of 3, 4, or 5 on the College Entrance Examination Board Advanced Placement Examination. For information on taking advanced placement examinations, students should consult their high school counselors or the Office of Admissions and Records of The California State College at San Bernardino.

**CLASSIFICATION IN COLLEGE**

Undergraduate students who have completed fewer than 9 full-term courses (0 to 44 quarter hours) are classified as freshmen, 9 to 18 full-term courses (45 to 89 quarter hours) as sophomores, 18 to 27 full-term courses (90 to 134 quarter hours, as juniors, and more than 27 full-term courses (135 quarter hours or more) as seniors.

**RECOMMENDED HIGH SCHOOL PREPARATION**

Overall excellence of performance in high school subjects and evidence of academic potential provide the basis for admission to The California State College at San Bernardino. While no specific course pattern is required, the applicant, to be properly prepared to undertake a full program of studies, is strongly encouraged to include the following subjects in his high school program:

1. College preparatory English.
2. Foreign language.
3. College preparatory mathematics.
4. College preparatory laboratory science.
5. College preparatory history and/or social science.
6. Study in speech, music, art, and other subjects contributing to general academic background.

**ADMISSION AS AN UNDERGRADUATE TRANSFER STUDENT**

In 1965–66, the College will limit enrollment to freshmen and juniors. Therefore, an applicant who has attempted college work will be admitted only if he has earned 60 or more semester hours and has achieved a grade point average of 2.0 (C) on all college work attempted and was in good standing at the last college or university attended.

**TRANSFER OF CREDIT**

The Office of Admissions and Records will evaluate previous college work to determine its applicability to the requirements of The California State College at San Bernardino. All degree and credential candidates will be issued a Credit Summary, indicating which requirements remain unfilled. Once issued to a student,
the Credit Summary remains valid as long as the student matriculates at the date specified, pursues the objective specified, and remains in continuous attendance. The student will not be held to additional graduation requirements unless such requirements become mandatory as a result of changes in the California Administrative Code or the California Education Code.

Credit for work completed at accredited institutions will be accepted toward the satisfaction of degree requirements at The California State College at San Bernardino within limitations of residence requirements, junior college transfer maximums, and course applicability.

A maximum of 70 semester units earned in a junior college may be applied to degree requirements at The California State College at San Bernardino. No upper division credit may be allowed for courses taken in a junior college, nor may credit be allowed for professional courses in teacher education taken in a junior college.

CREDIT FOR EXTENSION AND CORRESPONDENCE COURSES

The maximum amount of extension and correspondence credit which may be allowed toward the bachelor's degree is three full-term courses or 15 quarter hours.

ADMISSION ON ACADEMIC PROBATION

An applicant with advanced undergraduate standing who does not meet the requirements stated above is eligible for admission on probation, if in the opinion of the proper college authorities, he is likely to succeed in college.

Ordinarily, consideration for probationary admission is granted only to the mature applicant who, while his total college record does not meet the admission requirements, has demonstrated good academic ability through college work recently completed elsewhere.

Applicants who are admitted with a grade point deficiency are given probationary status and are expected to remove the entrance deficiency during the first year at The California State College at San Bernardino. A student admitted on probationary status may be restricted by his adviser to a limited program.

ADMISSION AS AN AUDITOR

Qualified persons who wish to audit courses must meet all admission requirements and must obtain a Permit to Register by presenting to the Office of Admissions and Records written authorization from the instructors of the courses to be audited. Auditors are required to pay the usual fees. Students registered as auditors may not apply for credit in such courses after the last day to add courses.

Students enrolled in classes for credit may not become auditors in such classes after the last day to drop classes.

ADMISSION TO TEACHING CREDENTIAL PROGRAMS

Admission to the College as a student does not constitute admission to a teaching credential program. Students who intend to work toward credentials must make application to the Department of Teacher Education of the College.

CANCELLATION OF ADMISSION

A student who is admitted to the College for a given term but who does not register in that term will have his admission cancelled. The student must file a new application form when he again seeks admission and must meet the then current admission requirements.

READMISSION OF FORMER STUDENTS

Students in good standing may be readmitted to the College after an absence of more than one term by filing a new Application for Admission. Students who have attended another institution since their last attendance at The California State College at San Bernardino must have a transcript of record from that institution sent directly to the Office of Admissions and Records.
SCHEDULE OF FEES
SCHEDULE OF FEES

The regular fees of the College are given below. Students are required to pay registration fees at registration. The non-resident tuition fee is required of all students who have not been legal residents of the State of California for one year immediately preceding the date of enrollment. Checks will be accepted at registration only for the amount of fees due. Fees are subject to change by action of the Trustees of The California State Colleges. Tuition is not charged to legal residents of California.

All Students:
Application fee (non-refundable) $5.00 payable by check or money order at time of applying.

Residents of California:
Material and service fee (more than one full-term course) $25.50
(One full-term course or less) $13.00

Note: Tuition payable by non-residents and foreign visa students is in addition to fees required of other students.

Non-Residents:
Tuition for three full-term courses or more (15 or more hours), maximum $167.00
Tuition for less than 15 hours: per hour $11.50

Foreign Visa Students as Prescribed by Regulation:
Tuition for three full-term courses or more (15 or more hours), maximum $85.00
Tuition for less than 15 hours: per hour $5.75

Special Fees:
Credential Fee $8.00
Late registration $5.00
Change program after filing date $1.00
Failure to meet required appointment or time limit $2.00
Late filing of student program or application for degree or credential $2.00
Parking Fees (academic year)
Regular student $27.00
Limited student $12.00
Two-wheeled vehicle $25% of regular or limited student fee
Each alternate in addition to first vehicle $3.00
Check returned for any cause $2.00
Transcript of academic record (first copy free) $1.00
REGISTRATION
REGISTRATION REQUIREMENTS

Students who have been admitted to the College are required to register each term at announced times and locations. Registration is not official until fees have been paid. No student may attend classes until his registration has been completed. A number of Academic Regulations related to registration are listed below. All students should become familiar with them as well as other pertinent portions of the college catalog.

STATEMENT OF RESIDENCE

Prior to registration each student must complete a Statement of Residence. A student in continuous attendance during successive terms is not required to file a Statement of Residence after the initial filing. Any break in attendance of more than one term does, however, require the filing of a new Statement of Residence.

LATE REGISTRATION

The last day for late registration each term will be announced in the “Class Schedule”. The college calendar in the front of this catalog contains the 1965-66 registration dates. Late registrants will find themselves handicapped in arranging their programs and must pay a $5.00 late registration fee.

CHANGE OF REGISTRATION

Each student is responsible for the program of courses for which he registers. Changes may not be made thereafter without the filing of a Change of Program form in the Office of Admissions and Records. All applications for courses dropped or added incur a $1.00 Change of Program fee.

