

1962

Bulletin of the University of San Diego College for Men 1962-1963

University of San Diego. College for Men

Follow this and additional works at: <https://digital.sandiego.edu/coursecatalogs-cfm>

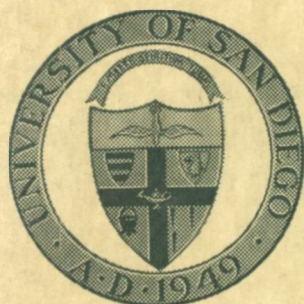
Digital USD Citation

University of San Diego. College for Men, "Bulletin of the University of San Diego College for Men 1962-1963" (1962). *College for Men Course Catalogs*. 10.

<https://digital.sandiego.edu/coursecatalogs-cfm/10>

This Catalog is brought to you for free and open access by the University of San Diego Course Catalogs at Digital USD. It has been accepted for inclusion in College for Men Course Catalogs by an authorized administrator of Digital USD. For more information, please contact digital@sandiego.edu.

BULLETIN OF THE



UNIVERSITY OF SAN DIEGO

COLLEGE FOR MEN

62-63

BULLETIN OF THE
UNIVERSITY OF SAN DIEGO

This BULLETIN OF THE COLLEGE FOR MEN is one of four bulletins published each year giving information about the colleges and School of Law of the University of San Diego. Also available are bulletins of specific information about the summer sessions, extended day program and evening schools of the University. A request for a bulletin should be addressed directly to the Admissions Office of the college or school about which information is desired, at Alcalá Park, San Diego 10, California.

Phone: CYpress 8-7711

General Bulletins

BULLETIN OF THE COLLEGE FOR WOMEN

BULLETIN OF THE COLLEGE FOR MEN

BULLETIN OF THE SCHOOL OF LAW

BULLETIN OF IMMACULATE HEART SEMINARY AND ST. FRANCIS'
SEMINARY

BULLETIN OF THE UNIVERSITY OF SAN DIEGO

Published by the University of San Diego, Alcalá Park, San Diego 10, California

BULLETIN OF THE
UNIVERSITY OF SAN DIEGO
COLLEGE FOR MEN

GENERAL INFORMATION

DEGREES AND REQUIREMENTS

COURSES OF INSTRUCTION

1962-1963

ACCREDITED BY
THE WESTERN ASSOCIATION OF SCHOOLS AND COLLEGES

The College for Men, University of San Diego, is a member of the:
American Academy of Political and Social Science
American Association of Collegiate Registrars and Admissions
Officers

American Astronautical Society, Inc.

American Council on Education

American Marketing Association

Association of American Colleges

Association of Independent California Colleges and Universities

College Entrance Examination Board

National Association of Accountants

National Catholic Educational Association

National Collegiate Athletic Association

Pacific Association of Collegiate Registrars and Admission
Officers

Western Association of Schools and Colleges

Western College Placement Association

TABLE OF CONTENTS

Calendar	2
The University of San Diego	4
The College for Men	5
Objectives	5
Officers of Administration	6
Academic Council	6
Officers of Instruction	7
Administrative Staff	10
Library Staff	10
Medical Staff	10
Standing Committees of the Faculty	11
General Information	12
The University	12
The College for Men	12
Campus	12
Chaplain	12
Buildings	12
Guidance and Counseling Center	13
Faculty Advisor System	13
Library	13
Program	13
Students Residence	14
Admission Procedure	15
Application for Admission	15
Entrance Requirements	15
Scholastic Aptitude Test	15
Matriculation	16
Financial Aids	16
Honors at Entrance	17
Veterans Certificate of Eligibility	17
Health Record	17
Estimate of Expenses	18
Academic Procedure	20
Grade Points	20
Amount of Work	20
Auditing	20
Examinations	20
Attendance	21
Honors	21
Dean's List	21
Dismissal	21
Withdrawal from College	22
Dropping and Adding Classes	22
Student Activities	23
Student Government	23
Conduct	23
Organizations	23
Degree Requirements	26
General Education Requirements	27
Foreign Language Requirement	27
Philosophy Requirement	27
Division of Business Administration and Economics	29
Department of Business Administration	29
Department of Economics	32
Division of Humanities	34
Department of English	34
Department of Philosophy	35
Division of Mathematics and Natural Sciences	37
Department of Natural Sciences	37
Preprofessional Programs	38
Department of Mathematics	42
Division of Social Science	43
Department of History	43
Courses of Instruction	45
Application form	73

CALENDAR

1962

SEPTEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

NOVEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

OCTOBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

DECEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1963

JANUARY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

MARCH

S	M	T	W	T	F	S
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

MAY

S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JULY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

APRIL

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

JUNE

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

AUGUST

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

CALENDAR

Fall Semester, 1962-1963

Sept. 5, 6, 7— Wednesday, Thursday and Friday	Registration for Fall Semester. Orientation Week.
Sept. 10—Monday	Fall Semester classes begin.
Sept. 21—Friday	Last day for class changes.
Nov. 1—Thursday	All Saints Day, University Holiday.
Nov. 5-9—	Midterm examinations.
Nov. 16—	Last date to withdraw from classes.
Nov. 21—Wednesday	Thanksgiving recess begins at noon.
Nov. 26—Monday	Classes resume.
Dec. 18—Wednesday	Christmas recess begins at noon.
Jan. 2—Wednesday	Classes resume.
Jan. 14-18	Final examinations.