CONCURRENT ENROLLMENT

A student enrolled at The California State College at San Bernardino may enroll concurrently for additional courses at another institution only with advance written approval from the student’s academic adviser. Permission will not be granted if the study load in the proposed combined program exceeds the units authorized at this College.

FULL-TIME–PART-TIME

Students registered for three full-term courses (exclusive of physical education) are considered to be full-time students. Part-time students are those registered for fewer than three full-term courses (exclusive of physical education).
GENERAL INFORMATION
AND
REGULATIONS AND REQUIREMENTS
ADVISORY SYSTEM

Every student is assigned a faculty member as an adviser immediately upon entrance into the College. In general, the student's faculty adviser is a specialist in the area of the student's major interest. Other advisers are provided for those students who have not yet chosen a major field of concentration.

In addition to such academic counseling, specialized counseling in vocational and personal matters is available in the Office of the Dean of Students. See "Counseling."

SCHOLARSHIP REQUIREMENTS

(a) A grade point average of 2.0 (C) or better is required on all units attempted, including those accepted by transfer from another institution.

(b) A grade point average of 2.0 (C) or better is required on all units in the major.

(c) A grade point average of 2.0 (C) or better is required on all units attempted at The California State College at San Bernardino.

GRADING SYSTEM

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A—Excellent</td>
<td>4</td>
</tr>
<tr>
<td>B—Good</td>
<td>3</td>
</tr>
<tr>
<td>C—Average</td>
<td>2</td>
</tr>
<tr>
<td>D—Passing</td>
<td>1</td>
</tr>
<tr>
<td>F—Failure</td>
<td>0</td>
</tr>
<tr>
<td>FW—Failed, withdrew</td>
<td>0</td>
</tr>
<tr>
<td>CR—Credit</td>
<td>no points</td>
</tr>
<tr>
<td>I—Incomplete</td>
<td>no points</td>
</tr>
<tr>
<td>W—Withdrawed</td>
<td>no points</td>
</tr>
</tbody>
</table>

A grade of "I" (incomplete) will be changed to a grade of "F" (failed) if the "I" is not removed within a calendar year from the date it was recorded.

GRADES FOR WITHDRAWAL

Through the 9th day of instruction in the term, the grade for withdrawal will be "W." Beginning the 10th day, the grade assigned will be: "W" if the student is passing at the time he withdraws, "FW" if the student is failing at the time he withdraws. See "Withdrawal from College" for an explanation of the procedure for withdrawal.

ACADEMIC PROBATION AND DISQUALIFICATION

A student shall be placed upon probation if his grade point average falls below a 2.0 (C) average.

A student shall be removed from probation and restored to good standing when he earns a cumulative grade point average of 2.0 (C) in all work attempted at the College.

A student on probation shall be disqualified for readmission when:

(a) As a lower division student (fewer than 90 quarter hours of college work completed) he falls 23 or more grade points below a 2.0 (C) average on all units attempted.

(b) As a junior (90 to 134 quarter hours of college work completed) he falls 12 or more grade points below a 2.0 (C) average on all units attempted.

(c) As a senior (135 or more quarter hours of college work completed) he falls 9 or more grade points below a 2.0 (C) average on all units attempted.
STUDENT COURSE LOAD
A student is normally permitted to enroll in a maximum of three full-term courses (the equivalent of 15 quarter hours). During terms in which physical education is included, a student may be enrolled in four courses (the equivalent of 17 quarter hours). Students may exceed these maximums only with the written approval of the Dean of Faculty.

REPETITION OF COURSES
When a course is repeated, the units and grade points of both the repetition and the original course are included in the grade point average. When a course is repeated, where the original grade was passing, the repetition will carry no subject or unit credit toward a degree. Grade point deficiencies incurred by courses completed at The California State College at San Bernardino may not be made up by courses taken at other colleges.

CLASS ATTENDANCE REGULATIONS
Class attendance is expected of all students enrolled at the College. The instructor in each course sets the standard he expects his students to meet in this regard. There are no excused absences.

LEAVE OF ABSENCE
A student who expects to be absent from the College for two weeks or more should apply to the Office of the Dean of Students for a leave of absence. Should the absence be for the remainder of a term, a withdrawal should be obtained.
Where such absence is caused by illness, a student must report to the Health Center upon return to the College.

RESIDENT REQUIREMENT
A minimum of nine full-term courses (45 quarter hours) must be completed at this College. At least four full-term courses (20 quarter hours) must be completed among the last six such courses (or 30 quarter hours) counted toward the degree.
Extension credit or credit by examination may not be used to fulfill the minimum residence requirement.

WITHDRAWAL FROM COLLEGE
Students who wish to withdraw from the College must complete a "Withdrawal from College" card. No student may withdraw after the date shown on the College Calendar as the last day of classes. (See "Grading System" and "Grades for Withdrawal" for an explanation of grades pertinent to withdrawal from the College.)

WRITTEN ENGLISH PROFICIENCY EXAMINATION
An English proficiency examination is required of all students in their junior year. Students who fail to pass such an examination may be required to enroll in further work in English composition.
Deficiency in writing ability may be regarded as sufficient reason for failure in any course in which the deficiency is apparent.

FOREIGN LANGUAGE COMPETENCY
Each field of major concentration in the College requires foreign language competency as a prerequisite to graduation.
Students are directed to the announcement of each departmental program for a description of specific departmental foreign language requirements.
FINAL EXAMINATIONS

Written examinations of two hours’ duration are held at the close of each term. In courses extending over more than one term, the examination in the concluding term may also cover work done in the preceding term or terms. The schedule for final examinations is established by the Registrar. Examinations may not be given before or after the scheduled period nor may the time of an examination be changed without authorization by the Dean of Faculty. Permission to take a final examination with a different section in the same course may be granted by the Dean of Faculty with the consent of the instructors concerned. Failure to take or to pass any final or other course examinations will result in such deficiencies as instructors may impose.

CREDIT BY EXAMINATION

A student may petition to receive course credit by examination. Each term the College will give such proficiency examinations similar to the regular final examinations. Students are encouraged to take proficiency examinations, especially in courses required for freshmen and sophomores.

No fee is charged for these examinations. A student who passes a proficiency examination is given credit toward graduation, provided that this does not duplicate credit counted for his admission to the College. The grade in the proficiency examination is “pass” or “fail,” but no student is given a grade of “pass” unless he has made at least “C” in the examination. No official record is made of failures in these examinations, and grades received on proficiency examinations are not considered in computing averages.

Proficiency examinations are given under the following restrictions:

1. They may be taken only by persons (a) who are in residence or (b) who are candidates for degrees and need no more than four full-term courses to complete the requirements for their degrees.
2. They may not be taken by students who have received credit for work in the subject in advance of the course in which the examination is requested.
3. They may not be taken to raise grades or to remove failures in courses.
4. Credit for no more than twelve full-term courses may be received through such examinations.
5. A student may repeat an examination for credit only upon approval of the Office of the Dean of Faculty.