Spring Semester, 1962-1963

Jan. 28, 29— Monday, Tuesday	Registration for Spring Semester.
Jan. 30—Wednesday	Spring Semester classes begin.
Feb. 12—Tuesday	Lincoln's birthday, University Holiday.
Feb. 13—Wednesday	Last day for class changes.
Feb. 22—Friday	Washington's birthday, University Holiday.
Feb. 27, 28-March 1	Retreat.
March 27-April 3—	Midterm examinations.
April 10—Wednesday	Easter recess begins at noon.
April 10—	Late date to withdraw from classes.
April 22—Monday	Classes resume.
May 23—Thursday	Ascension Thursday, University Holiday.
May 30—Thursday	Memorial Day, University Holiday.
May 31-June 7	Final examinations.
June 9	Commencement.

THE UNIVERSITY OF SAN DIEGO

THE COLLEGE FOR MEN of the University of San Diego is a privately endowed, non-profit corporation chartered by the State of California to conduct a four-year liberal arts college and empowered to grant upon the completion of its program the degrees of Bachelor of Arts, Bachelor of Science and Bachelor of Business Administration. The college is accredited by the Western Association of Schools and Colleges (Western College Association) and it is approved for veterans.

BOARD OF TRUSTEES

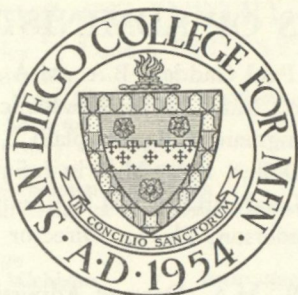
Most Reverend Charles F. Buddy, Ph.D., S.T.D., LL.D., President
Right Reverend Monsignor James T. Booth, J.C.D., Secretary
Right Reverend Monsignor Owen Hannon, V.F.
Right Reverend Monsignor Francis Ott
Right Reverend Monsignor Peter Lynch, V.F.
Right Reverend Monsignor Francis Dillon, V.G.R.
Right Reverend Monsignor Franklin F. Hurd, LL.D.
Right Reverend Monsignor Joseph V. Clarkin, V.F.
Right Reverend Monsignor Joseph R. Nunez

THE UNIVERSITY PRESIDENT AND CHANCELLOR

Most Reverend Charles F. Buddy, Ph.D., S.T.D., LL.D.

UNIVERSITY ADMINISTRATION

Right Reverend Monsignor William A. Bergin, LL.D.
President and Rector, Immaculate Heart Seminary
Very Reverend John Paul Cadden, B.A., M.A., S.T.D.
President of the College for Men
Mother Frances Danz, R.S.C.J., B.S., Ph.D.
President of the College for Women
Very Reverend Martin J. McManus, A.B., LL.B., LL.M., J.S.D.
Dean of the School of Law



COLLEGE FOR MEN

OBJECTIVES

The general objective of the College for Men is the formation of the complete man; specifically, the development of the intellectual and moral virtues which secure the foundation of a happy personal life and responsible citizenship.

Philosophy, science and the arts are integrated into a harmonious whole which offers the student the heritage of the past and the achievement of the present as an incentive and guide for future progress.

Welcoming each student without respect to his religious background, the College is, however, a Christian foundation, Catholic in the full sense of the word—embracing all that is good and true, whatever its source.

OFFICERS OF ADMINISTRATION

Very Reverend John Paul Cadden, B.A., M.A., S.T.D., President
Stephen J. Barres, B.A., M.S., Ph.D., Academic Dean
Reverend Leonard Brugman, A.B., Chaplain
Reverend Charles J. Dollen, B.A., M.S. in L.S., Director of Libraries
Reverend James A. Ganahl, B.E.E., M.S., Dean of Students
Maxine Murphy Gunderson, Ph.D., Director of Counseling and Guidance
Irving W. Parker, A.B., M.A., Dean of Admissions and Records and Director of Educational Services
Reverend Vincent J. Walters, A.B., Controller
Phil Woolpert, B.S., Director of Athletics and Head Basketball Coach

THE ACADEMIC COUNCIL

The Academic Council is a committee composed of the divisional chairmen and administrative officers responsible for the academic matters of the College. The Council meets regularly with the President of the College to correlate the academic affairs of the College.

Very Reverend John Paul Cadden, Chairman
Stephen J. Barres
Reverend Leonard Brugman
T. Hillard Cox
Reverend Charles J. Dollen
Reverend James A. Ganahl
Reverend Philip Patrick Murray
Philip N. Nacozy
Irving W. Parker
Joseph W. Ruane
Reverend Vincent J. Walters
Two members elected from the faculty at large

OFFICERS OF INSTRUCTION

- Most Reverend Charles F. Buddy, Ph.D., S.T.D., LL.D.
 President of the University Philosophy
- Very Reverend John Paul Cadden, President of the College
 B.A., University of Scranton
 M.A., Catholic University of America
 S.T.D., Catholic University of America
 Graduate Study: Georgetown University
 University of California (Berkeley) History
- Franklin L. Barnes
 B.A., Pomona College
 M.S., University of Michigan Instructor in Biology and Geology
- Stephen J. Barres, Academic Dean
 B.A., Texas Western College of the University of Texas
 M.S., Purdue University Professor of Business Administration
and Economics
 Ph.D., Purdue University
- Reverend James I. Birkley
 B.A., St. Joseph's College (Indiana)
 M.A., University of Notre Dame Assistant Professor of Theology
- *Joan C. Blaskovics
 B.A., Elmira College
 M.S., University of Wisconsin Assistant Professor of Biology
- Elliott M. Brown
 B.S., United States Naval Academy
 M.S., Ohio State University Instructor in Mathematics
- Reverend Leonard Brugman, Chaplain
 B.A., St. Ambrose College (Iowa)
- Reverend Walter P. Buetzler
 M.A., Marquette University
 Ph.D., St. Louis University Professor of Philosophy
- Reverend Thomas J. Carlin
 A.B., Holy Cross College
 M.A., Gonzaga University
 S.T.L., Weston College, (Boston)
 Ph.L., Mt. St. Michael's College Assistant Professor of Philosophy
- Reverend Francis J. Carroll
 B.A., Boston College
 M.A., Boston College Assistant Professor of Modern Languages
- Reverend Gabriel Chiodi
 B.A., Athenaeum Propaganda Fidei (Rome)
 S.T.L., Athenaeum, Propaganda Fidei (Rome) Lecturer in Theology
- Reverend Leopoldo Creoglio
 M.C.L., St. Idelphonso College (Mexico)
 Ph.D., Gregorian University (Rome) Assistant Professor of
Languages
 Ph.D., Leopold-Franzens University (Austria)
- T. Hillard Cox, Chairman, Division of Business Administration and
 Economics
 B.S.C., University of Iowa
 M.A., University of Iowa Professor of Business Administration
and Economics
 Ph.D., University of Iowa
- John Cunningham
 B.S., University of San Francisco Instructor in Physical Education
- Samuel A. R. Dagley
 Ph.B., Loyola University (Los Angeles)
 M.A., Gonzaga University Instructor in English

- Harold Dermody
 B.C.S., Northwestern University Assistant Professor of
 M.B.A., Northwestern University Business Administration
- Reverend Charles J. Dollen, University Library Director
 B.S., St. Bernard's College (New York) Associate Professor
 M.S., in L.S., University of Southern California of Theology
- Patricia J. Donnelly
 B.A., University of Wisconsin
 M.S., University of Wisconsin Assistant Professor of Biology
- Reverend I. Brent Eagen
 M.A., Loyola University of Los Angeles Assistant Professor of English
- Reverend Crescente Espeso
 B.A., St. Joseph's College (Spain)
 M.A., Loyola University of Chicago
 S.T.B., Immaculate Conception Pontifical Faculty
 (Washington, D. C.) Instructor in
 S.T.L., Immaculate Conception Pontifical Faculty Modern Languages
- *George K. Estok
 B.S., St. Vincent College
 M.S., Pennsylvania State University
 Ph.D., University of Notre Dame Professor of Chemistry
- Reverend James A. Ganahl, Dean of Students
 B.E.E., University of Santa Clara
 M.S., San Diego State College Assistant Professor of Mathematics
- Paul R. Gardiner
 B.S., University of Oklahoma Assistant Professor
 M.A., University of Southern California of Economics
- Maxine Murphy Gunderson, Director of Counseling and Guidance
 B.S., University of Chicago
 M.A., University of California at Los Angeles Associate Professor
 Ph.D., University of California at Los Angeles of Psychology
- Reverend Leo F. Lanphier
 B.A., Gonzaga University
 M.A., Gonzaga University
 Ph.L., Gonzaga University Assistant Professor of Speech and Drama
- H. Richard Leuchtag
 B.A., University of California at Los Angeles
 M.A., University of California at Los Angeles Instructor in Physics
- Reverend Paul Louis
 B.S., University of San Francisco
 M.B.A., University of Detroit Associate Professor of Business
 Ed.D., Michigan State University Administration and Economics
- John T. Martinelli
 B.B.A., Canisius College
 M.Ed., Canisius College Assistant Professor of
 M.B.A., University of Chicago Business Administration
- Reverend John Charles Meckes
 B.A., Gonzaga University
 M.A., Gonzaga University Instructor in History
- Reverend Robert A. Merikle
 A.B., Seton Hall University Assistant Director of
 M.A., Seton Hall University Counseling and Guidance
- Reverend Vieto Munary
 B.A., Liceo Comboniando (Milan)
 M.Ed., University of Detroit Instructor in Theology