Exact times and places of proficiency examinations are announced by the departments concerned. Students who wish to take a proficiency examination should consult the departmental office well in advance of the examination.

COMPREHENSIVE EXAMINATIONS

At the end of the senior year, as a prerequisite to the degree, each student will be required to pass a comprehensive examination in his field of major concentration. The examination will be designed to encourage the student to synthesize the material of his major field; it will not necessarily be related to specific course work undertaken by the student. The examination may be written or oral or both. It may be conducted by examiners from other institutions.

Students who fail to pass the comprehensive examination may be given a second opportunity, provided reasonable notice has been given to the Dean of Faculty and the academic division concerned. Further opportunities to take a comprehensive examination will be given only by permission of the academic division concerned and the Dean of Faculty.
READING PROGRAM

The college reading program is designed to further encourage independent reading and study by all students and to generate college-wide interest in contemporary intellectual issues.

Under the reading program, all students read and are examined on one or more books during each term. As a prerequisite to graduation, students are required to pass reading program examinations in two-thirds of the terms in which they are in full-time residence (or the equivalent).

PHYSICAL EDUCATION

One year (three terms) of physical education is required of all students, usually in the first two years of attendance. Permission to defer physical education may be obtained from the Office of the Dean of Faculty. A student will be excused from the physical education requirement who files a statement with the Office of the Dean of Faculty that the course is contrary to his religious beliefs.
REQUIREMENTS FOR DEGREES
UNDERGRADUATE DEGREE REQUIREMENTS

To be eligible for the bachelor of arts degree, a student must:

1. Complete a minimum of 36 full-term courses plus 3 terms of Health and Physical Education, the equivalent of 186 quarter hours of college credit.

2. Complete a minimum of 18 full-term courses and 3 term courses in General Studies which shall be distributed in the following manner:
   a. Freshman Composition 2 full-term courses
   b. Natural Sciences (including Mathematics) 5 " " "
   c. Humanities 4 " " "
   d. Social Sciences 6 " " "
   e. General Studies Senior Seminar 1 " " "
   f. Health and Physical Education 3 terms

3. Complete all requirements for a major.

4. Complete at least nine full-term courses (45 quarter hours) at this College.

5. Earn a grade point average of 2.0 (C) or better in all units attempted here and elsewhere.

6. Meet the requirements of the College Reading Program.

7. Be recommended for graduation by the faculty of the College.

A candidate for graduation should request a Graduation Requirement Check at the Office of Admissions and Records six months before he expects to graduate. No Graduation Requirement Check should be requested unless and until the senior has completed 30 full-term courses (150 quarter hours), including the current work in progress. If the candidate does not complete the requirements in the term indicated, he must request a second Graduation Requirement Check indicating the new date at which he expects to graduate.
COURSES OF INSTRUCTION
COURSES OF INSTRUCTION, 1965-66

The departments of instruction follow the section “General Studies” and are arranged in alphabetical order.

Unless otherwise stated, all courses meet for four periods per week.

PREREQUISITES

These are stated either in terms of class standing in the College or successful completion of certain preliminary courses.

DIVISIONS OF THE COLLEGE

For purposes of administration, the instructional areas of the College are grouped into three Divisions as follows:

- **Humanities**
  - Art
  - English
  - Foreign Languages
  - Music
  - Philosophy

- **Natural Sciences**
  - Biology
  - Chemistry
  - Geography
  - Geology
  - Mathematics
  - Physics

- **Social Sciences**
  - Business Administration
  - Economics
  - History
  - Psychology
  - Political Science
  - Sociology-Anthropology

In addition, courses of instruction will be offered in the following departments:

- Physical Education
- Teacher Education

Note: All information and announcements herein are subject to change without notice. All students should consult the “Class Schedule” issued before each term to determine precisely what courses will be available that term.

COURSE NUMBERING SYSTEM

The “full-term course” is the unit of measurement of academic credit at The California State College at San Bernardino. For purposes of comparison with other colleges, a full-term course matches or exceeds the standards required of a conventional 5 quarter-hour course or a 3 1/3 semester-hour course.

- 1-99 Non-credit courses
- 100-299 Lower division course designed primarily for freshmen and sophomores
- 300-499 Upper division courses
- 500-599 Courses for upper division and graduate students
GENERAL STUDIES

The General Studies program was devised to provide all graduates with a common understanding of the major fields of knowledge. For this, the College has designed a series of broad, general courses that span many fields and offer fundamental materials and ideas in the natural sciences, the social sciences, and the humanities.

The General Studies courses are planned to complement the specialized interests a student may elect to pursue in his field of major concentration. General Studies courses begin in the freshman year and continue through all four undergraduate years, culminating in the General Studies Senior Seminar.

The General Studies Senior Seminar is designed to help the student develop powers of investigation, analysis, and interpretation. Each student is obliged to select his General Studies Senior Seminar from among offerings of an academic division other than that in which his major field of concentration lies.

LOWER DIVISION

G.S. 101. Freshman Composition I
A General Studies course in expository writing and in the analytical study of prose.

G.S. 102. Freshman Composition II
A continuation of G.S. 101.

G.S. 110. Principles of Biology
First term of a two-term General Studies lecture and laboratory course which examines the nature, organization, and evolution of living systems.

G.S. 111. Principles of Biology II
A continuation of G.S. 110.

G.S. 120. Principles of Physical Science I
First term of a two-term General Studies lecture and laboratory course dealing with the basic concepts of the physical sciences, illustrated through study of the motion of bodies, atomic and molecular structure, kinetic theory and thermodynamics, and the physics and chemistry of the earth.

G.S. 121. Principles of Physical Science II
A continuation of G.S. 120.

G.S. 130. The Ideas of Mathematics
A one-term General Studies course which traces the development of mathematical ideas, and the impact of mathematical thought on our culture.

G.S. 140. World Civilizations I, the Rise of Civilization
A General Studies survey of the activities of man from the beginnings through the rise and diffusion of civilization in the era of Middle Eastern dominance to about 500 B.C.

G.S. 142. World Civilizations II, the Civilizations of the East and West
A General Studies survey of the major achievements of the great civilizations from the flowering of Greek culture to the close of the Middle Ages in Europe.
G.S. 144. World Civilizations III, the Expansion of Europe
A General Studies survey of the rise to dominance of the European states and their impact throughout the world, 1500 A.D. to the present.

G.S. 146. The United States in World Perspective
A General Studies history of the United States as it emerged from colonial status to the present time.

G.S. 150. Contemporary Civilization I
A General Studies course that describes and analyzes the political and economic systems and institutions of modern society and the issues confronting these.

G.S. 160. Contemporary Civilization II
A General Studies course that interprets contemporary society in the light of the knowledge and theories of sociology, anthropology, and psychology.

G.S. 170. Studies in Literature
A General Studies course analyzing the forms and content of literature.

G.S. 180. Studies in Music
A General Studies course on musical history and theory.