- Reverend Patrick P. Murray, Chairman, Division of Mathematics and
Natural Sciences, Premedical Director
Ph.D., Gregorian University (Rome)
Agrége en Philosophie, Gregorian University, Rome Professor of
S.T.D., University della Sapienza, Vatican City Biology and Philosophy
- Philip N. Nacozy, Chairman, Division of Humanities
B.A., University of Montreal
M.A., University of California at Los Angeles
Cand Ph.D., University of Southern California
Graduate study: University of Biblos (Lebanon)
University of Montreal Associate Professor of
University of Laval (Quebec) Modern Languages
- *George K. Nies
B.S., Northern State Teachers College (S. Dakota)
M.A., Colorado State College Associate Professor of Mathematics
- Reverend William A. Nolan
A.B., St. Louis University
M.A., Loyola University of Chicago
Ph.D., Fordham University Associate Professor of Sociology
- Reverend Carlos G. Norena
Ph.L., Madrid University (Spain)
Th.L., Frankfurt University (Germany) Assistant Professor
Cand. Ph.D., Wurzburg University (Germany) of Theology
- Irving W. Parker, Dean of Admissions and Records
A.B., San Diego State College
M.A., San Diego State College Associate Professor of English
- Louis M. Rauch, Chairman, Department of Mathematics
B.A., University of California (Berkeley)
M.A., University of California (Berkeley)
Ph.D., University of California (Berkeley) Professor of Mathematics
- Reverend Francis J. Rigney
B.A., St. Bonaventure University (New York)
M.A., St. Bonaventure University
Ph.D., University of Berlin Professor of History
- Joseph W. Ruane, Chairman, Division of Social Science
B.A., St. Bernard's College
M.A., Catholic University of America
Ph.D., Catholic University of America Associate Professor of History
- Reverend William L. Shipley, Chairman, Department of Philosophy
Ph.L., Angelicum University (Rome)
Ph.D., Angelicum University Associate Professor of Philosophy
- Irene Steinle
B.A., University of Heidelberg
M.A., University of Heidelberg Instructor in Modern Languages
- Ernest P. Tovani
B.S.-E.E., University of Colorado
E.E., University of Colorado Assistant Professor of Mathematics
- Andre T. Vince
Sc. Econ. L., University of Basle (Switzerland)
M.A., University of Geneva (Switzerland)
Ph.D., University of Lyons (France)
Graduate Study, University of Illinois Assistant Professor of Economics
- Robert C. Walsh, Chairman, Department of English
B.A., Villanova University
M.A., Villanova University
Ph.D., Fordham University Professor of English

Reverend Vincent J. Walters, Controller A.B., San Luis Rey College (California)	Instructor in Mathematics
Phil Woolpert, Director of Athletics B.S., Loyola University of Los Angeles	Associate Professor of Physical Education and Head Basketball Coach
Charles R. Considine B.S., University of California C.P.A., State of California	Lecturer in Business Administration
Jack Elliott, Jr. B.S., San Diego State College B.A., University of California Graduate Study: San Diego State College	Lecturer in Physics
Edward A. Merrill, Jr. B.A., University of Maine	Lecturer in Business Administration
Robert E. Murray, Jr. B.A., St. Louis University	Lecturer in Business Administration
Frederick L. Schwartz A.B., San Diego State College M.A., University of Southern California	Lecturer in Business Administration
James J. Young A.B., Cork University M.A., Dublin University	Lecturer in English

*On Leave, 1962-63

ADMINISTRATIVE STAFF

Mrs. Lillian Gregory, Assistant Controller
 Charles King, B.A., Director of Public Information
 Curtis Lentz, B.A., B.B.A., Graduate Manager
 Anita Velazquez, B.A., Assistant to the Dean of Admissions
 and Records

LIBRARY STAFF

Mrs. Joan Damrau, R.N., Reference Librarian
 Rev. Marcel Matley, Cand., M.L.Sc., Circulation Librarian

MEDICAL STAFF

Dr. Richard Luther, M.D., Physician
 Mrs. Jean L'Heureux, R.N.

STANDING COMMITTEES OF THE FACULTY

The Very Reverend President is an ex-officio member of all committees.

Academic Standards: Dean Parker, Chairman; Mr. Nacozy, Secretary.

Members: Dean Barres, Dr. Cox, Fr. Murray, Dr. Ruane, Fr. Shipley.

Admissions and Financial Aid: Dr. Ruane, Chairman; Fr. Walters, Secretary.

Members: Fr. Birkley, Mr. Dermody, Dr. Estok, Fr. Ganahl, Dean Parker, Fr. Shipley.

Athletics: Mr. Woolpert, Chairman; Fr. Ganahl, Secretary.

Members: Mr. Martinelli, Fr. Murray, Fr. Walters.

Budget: Fr. Cadden, Chairman; Fr. Walters, Secretary.

Members: Dr. Cox, Fr. Dollen, Fr. Murray, Mr. Nacozy, Dr. Ruane, two members to be elected from the faculty.

Publications and Student Enrollment: Fr. Eagen, Chairman; Mr. Martinelli, Secretary.

Members: Mr. Nacozy, Dean Parker, Dr. Ruane.

Curriculum: Dean Barres, Chairman; Dr. Cox, Secretary.

Members: Fr. Murray, Mr. Nacozy, Dean Parker, Dr. Rauch, Dr. Ruane, Fr. Shipley, Dr. Walsh.

Discipline: Fr. Ganahl, Chairman; Mr. Tovani, Secretary.

Members: Mr. Nacozy, Fr. Rigney, Fr. Walters.

Honors: Dr. Cox, Chairman; Dean Parker, Secretary.

Members: Fr. Lanphier, Fr. Louis, Dr. Rauch, Fr. Rigney.

Library: Dr. Walsh, Chairman; Fr. Dollen, Secretary.

Members: Mr. Dermody, Mr. Nies, Dr. Ruane.