G.S. 190. Studies in Philosophy
A General Studies course on the principles of philosophy and the history of systems of thought.

G.S. 200. Studies in Art
A General Studies course on art form and genre.

UPPER DIVISION

G.S. 400. General Studies Senior Seminar
Not offered in 1965–66.

MAJOR FIELDS OF STUDY
Work in a major field of study is designed to afford each student the opportunity to engage in intensive study of a discipline.

Not later than the beginning of the junior year, each student shall select one or more specialized areas in which he wishes to concentrate. Thereafter his program will be supervised by an adviser from his chosen major department.

Major programs are available beginning in 1965–66 in the fields listed below. Students are required to complete seven or more full-term courses beyond the introductory level in their major field and to pass a comprehensive examination in their senior year.

- Biology (available to entering freshmen only)
- English
- French
- History
- Mathematics
- Political Science
- Spanish

NOTE: All information and announcements herein are subject to change without notice. Students should consult the "Class Schedule" issued before each term, to determine precisely what courses will be offered.
Art

No major program in Art will be offered in 1965–66. Courses listed below will be offered only as electives and in support of other major programs.

**LOWER DIVISION**

101. History of Art I
Ancient and classical art.

102. History of Art II
The art of the Middle Ages.

103. History of Art III
The art of the Renaissance.

104. History of Art IV
Modern Art.

105. American Art

**UPPER DIVISION**

350. Drawing and Painting I
351. Drawing and Painting II
352. Advanced Drawing
353. Advanced Painting
360. Graphics

Biology

Requirements for the major: Mathematics 101; foreign language, two terms; Chemistry 201, 202; Physics 201, 202; Biology, nine courses, 200-level or higher. Students should include in their program one course from each of the following areas: Plant and Animal Biology, Cell Biology, Genetics, Morphology and Development, Ecology, and Physiology. Biology 303, 336, and 311 are required. The departmental requirements in Physics and Chemistry fulfill the General Studies Physical Sciences requirement. During the senior year, a biology major must pass the departmental comprehensive examination.

**NOTE**: In 1965–66, the major in Biology is open to entering freshmen only.

**LOWER DIVISION**

201. General Zoology
Consideration of the characteristics of the major groups of animals. The course illustrates significant stages and variations in the evolution of animal life.

250. General Botany
Evolution of the plant kingdom, together with a consideration of the structural organization of plants.

Business Administration

No major program in Business Administration will be offered in 1965–66. Courses listed below will be offered only as electives and in support of other programs.

**LOWER DIVISION**

150. Principles of Accounting I
A course designed for the general student of business, surveying the basic accounting concepts and practices.
152. Principles of Accounting II
A continuation of 150 with special attention to the use of accounts as sources of information for analysis and decision making purposes.

UPPER DIVISION

300. Principles of Marketing
A study of marketing methods and institutions, including retail, wholesale, and industrial marketing.

310. Financial Management
A survey of the problems of business finance based on the identification, analysis, and solution of managerial problems in finance.

Chemistry
No major program in Chemistry will be offered in 1965–66. Courses listed below will be offered only as electives and in support of other major programs.

LOWER DIVISION

201–202–203. Principles of Chemistry
A three-term sequence of lecture and laboratory. The first two terms are devoted principally to atomic and molecular structure, the nature of chemical reactions, states of matter, and solutions. A comprehensive treatment of equilibrium is presented in the third. The laboratory includes work in both qualitative and quantitative analysis.

UPPER DIVISION

A three-term sequence of lecture and laboratory work dealing with the chemistry of carbon-containing compounds, with emphasis on the relation of physical properties to molecular structure, mechanisms of organic reactions, synthesis of organic compounds, and organic analysis employing both traditional and instrumental methods. Prerequisite: Chemistry 201 and 202.

Economics
No major program in Economics will be available in 1965–66. Courses listed below will be offered only as electives and in support of other major programs.

LOWER DIVISION

100. Elements of Economics I
An introduction to modern economic society with emphasis on the changing social values and institutions of the American economy, the monetary system, and the theory of income determination.

102. Elements of Economics II
The completion of the introduction to economics with emphasis on the theory of market organization, contemporary public policy issues, economic growth and development, and international trade.

NOTE: All information and announcements herein are subject to change without notice. Students should consult the “Class Schedule” issued before each term, to determine precisely what courses will be offered.
UPPER DIVISION

300. Money and Banking
   The fundamental principles of money, credit, and banking, and their exemplification in modern currency and banking practices.

302. International Trade and Finance
   The theory of international trade, international commercial problems and policies, principles of international finance, foreign exchange, currency problems, debts.

320. Labor Economics
   A study of the structure of labor organizations, their functions and role in the total economy.

330. Economic Development
   A study of the problems of development in emerging nations, including an analysis of the roles of capital shortage, population growth, and technical progress.

400. Public Finance
   A study of government revenue and expenditure programs, the tax structure, public borrowing and public debt, and the economic effects of government fiscal policies.

420. Comparative Economic Systems
   A description and analysis of the major theories and forms of economic organizations.

430. History of Economic Thought
   A study of the major innovations in economic theory from Adam Smith to the present.

450. Introduction to Econometrics
   Prerequisite: Mathematics 150 or consent of instructor. An introduction to the application of mathematics to economic theory.

460. Corporation Finance
   A study of the financial system organization, and financial management of corporations.

470. Microeconomics Theory
   A study of economic organization, emphasizing the processes of valuation, production, and distribution under varying conditions of competition and monopoly.

472. Macroeconomic Theory
   A study of the aggregate economic theory of income level, economic fluctuations, and economic growth.

English

Requirements for the major: A minimum of ten courses in English, of which two should be either English 110 and 111 or English 120 and 121. The remaining eight courses must be in the upper division.

The major must also include four full-term courses in a foreign language.

A comprehensive examination covering the major field of study will be required in the final term of the senior year.

LOWER DIVISION

110. World Literature I
   Readings in Oriental and continental European literature to the Renaissance (in English translation).
111. World Literature II
Readings in Oriental and continental European literature from the Renaissance to the contemporary period (in English translation).

120. English Literature I
Readings in English literature from the Middle Ages to the Renaissance.

121. English Literature II
Readings in English literature from the Renaissance to the contemporary period.

**UPPER DIVISION**

310. English Literature of the Middle Ages

312. English Literature of the Renaissance
Poetry, prose, and drama (exclusive of Shakespeare), of the sixteenth century.

316. English Literature of the Augustan Age
Study of the literature of the Restoration and eighteenth century.

320. English Literature of the Romantic Period
Study of the beginning of Romanticism in the eighteenth century to Byron, Shelley, and Keats.

325. English Literature of the Victorian Period

330. Modern English and American Literature I

331. Modern English and American Literature II

340. American Literature I
Critical study of the Puritan heritage, Franklin and his circle, Cooper, Irving, Poe, Cambridge poets, and Hawthorne.

341. American Literature II
Emerson, Thorouau, Melville, Whitman, and Dickinson.

342. American Literature III
Twain, Howells, James, Adams, Dreiser, Wharton, and Robinson.

350. History of Drama I
Classical and Medieval drama.

351. History of Drama II
Elizabethan (exclusive of Shakespeare), Jacobean, Restoration drama.

352. History of Drama III
18th, 19th, and 20th century drama.

360. History of the Novel I
The novel to 1800.

361. History of the Novel II
The novel from 1800 to the First World War.

365. The Elements of Poetry
A study of imagery, diction, versification, traditional forms, and structure.

370. Chaucer and His Age

375. Shakespeare I
The comedies and history plays.
376. Shakespeare II
   The tragedies.

380. Milton and His Age

385. Literary Criticism

390. Advanced Composition

395. History of the English Language

400. Grammar and Linguistics I

401. Grammar and Linguistics II

420. Studies in American Literary Figures and Genres

430. Studies in English Literary Figures and Genres

French

Requirements for the major: The minimum requirement for a major consists of the following twelve courses, or their equivalent, plus four related courses chosen in consultation with the major adviser.

A comprehensive examination covering the major field of study will be required at the end of the senior year.

LOWER DIVISION

101. Elementary French
   Pronunciation, grammar, reading, and conversation.

102. Elementary French
   Continuation of French 101.

103. Intermediate French
   Grammar, composition, and conversation; discussion in French of literary texts. Prerequisite: French 102 or its equivalent.

104. Intermediate French
   Continuation of French 103.

UPPER DIVISION

301. Advanced French
   Refinement of composition and style through translation of English literary passages into French: “explications de textes”; introduction to literary genres. Prerequisite: French 104, or equivalent.

302. Advanced French
   Continuation of French 301. Prerequisite: French 301 or equivalent.

303. Literature of the Middle Ages and the Renaissance
   Prerequisites: French 301 and 302 and the ability to understand spoken French.

304. Literature of the Seventeenth Century
   Prerequisites: French 301 and 302, and the ability to understand spoken French.

305. Literature of the Eighteenth Century
   Prerequisites: French 301 and 302, and the ability to understand spoken French.

306. Literature, 1800-1850
   Prerequisites: French 301 and 302 and the ability to understand spoken French.
307. Literature, 1850–1900
Prerequisites: French 301 and 302, and the ability to understand spoken French.

308. Literature of the Twentieth Century
Prerequisites: French 301 and 302 and the ability to understand spoken French.

German

No major program will be offered in German in 1965–66. Courses listed below will be offered in support of other major programs and as electives only.

LOWER DIVISION

101. Elementary German
Pronunciation, grammar, reading, and conversation.

102. Elementary German
Continuation of German 101.

103. Intermediate German
Reading and discussion of modern German prose and poetry, grammar review, composition, and conversation. Prerequisite: German 102 or equivalent.

104. Intermediate German
Continuation of German 103.

UPPER DIVISION

301. Advanced German
Composition, conversation, and style; introduction to literary types; oral reports. Prerequisite: German 104, or equivalent.

302. Advanced German
Continuation of German 301. Prerequisite: German 301 or equivalent.

303. The Enlightenment and Storm and Stress
Lessing, and the early works of Goethe and Schiller. Prerequisites: German 301 and 302, or consent of the instructor.

304. German Classicism
Dramas and poetry of Goethe and Schiller; study of selected critical works. Prerequisites: German 301 and 302, or consent of the instructor.

305. Survey of Nineteenth Century German Literature
Representative works of Romanticism and Realism to 1850. Prerequisites: German 301 and 302, or consent of instructor.

306. Survey of Nineteenth Century German Literature
Representative works of Realism and Naturalism. Prerequisites: German 301 and 302, or consent of the instructor.

307. Literature of the Twentieth Century
Representative works of recent and contemporary writers. Prerequisites: German 301 and 302, or consent of the instructor.

308. Readings in German Literature
The study of a selected literary genre or writer. Prerequisite: Consent of the instructor.
History

Requirements for the major: The department offers two fields of concentration for the history major: American or European. Both fields require a minimum of ten courses in the field, eight in the upper division, one of which shall be History 590. The concentration should not exclude courses in the other area. The major with a European concentration should have History 100 and 101 or equivalent lower division courses. The American concentration should include History 200 and 201 or equivalent lower division courses. Supporting courses shall be taken on consultation with the major adviser.

The major in history must also include a minimum of three terms of foreign language.

A comprehensive examination set by the department will be required in the final term of the senior year.

LOWER DIVISION

100. Early Modern Europe, the Renaissance to 1815
The institutions, culture, and political development of Europe from the Renaissance to the end of the Napoleonic Wars.

101. Modern Europe, 1815 to the Present
The institutions, culture, and political development of Europe from the Congress of Vienna to the present.

200. United States History to 1877
A survey of the history of the United States from the colonial beginnings to 1877. Satisfies State requirement in American Constitution and American History.

201. United States History, 1877 to the Present
A survey of the history of the United States from 1877 to the present.

UPPER DIVISION

302. Renaissance and Reformation
Principal political, economic, intellectual, and religious developments in Europe from about 1300 to 1648.

304. The Age of Absolutism and Enlightenment
A study of the period from 1648 to 1789, emphasizing the development of the modern state, the new scientific movement, and the growth of revolutionary ideas.

306. The Revolutionary Era, 1789-1815
The crisis in European civilization from the French Revolution to the Congress of Vienna.

308. Europe in the Nineteenth Century
A study of the political, social, and intellectual changes of the period 1815 to 1914.

310. Twentieth Century Europe
A history of Europe from the outbreak of the first World War to the present.

350. The American Colonies, 1607-1783
A history of the thirteen colonies from European origins to the attainment of independence.

352. The Early Republic
A history of the United States from the Confederation period through the administration of Van Buren.
354. Civil War and Reconstruction
  The background and causes of the Civil War and the problems of Reconstruction.

356. The United States, 1877–1917
  A history of the transformation of the nation between the end of Reconstruction and entrance into World War I.

358. Modern America
  A study of the principal developments in American life since the first World War.

360. History of Education in America
  A study of the major developments in the ideas and practices in education from the colonial origins to the present.

400. Tudor and Stuart England
  A history of the principal political, economic, religious, and intellectual developments of England from 1485 to 1714.

404. Modern Britain
  A history of Great Britain from the accession of the Hanoverian dynasty to the present.

410. Russia to 1905
  A history of the Russian civilization from Kievan origins to the Revolution of 1905.

414. Russia Since 1905
  The history of the revolutionary era and the development of the Soviet Union to the present.

510. France Since 1815
  A history of French culture and politics from the fall of Napoleon to the present.

514. Germany Since 1815
  A history of German culture and the emergence of the German state from the Congress of Vienna to the present.