Student Services: Fr. Ganahl, Chairman; Fr. Lanphier, Secretary.

Members: Fr. Brugman, Mrs. Damrau, Mr. Nies.

Faculty Affairs: Dean Barres, Chairman; Dr. Ruane, Secretary.

Members: Mr. Nacozy, Fr. Murray, Dr. Rauch, one member to be elected from the faculty.

GENERAL INFORMATION

THE UNIVERSITY

The University of San Diego consists of two colleges, three seminaries and a School of Law. The College for Women, established and conducted by the Religious of the Sacred Heart, offers a complete program in letters, arts and sciences for the education of women. Immaculate Heart Seminary, St. Francis' Seminary, and the minor seminary of the Verona Fathers train young men aspiring to serve as priests in the Diocese of San Diego.

The School of Law conducts a three-year day program and a four-year night program of instruction leading to a Bachelor of Laws degree and fulfills the education requirements necessary for admission to the Bar of the State of California. The School of Law is accredited by the State Bar of California, by the State of New York, and is approved by the American Bar Association.

THE COLLEGE FOR MEN

Chartered in 1949 and empowered by the State of California to confer degrees upon students who have completed the courses of study prescribed by the University, the College for Men was formally opened for instruction in March, 1954, and began its first full academic year in September, 1954. It offers complete programs leading to the Bachelor of Arts and Bachelor of Business Administration degrees. The College for Men is accredited by the Western Association of Schools and Colleges (Western College Association).

CAMPUS

The College for Men shares the University's 221-acre campus, known as Alcala Park, with the College for Women, the School of Law, Immaculate Heart Seminary and St. Francis' Seminary and the Sons of the Sacred Heart House of Studies. The campus is a tableland at the western end of Kearny Mesa, high on a hill commanding inspiring views of the Pacific Ocean, Mission Bay and the Port of San Diego. The campus is ideally close to the business, residential and recreational areas of California's third largest city. Alcala Park is named after the Spanish university city of Alcala, the scene of the labors of St. Didacus (San Diego).

CHAPLAIN

The College has a regularly appointed full-time chaplain whose services are always available to any student. It is his office to see to and to provide for the spiritual good of the students.

BUILDINGS

The campus buildings consist of: the Administration Building; the Arts and Sciences Building; More Hall, the Law School building; the Knights of Columbus Memorial Library; the School of Theology; the Immaculata Chapel, the University church; the dormitory apartments; and the two large buildings that house the College for Women. A football stadium is completed and an athletic fieldhouse is under construction.

GUIDANCE AND COUNSELING CENTER

The function of the Guidance and Counseling Center is to help students in realizing the maximum value of their college education. Special assistance is provided in the areas of educational, vocational, and personal counseling. All students are acquainted with the services through orientation lectures and any student desiring to avail himself of them is afforded the help of the Center. Both individual and group counseling are available as well as testing when indicated. The program of student advising is coordinated through the Center. Particular assistance is available to students undecided as to major or contemplating change in major.

FACULTY ADVISOR SYSTEM

Students are assigned to faculty advisors for the duration of their enrollment within the department of the advisor. The faculty advisor helps the student make out his program and sees to it that the required courses are taken to meet the particular department's requirements and recommendations. The faculty advisor approves changes in programs and changes in major.

Students changing majors are reminded of the services of the Guidance and Counseling Service and should they so desire can receive aid from this service. Students with undecided majors can seek help from the Guidance and Counseling Service and in such instances the counseling service will assume some of the functions of the faculty advisor to such students until they reach a decision as to major.

LIBRARY

The Knights of Columbus Memorial Library was dedicated in May, 1958, in honor of Our Lady, Throne of Wisdom. The three story building is capable of housing and serving a quarter of a million volumes. The Library uses the open stack system; hence all books are accessible to faculty and students. The Donohue Room, donated with its 17th century furnishings by Mr. and Mrs. Daniel J. Donohue, contains a collection of rare 10th century ikons presented by Admiral William Standley, U.S.N., Ret. The Military Order of World Wars, La Jolla Chapter, has established a depository for its historical papers in the library.

PROGRAM

The College for Men offers curricula in Liberal Arts and Business Administrations. There are four academic divisions: Business Administration and Economics; Humanities; Mathematics and Natural Sciences and Social Science. In the freshman and sophomore years, students in all divisions follow a program of study that provides a general education and introduces the student to the major fields of human knowledge. In the junior and senior years, the program allows more intensive work in the student's choice of major and minor subjects.

STUDENT RESIDENCE

The College dormitories are separate apartment units capable of housing 150 students in all. All apartments accommodate four students. Each apartment has two large bedrooms, a very large study room, full-size kitchen, breakfast nook, bathroom (some have two), ample closets, extra-large patio-sundeck. Room and board is \$430 per semester. Detailed information may be obtained from the Office of the Controller.

ADMISSION PROCEDURE

Application for admission to the College for Men is made through the Office of Admissions. All applications, transcripts, credentials and letters should be addressed to that office. The application form will be found at the end of this **Bulletin**. Additional forms may be obtained by mail or in person from the Office of Admissions, University of San Diego, College for Men, Alcala Park, San Diego 10, California.