550. Social and Intellectual History of the United States to 1860
  A history of American civilization to 1860, including the development of American society, thought, and culture.

552. Social and Intellectual History of the United States Since 1860
  A history of American civilization since 1860, including the development of American society, thought, and culture.

554. Foreign Relations of the United States to 1898
  A survey of American foreign relations from the American Revolution to the Spanish-American War.

556. Foreign Relations of the United States Since 1898
  The history of United States foreign relations as the nation emerges as a world power in the twentieth century.

560. History of the American West
  A survey of the western expansion of the American nation.
564. History of California
The political, economic, and social development of California from Spanish times to the present.

590. The Study of History
An introduction to the nature of History through a consideration of the problems of historical knowledge and of the works of major historians of the past.

592. Seminar in Modern European History
An intensive study of some phase of modern Europe to be developed by the instructor with the class.

594. Seminar in United States History
An intensive study of some phase of American History to be developed by the instructor with the class.

Mathematics

Requirements for the major: Ten courses in Mathematics, including Mathematics 210, 211, 212, 213, 331, and 571. Students planning to earn a high school teaching credential should elect Mathematics 539. The General Studies course in Mathematics is not required of mathematics majors. Mathematics majors are required to complete three terms of a foreign language.

A comprehensive examination in Mathematics will be required at the end of the senior year.

LOWER DIVISION

101. College Algebra and Trigonometry
Topics in algebra and trigonometry for students needing additional background work before proceeding to higher mathematics (i.e., Mathematics 210). Prerequisite: High school algebra and geometry, or equivalent.

150. Elementary Statistics
An elementary course in the basic principles of statistics, with applications to the natural and social sciences. Prerequisite: Two years of high school algebra or equivalent.

210–211–212–213. Elementary Mathematical Analysis
A four-term sequence on the basic elements of calculus. Among the topics included are plane and solid analytic geometry, differential and integral calculus, multiple integration, partial differentiation, infinite series, and an introduction to differential equations. Prerequisite: Two years of high school algebra, two terms of geometry, one term of trigonometry, or equivalent.

UPPER DIVISION

320. Introduction to Computers
An introduction to methods of preparing problems for solution on electronic computers. Applications in the natural and social sciences will be considered. Prerequisite: G.S. 130, The Ideas of Mathematics.

331. Linear Algebra
A treatment of vector spaces, linear transformations, determinants, and matrices. Geometrical applications are given which relate to other areas of mathematics and physics. Prerequisite: Mathematics 213, or equivalent, or consent of instructor.

A two-term sequence on the mathematical theories of probability and statistics as applied to the problems of sampling, analysis of data, and design of experiments. Prerequisite: Mathematics 213, or equivalent, or consent of instructor.
520. **History and Philosophy of Mathematics**

A study of the historical development of major ideas in mathematics and their logical basis. Prerequisite: Upper division standing in mathematics.

539. **Foundations of Geometry**

The foundations of Euclidean and non-Euclidean geometries. Recommended for prospective high school mathematics teachers. Prerequisite: Mathematics 213, or equivalent, or consent of instructor.

551—552. **Advanced Calculus**

A two-term sequence on advanced topics in calculus, such as limits, partial differentiation, multiple integration, line integrals, LaGrange multipliers, Green's theorem, and Fourier series. Prerequisite: Mathematics 213, or equivalent, or consent of instructor.

555. **Differential Equations**

Ordinary and partial differential equations, with applications to other areas of mathematics and to the physical sciences. Prerequisite: Mathematics 213, or equivalent, or consent of instructor.

558. **Numerical Analysis**

Interpolation and extrapolation, numerical differentiation and integration, numerical solution of ordinary and partial differential equations. Prerequisite: Mathematics 551-552, or equivalent, or consent of instructor.

561. **Functions of a Real Variable**

Functions and limits, basic convergence theorems, Riemann and Lebesque integration, general theory of differentiation. Prerequisite: Mathematics 551-552, or equivalent, or consent of instructor.

562. **Functions of Several Variables**

568. **Number Theory**

Topics from the theory of numbers, including congruences, Diophantine equations, and a study of prime numbers. Prerequisite: Mathematics 213, or equivalent, or consent of instructor.

571—572. **Modern Algebra**

A two-term sequence introducing some of the basic ideas of modern algebra, including number systems, groups, rings, fields, vector spaces, and matrix theory. Prerequisite: Mathematics 331.

581. **Topology**

An introduction to point-set topology. General topological spaces and metric spaces. Prerequisite: Mathematics 213, or equivalent, or consent of instructor.

**Music**

No major program in Music will be offered in 1965–66. Courses listed below will be offered only as electives and in support of other major programs.

**LOWER DIVISION**

101. **History of Music**

To the Renaissance.

102. **History of Music**

Renaissance to 20th century.

103. **History of Music**

20th century.
Philosophy

No major program will be offered in Philosophy in 1965-66. Courses listed below will be offered in support of other major programs and as electives only.

**LOWER DIVISION**

101. History of Philosophy I
Ancient and classical philosophy.

102. History of Philosophy II
Medieval and Renaissance philosophy.

103. History of Philosophy III
Modern philosophy.

**UPPER DIVISION**

301. Logic

305. Aesthetics

310. Ethics

315. Philosophy of Science

320. Philosophy of Education

325. Major Figures in Philosophy

Physical Education

Requirements for graduation: Each student is required to complete one year (three courses) in Health and Physical Education during his undergraduate career. In its first year, 1965-66, the College will lack facilities for Physical Education, and instruction will thus be limited to classroom courses designed to provide an understanding of body mechanics, instruction in health and hygiene, as well as appreciation of sports and activities.

The College does not offer an undergraduate major in Health or Physical Education.

Students should consult the “Class Schedule” issued each term for specific information on Physical Education course offerings during the 1965-66 academic year.

100. Physical Education

Physics

No major program will be offered in Physics in 1965-66. Courses listed below will be offered only as electives and in support of other major programs.

**LOWER DIVISION**

201-202-203. Principles of Physics
A three-term lecture and laboratory course on the basic principles of classical and modern physics, including mechanics, heat, sound, light, electricity, and magnetism.
Political Science

Requirements for the major: A minimum of ten courses in the field, eight of which shall be upper division. All majors should take Political Science 100 and 102 or equivalent lower division course work. The major also requires a minimum of three terms of a foreign language. A departmental comprehensive examination set by the department will be required in the final term of the senior year.

LOWER DIVISION

100. Introduction to Political Science
The study of the nature of politics, governmental institutions, and theories about government.

102. American Government
A study of the political structure and institutions of the American governmental system. This course will satisfy the requirement for proficiency in the United States Constitution and in California state and local government.

UPPER DIVISION

300. Comparative Government I
A study of the major governments of Western Europe, the Commonwealth, and the Western Hemisphere.

304. Comparative Government II
A study of the major governments of the Communist bloc and of Asia, Africa, and the Middle East.

310. History of Political Theory I
A study of the political ideas from the time of the Greeks to the rise of the sovereign state in the 16th century, and the ideas of Thomas Hobbes.

312. History of Political Theory II
A study of the major political ideas from Hobbes to the present, emphasizing the European theorists.

314. American Political Thought
A study of the development of political ideas in America from colonial times to the present.

320. The Legislative Process
A study of the law-making process at the state and national level.

324. Politics and Public Opinion
A study of the relations between government and the opinions of groups and individuals, including the roles of the press, propaganda, and lobbying.

326. Parties and Elections
A study of the structure, operation, and control of the American political parties and their role in the selection of state and national leaders.

330. State and Local Government
A study of the position of state and local governments in the American federal system and of the organization, power, and functions of these governments.

400. International Politics
A study of the principles and practices of international politics as developed within the nation-state system and applied to current problems.
410. American Constitution
A study of the principles of the American Constitution and the nature of the federal system.

420. Public Administration
A study of the nature, scope, and development of the American administrative system.

500. International Law
A study of the historical basis and present trends in the development of international law.

510. International Organization
A study of the historical context, basic structure, internal dynamics, and international role of the United Nations and other international organizations; and of the nature of conference diplomacy; and of the theoretical problems of world order.

520. The Soviet System
A study of Communist political theory in its Russian setting and of the development, operation, and structure of the contemporary Soviet system.

550. The Metropolitan Region
A study of the problems of the rapidly emerging metropolitan regions, the practices and principles which have been developed, and the needs of the future.

560. Political Behavior
Approaches to the study of politics emphasizing the use of quantitative methods of the social sciences.

590. Seminar in International Relations
An intensive study of some phase of international politics, law, or organization to be developed by the instructor with his class.

592. Seminar in Government
An intensive study of some phase of government to be developed by the instructor with his class.

Psychology
No major program will be offered in 1965–66. Courses listed below will be offered only in support of other major programs and as electives.

LOWER DIVISION

100. Introduction to Psychology
A study of the concepts, theories, methods, and principles of the field of psychology.

102. Introduction to Personality
A description and analysis of the major theories of personality.

300. Educational Psychology
A study of the application of psychological research and theories to the educative process.

310. Introduction to Experimental Psychology
An introduction to the study of the behavior of individuals as influenced by the behavior of others.
330. History of Psychology
A survey of the development of psychological concepts, methods, and theories from their origins to the present.

400. Child Psychology
A study of child development from infancy to adolescence.

410. Physiological Psychology
A study of the physiological basis of behavior, with emphasis on the organization and functions of the nervous system and the sense organs.

414. Perception
A study of the modern experimental work in perceiving, identifying, and organizing the physical world.

420. Abnormal Psychology
An introduction to psychopathology with considerations of the major conceptions of the nature of mental disease.

430. Comparative Psychology
A study of the mental abilities of animals, and comparison with those of man, and an evaluation of behavior from the simplest to the most complex organisms.

440. Psychological Testing
A study of the administration of psychological tests and scales, and of the interpretation and use of the data which they yield.

450. Human Learning
A study of the experimental and theoretical issues in human learning and problem solving.

Sociology and Anthropology
No major in Sociology or Anthropology will be offered in 1965-66. Courses listed below are offered only in support of other major programs and as electives.

SOCIIOLOGY—LOWER DIVISION

100. The Study of Society
An introduction to the basic characteristics and dynamics of society, culture, and personality as related to man's group behavior.

SOCIIOLOGY—UPPER DIVISION

320. Social Problems
A study of the nature and extent of the problems of present day society related primarily to family, community, and other institutions in America.

340. Sociology of the Family
A systematic and comparative analysis of family structure and change: marriage, reproduction, child-rearing, marital problems.

350. Criminology
A study of the causes of crime with emphasis on sociological factors.

400. Social Change
A study of the nature of the processes of social change, revolutionary and evolutionary, and of contemporary theories of social change.
402. Social Disorganization
A study of the causes and effects of social disorganization and the relationship to social change.

410. Racial and Cultural Minorities
A study of the minority group status in contemporary American society.

420. Population Problems
A study of the social causes and consequences of population trends.

430. Urban Sociology
A study of the nature, causes, and consequences of urbanization; metropolitan areas; location and types of cities; social and demographic characteristics of urban populations.

ANTHROPOLOGY—LOWER DIVISION

100. Introduction to Anthropology
An introductory study of fossil men and of primitive cultures, with analysis of the methods of inquiry and the current status of the field.

200. Cultural Anthropology
A study of the basic concepts and theories; economic life, kinship systems, political organization, art, religion, and magic among non-literate people.

Spanish
Requirements for the major: The minimum requirement for a major consists of the following twelve courses, or their equivalent, and four related courses chosen in consultation with the major adviser.
A comprehensive examination covering the major field of study will be required at the end of the senior year.

LOWER DIVISION

101. Elementary Spanish
Pronunciation, grammar, reading, and conversation.

102. Elementary Spanish
Continuation of Spanish 101.

103. Intermediate Spanish
Grammar, composition, and conversation; discussion in Spanish of literary texts. Prerequisite: Spanish 102 or equivalent.

104. Intermediate Spanish
Continuation of Spanish 103.

UPPER DIVISION

301. Advanced Spanish
Grammar, composition, conversation; introduction to literary genres; survey of the growth and development of Spanish civilization. Prerequisite: Spanish 104 or equivalent.

302. Advanced Spanish
Continuation of Spanish 301. Prerequisite: Spanish 301 or equivalent.

303. Survey of Spanish Literature
A survey of Spanish Literature from the twelfth century to Cervantes. Prerequisite: Spanish 301 and 302 or equivalent, and the ability to understand spoken Spanish.
304. Survey of Spanish Literature
A survey of Spanish literature from Cervantes to the death of Calderon. Prerequisite: Spanish 301 and 302 or equivalent, and the ability to understand spoken Spanish.

305. Modern Spanish Literature
Modern Spanish Literature from 1700 to the period of Romanticism. Prerequisite: Spanish 301 and 302 or equivalent, and the ability to understand spoken Spanish.

306. Modern Spanish Literature
Modern Spanish Literature from second half of the nineteenth century to the present. Prerequisite: Spanish 301 and 302 or equivalent, and the ability to understand spoken Spanish.

307. Spanish-American Literature
Spanish-American Literature from the time of the Spanish Conquest to the end of the nineteenth century. Prerequisite: Spanish 301 and 302 or equivalent, and the ability to understand spoken Spanish.

308. Spanish-American Literature
Spanish-American Literature from Modernismo to the present. Prerequisite: Spanish 301 and 302 or equivalent, and the ability to understand spoken Spanish.

Teacher Education
A program of courses is available to permit incoming freshmen and juniors to complete certification requirements for the elementary or secondary credential in a limited number of fields at the end of their fifth college year. Students should consult the Department of Teacher Education for information on requirements and the program of courses most suitable for their interests and objectives. Students who satisfy teacher education requirements will be recommended by the College for state certification.