APPLICATION FOR ADMISSION

Application for enrollment must be made on the form provided by the Office of Admissions. The applicant himself must arrange with the registrars of all high schools, colleges and universities that he has attended, to forward the official transcripts of record which are part of the complete application for admission. In the case of College transfer students, two transcripts of all college work previously undertaken must be filed with the Office of Admissions. If transcripts of all previously attempted college work are not filed with the College for Men before admission, this omission renders the registration invalid; and if this is discovered at any future date, the student is liable to dismissal.

Because the College cannot issue a notice of acceptance until the application form and letters and records have been received and evaluated, applicants are advised to begin the process of application for admission as early as possible before the date they propose to register. Applications received after May 1 will only be considered in so far as there remain openings in the freshman class. Applicants are encouraged to make application at the earliest opportunity following the completion of the Fall semester in the senior year of high school. Normally students will not be notified of acceptance before the month of March.

CANDIDATE'S REPLY DATE

The College for Men observes the announced Candidate's Reply Date of the College Entrance Examination Board.

ENTRANCE REQUIREMENTS

Admission to the College for Men is based upon evidence of the applicant's fitness to profit by college work. The application form, the letters and records that accompany it, together with such tests as the Office of Admissions may deem necessary, provide the basis upon which the applicant's petition is evaluated. A personal interview is desired wherever possible, and may be required in any case at the option of the Dean of Admissions or the faculty Committee on Admissions.

SCHOLASTIC APTITUDE TEST

All applicants for admission as freshmen are required to take the Scholastic Aptitude Test of the College Entrance Examination Board. For further information or an application to take this test,

write directly to the Educational Testing Service, P.O. Box 27896, Los Angeles 27, California, or Box 592, Princeton, New Jersey. It is recommended that this test be taken during December, January, March, or May preceding the desired date of entrance. The January administration is preferred.

MATRICULATION

A student may matriculate under either Plan A or Plan B.

Plan A. A student of an accredited secondary school, may matriculate under Plan A, if he has completed with a C+ average, or at least no grade lower than C, the following program: 3 years of English, a minimum of 1 year of Social Studies, 2 years of mathematics (algebra and plane geometry), 1 year of physical or biological science with laboratory in the junior or senior year, 2 years of a foreign language and 7 units of elective subjects of which at least 3 are in academic subjects. Applicants who attain a score of 400 or more in the mathematics section of the Scholastic Aptitude Test of the College Entrance Examination Board will be considered to have fulfilled the entrance requirements in mathematics regardless of their high school math course pattern or achievement.

Plan B. This plan provides an opportunity for a very limited number of those who do not qualify for matriculation under Plan A to prove, by receiving an above average score on the Scholastic Aptitude Test, of the College Entrance Examination Board that they would profit by college work. Such a student will be considered for admission to the College on a provisional basis. Students with more than one deficiency will not be considered. At the earliest opportunity, the deficiency in his high school record must be removed by a supplementary course taken in college which will not carry college credit.

FINANCIAL AIDS

Grants in Aid

Students whose attainments in study or leadership recommend them for a college education and who are in need of financial help in order to enter college are invited to write to the College Financial Aids Committee, Office of Admissions, setting forth their need and qualifications. Also, he must obtain a Parents Confidential Statement from the College Scholarship Service, c/o Educational Testing Service, P.O. Box 27896, Los Angeles 27, California, or Box 592, Princeton, New Jersey. These forms are to be completed and disposed of in accordance with the directives of the College Scholarship Service. Financial need is considered to be a confidential matter between the student and the College. A limited number of both full and partial grants in aid are available and are awarded each year. Recipients are not notified by the Committee prior to the month of April.

National Defense Education Act

Through the College's participation in the National Defense Education Act, a loan is available for distribution to qualified students. Such funds are distributed upon application and justification by the Office of Financial Aids.

Work Opportunities

There are a few opportunities for part-time work in the College or on the campus of the University. Students who need help to finance their education may apply for these jobs after their first semester in College. There is also a student placement office, which helps obtain part-time work for students. The State of California maintains a resident staff member from the Department of Employment to aid and assist students in finding employment opportunities. But one should not plan upon part-time work as the primary means of support during the school year.

HONORS AT ENTRANCE

Freshmen students entering from high school and presenting markedly superior records of achievement may be granted Honors at Entrance. No prospective student will be considered for honors unless his record shows an excellency of at least 3.51 grade point average on a 4 point scale from high school. Recipients of Honors at Entrance and their respective high schools will be notified prior to high school graduation. This award does not convey monetary awards.

VETERAN'S CERTIFICATE OF ELIGIBILITY

A Certificate of Eligibility is required for each entering veteran. If the veteran does not have a Certificate of Eligibility from the California State Department of Veterans Affairs, he must pay all charges. He will receive a refund when the correct authorization or certificate is submitted to the Office of Veterans' Affairs. A veteran desiring to enroll under Public Law 550 or those eligible for Public Law 634 must present a Certificate of Eligibility so that the College can certify to the Veterans' Administration that he has entered into training. For further information write to Director of Veterans' Affairs, in care of the College for Men.

HEALTH RECORD

All entering freshmen and transfer students prior to September, 1963, will file a record of physical health on a form provided by the Office of Admissions on or before registration.

Effective for September, 1963, all entering freshmen and transfer students will file a statement of good physical health signed by a licensed physician.

The filing of either the health record or physician's statement is not necessary for admission.

ESTIMATE OF EXPENSES

TUITION AND FEES

Tuition (for a program of 11 to 17 units)	\$325.00
Tuition, per unit, over 17	25.00
Tuition, per unit, under 11	30.00
Books and supplies, per semester	25-40.00
Room Deposit	20.00
Room and Board, per semester	430.00
Board (Off campus residents)	250.00

Payments for room and board (or Board only) do not include:

1) Christmas vacation, 2) the week's vacation between semesters, or 3) the Easter vacation. For each of these vacations, the rooms must be vacated by 3 p.m. the day vacation begins. The room will be ready for re-occupancy by 6 p.m. the day before school reconvenes. In the event that circumstances make it necessary to live on campus during these vacation periods, special clearance must be made each time through the Dean of Students and the Business Office. The charge for vacation occupancy and board is \$30.00 per week. (Students must furnish own blankets and pillows.)

Student Body Fee, per semester (all registered students)	15.00
Student Insurance, for calendar year, payable in September	20.00
Application Fee (payable upon application for admission)	10.00
Re-application Fee	5.00
Late Enrollment Fee	15.00
Late Registration Fee	10.00
Change of Program Fee	3.00
Special Examinations, each	5.00
Laboratory Fees	15.00
Graduation Fee (includes Graduate Record Exam Fee)	30.00
Transcript Fee (for each official copy after first, which is free)	1.00

TERMS

All charges are payable by semester in advance.

For those who desire to spread payments over the entire year, information concerning a monthly payment plan which is acceptable to the University will be sent on request. The University requires that all contracts for the monthly payment plan must be signed by one of the parents of the student. This is true even when the student is over 21 years of age.

REFUNDS

No refund or credit is given unless a student withdraws officially from a class or from the college.

No refund given to any student who is dismissed or suspended from the college for disciplinary reasons.

Tuition

Full refund, if withdrawal is within one week after first class period. One-half refund or credit, from the second week to completion of the fourth week. No refund after completion of the fourth week.

Room and Board

No refund on room is made unless the room is re-rented to another student who is not presently living on campus. The refund is determined from the date of re-rental. There is no refund for the last month of a semester. Refund for board (\$250.00 of the \$430.00 charges) is based on a per diem charge of \$2.75 from the first day of the semester until date of withdrawal.

ACADEMIC PROCEDURE

GRADE POINTS

Marking at the College for Men is on an alphabetical basis. For each unit attempted, grade points are assigned according to the mark or grade achieved.

A—Superior	4 Grade Points
B—Very Good	3 Grade Points
C—Average	2 Grade Points
D—Inferior	1 Grade Point
F—Failed	0 Grade Points

Inc.—Incomplete because of approved excuse. One academic year is allowed each student to remove an incomplete. After that time the incomplete will be considered as a grade of F. When work is completed, the grade achieved is recorded.

WP—Withdrawn with permission while passing course.

WF—Withdrawn with permission while failing course, or unofficially withdrawn. Same as F grade.

The Grade Point average is obtained by dividing the total number of grade points by the total number of attempted units.

An incomplete course, a failure or a withdrawal will not count as fulfilling any requirement. When a course that has been previously failed is subsequently passed, the failure is not expunged from the record and is accounted for in the grade point average.

AMOUNT OF WORK

The normal amount of work allowed each semester is 16 academic units. This may be increased to 18½ by the student's counselor, but not beyond that except by the written permission of the divisional chairman and with the approval of the Dean of Admissions and Records. This permission will be granted only rarely and when the student has demonstrated the need and the ability to carry the additional load with profit. Normally no overload will be approved unless the grade point average demonstrates a minimum excellency of B (3.0) in the cumulative record and for the previous semester.

AUDITING

Courses may be audited by regularly enrolled students or by persons not regularly enrolled in the College, with the consent of the instructor and the Records Office. Auditing fees are the same as those for regular tuition. No auditing student may subsequently register for credit in the course he is auditing, during the progress of the course after the late registration period has passed or after completing the course. Retroactive credit for a course previously audited can never be granted.

EXAMINATIONS

Dates and schedules for the final examinations are drawn up by the Dean of Admissions and Records and are not to be changed without his knowledge and consent.

No formal midterm examinations are required, but this matter is left in the hands of the instructors, who may schedule midterms to be held during regular class periods.

Twice each semester, at the end of the first six week and the second six weeks, instructors are asked to inform the Academic Dean through the Records Office of any student in danger of receiving a D or an F in any course, so that timely counsel may be given.

ATTENDANCE

Students are obliged to attend all scheduled classes in the courses in which they are registered. Nevertheless, some absences are allowed to cover illness and other legitimate reasons why the student cannot be present. If absent for such legitimate reasons, the student will be allowed to make up for missed examinations, papers due etc.

The instructor is empowered to mark anyone absent who is not present at the start of class. He may admit or refuse admission to the late student and is not obliged to change the absent marking even if the student is admitted. Students who are habitually tardy may be referred, at the discretion of the instructor, to the Administration for appropriate action.

The number of class meetings per week gives the number beyond which no student may normally be absent from a class and still receive credit for the course.