The program in teacher education at The California State College at San Bernardino emphasizes strong preparation in the subject-matter field. In its first year, the College will offer major field preparation for teachers in Biology, English, French, History, Mathematics, Political Science, and Spanish. In addition, the College will offer in support of these majors, academic and professional courses for teachers. Note: Students should consult the “Class Schedule” each term for information on specific courses to be offered during each term of 1965–66.

COURSES OFFERED BY THE DEPARTMENT OF TEACHER EDUCATION

300. Supervised Teaching in the Elementary School
301. Supervised Teaching in the Secondary School
310. Elementary School Teaching Methods
311. Secondary School Teaching Methods
320. The Teaching of Reading

The following courses are offered in other departments in the College. Students should consult the course announcements of those departments for complete descriptions.

History 360. History of Education in America
Philosophy 320. Philosophy of Education
Psychology 300. Educational Psychology
UNDERGRADUATE PREPARATION FOR PROFESSIONAL SCHOOLS

The plan of undergraduate study at The California State College at San Bernar­
dino emphasizes a liberal education in preparing for professional or vocational
specialization. A regular program of studies in one of the established major fields is
recommended as the best preparation for later professional training.

Programs can be suited to students' individual needs in selecting courses which
are specified by many professional schools as a basis for graduate study.

Some fields of professional training are listed below. Students interested in any
of them should seek information and advisement from the division office indicated.
In all cases students are expected to fulfill the general degree requirements of the
College.

Business Administration — Social Sciences Division
Engineering — Natural Sciences Division
Government Service — Social Sciences Division
Journalism and Writing — Humanities Division
Law — Social Sciences Division
Librarianship — College Librarian
Medicine, Dentistry — Natural Sciences Division
Music — Humanities Division
Personnel Work — Social Sciences Division
Social Work — Social Sciences Division

INTERNATIONAL PROGRAMS

The California State Colleges offer academic year programs of study at a number
of distinguished universities abroad. In 1965-66 the cooperating universities are:
University of Aix-Marseille, France; Free University of Berlin and University of
Heidelberg, Germany; Waseda University, Tokyo, Japan; University of Granada
and University of Madrid, Spain; University of Stockholm and University of
Uppsala, Sweden; National University, Taiwan. Academic work successfully com­
pleted at the cooperating universities abroad may be applied toward the degree
requirements of the College in accordance with college regulations.

A selection among applicants from all California State Colleges is made on the
basis of academic, linguistic, and personal qualifications. The criteria are:

(a) Upper division or graduate standing by the beginning of the academic year
abroad.

(b) Academic achievement.

(c) Proficiency in the language of instruction.

(d) Faculty recommendations.

Cost to the student includes round trip transportation from San Francisco to
the host university, room and board for the academic year, and medical insurance.
In 1965-66 these costs are: France, Germany, Italy, Japan, Spain: $1,670; Sweden,
$1,870; Taiwan, $1,270. Payments may be scheduled throughout the year.

Programs in Japan, Sweden and Taiwan do not require previous linguistic prepa­
ratio; applicants for all other programs must demonstrate adequate facility in the
language of instruction at the host university.

Application for the 1966-67 academic year should be made early in the fall
semester, 1965. Detailed information may be obtained at The California State
College at San Bernardino, or by writing to the Office of International Programs,
The California State Colleges, 1600 Holloway Avenue, San Francisco, California
94132.
STUDENT SERVICES
COUNSELING
Students seeking professional assistance in educational, vocational, or personal matters may consult the Counseling Office.
Psychological tests and inventories designed to increase self understanding and assist in educational and vocational planning are administered and interpreted in this office.

HOUSING
Rental listings for rooms, apartments and houses are maintained in the Office of the Dean of Students. These listings are not inspected, approved, or supervised by the College.

PLACEMENT
Assistance in obtaining part-time, summer, and full-time employment is available through the Office of the Dean of Students. This office also administers the Work-Study Program of the Federal Economic Opportunity Act.

SCHOLARSHIPS AND LOANS
Descriptions of scholarships and application forms are available in the Office of the Dean of Students.
Short-term loans designed to provide emergency funds are also administered through this office.
Information and application forms for student loans under the National Defense Education Act may be obtained from the Office of the Dean of Students. This law provides for loans up to $1,000 for an academic year, with a maximum of $5,000 over a period of five years. Interest and principal payments commence one year after the borrower ceases to be a full-time student, but are written off at the rate of 10 percent for each year of public school service, up to 50 percent of the loan value.

STUDENT ACTIVITIES
The Dean of Students assists faculty and students in the development and operation of the college-wide student government association and special interest organizations and activities.

CAFETERIA
The campus coffee shop serves light meals and refreshments prepared daily for students and staff.

BOOKSTORE
Students will be able to purchase or order books and supplies needed for classes from the on-campus bookstore, owned and operated by the College Foundation. It is a non-profit operation, with any proceeds being used to further the educational aims of the College.

STUDENT HEALTH
The Student Health Center is staffed by a physician and registered nurse. They are concerned with the promotion and maintenance of student health. Services include follow-up on physical examinations which are performed by private physicians, health counseling, emergency care, referrals to appropriate private or community medical resources, and maintenance of sanitation standards for all college facilities.
STUDENT HEALTH INSURANCE

It is expected that student health insurance will be available at minimum rates, to be purchased on a voluntary basis at the time of registration. For their own protection, students are urged to purchase health insurance.

For additional information and assistance, consult the Office of the Dean of Students.

VETERANS AND VETERANS’ DEPENDENTS

Veterans who are over 30 percent disabled and unable to pursue gainful employment are eligible for vocational rehabilitation benefits under Public Law 87-815. Children (18-23 years of age) of veterans who died in service from service-connected disabilities or are totally and permanently disabled, qualify for educational benefits under Public Law 634 or 88-361. Students not qualified under federal law may qualify for assistance from the State of California, subject to residence requirements, if one of their parents is a 50 percent disabled veteran who was once 100 percent disabled or died in service or of a service-connected disability. Qualified students should request a certificate of eligibility from the nearest Veterans Administration Office well in advance of enrollment. Veterans and dependents of veterans may obtain assistance from the college Counseling Office.

VOCATIONALLY HANDICAPPED

Students who are vocationally handicapped because of physical or mental impairment may be eligible for special assistance in attending college and formulating vocational plans. The Counseling Office will assist students in contacting the local office of the Department of Rehabilitation.

GRADE REPORTS TO STUDENTS

A report of the final grade assigned in classes is sent to each student at the end of each term.

TRANSCRIPTS

Upon request to the college Office of Admissions and Records, each student will be provided with one official copy of his college record without charge. A charge of $1.00 will be made for each additional transcript requested by the student. No transcript will be supplied for college work taken in other institutions.
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