Only in cases in which hardship is involved and in which the Administration, after consulting the instructor or departmental chairman, judges that the student is capable of doing so with profit, will the student be allowed to continue in a course in which he has excessive absences.

HONORS

When the College approves the granting of a degree, it may also authorize that it be granted with honors. In no case will honors be granted if the academic record, both at the College for Men and at other colleges the student has attended, does not show excellency of 3.96 grade points for *summa cum laude*, 3.76 grade points for *magna cum laude* and 3.51 grade points for *cum laude*. A student placed on disciplinary probation at any time will not normally be considered for honors at graduation.

ACADEMIC DEAN'S LIST

After each semester the Dean's List will be posted, on which the names of those students with a 3.76 grade point average achieved during the preceding semester will appear as receiving first honors, and the names of those who have achieved a 3.51 grade point average will appear as receiving second honors. Students receiving either first or second honors are personally commended by the Academic Dean.

DISMISSAL

All matters of dismissal for scholastic deficiencies or personal misdemeanors are the care of the President of the College, to whom instructors are expected to submit such difficulties through the appropriate administrative officers.

WITHDRAWAL FROM COLLEGE

No student will be officially withdrawn from the College until the form provided by the Records Office is completed and filed in that office. The individual student is responsible to obtain, circulate and file this form.

DROPPING AND ADDING CLASSES

After registration, no course may be added or dropped, except through the Records Office, on specially provided forms. Unofficial withdrawal from a course results in a mark of F.

STUDENT ACTIVITIES

STUDENT GOVERNMENT

All authority in the College for Men is derived from the Most Reverend Bishop, the President of the University.

This authority is delegated, according to specific norms, to the Officers of the Administration and to the Student Body.

Because the College for Men believes that preparation for life in a democracy is aided by actual student participation in democratic forms, and because it believes that the students should, within limits, exercise authority over their own social affairs, it grants to the students certain authority within the framework of the Student-Body Constitution, which it approves, to plan, execute and discipline their social affairs.

The Student Officers and the Student Council, to whom authority is delegated according to the Student-Body Constitution, exercise this authority in the context of the whole and for the good of the whole.

The organization of the student government is indicated in the Student-Body Constitution.

CONDUCT

The College for Men assumes its students are in agreement with its purposes and philosophy. All are expected to govern their conduct according to the norms of Christian gentility and good taste. Any behavior on or off campus that may bring discredit to the individual or to the College may result in disciplinary action, including dishonorable dismissal from the College.

Dress. All are expected to dress in clothes that are in good taste for their surroundings. All students are expected to be clean and neat and free from all slovenliness with regard to their clothes and their persons.

Autos. Parking space is provided for those students driving to classes. All are expected to park their cars only in assigned areas and to respect the areas that are restricted to faculty and visitors. Careful, slow driving along Marian Way between the University buildings is insisted upon. The College for Men expects its students to give good example to the community and to bring credit to the University by their courteous and careful driving. All autos that are brought on campus are to be registered with the Dean of Students on the forms provided and are to display an appropriate parking emblem.

LETTERMAN'S CLUB

This organization consists of members of the Associated Student Body who have excelled in athletic competition. Approval of the Athletic Department is required for all members.

ACCOUNTING SOCIETY

The purpose of this Society is to encourage and promote the study of accountancy in its highest standards. It serves as a medium between student, instructors, and other professional accounting organizations. Members will take part in field trips, professional lectures by outsiders, and are encouraged to become members of the American Accounting Association, National Association of Accountants, and also to continue the study of accountancy in graduate schools until their goal is obtained.

S.A.M.

Students have an opportunity to join the Society for Advancement of Management, a national professional management organization. S.A.M. gives its members a chance to practice and further their business studies through participation in programs of the chapter and in their association with business leaders in San Diego.

CIRCLE K

The Circle K is a campus service organization similar to adult service clubs and is sponsored by the Downtown Kiwanis Club of San Diego. Through its activities and projects the club offers service to the campus, to the school, and to the community.

STUDENT PLACEMENT OFFICE

The California Department of Employment, in cooperation with the University, provides a full-time representative on campus with an objective of obtaining part-time jobs for students and promulgation of information concerning occupational data.

The student's primary responsibility is to his studies, therefore it is recommended that students do not attempt to work more than twenty hours per week.

Students interested in work should apply at the Student Placement Office, Hall of Science Building.

ATHLETICS

The College for Men offers a program of intramural sports and maintains a schedule for intercollegiate games in varsity basketball, baseball and golf. This program receives the enthusiastic support of the University of San Diego Booster Club, organized late in 1955.

AUXILIARY ORGANIZATIONS

Besides the Booster Club, the College has two other auxiliary organizations which render highly appreciated and most valuable aid, both socially and financially: The University of San Diego Auxiliary, a group of San Diego women interested in the College, founded in 1956; and the Alcala Guild, a group of mothers and wives of students, founded in 1959.

DRAMATICS

The Alcala Masquers, an active dramatic organization on campus, produces three major dramatic productions each academic year. The Masquers is a member of the National Catholic Drama Conference.

The tradition of presenting annually a Passion Play, "The Betrayal," on Palm Sunday in the Alcala Theatre, open air pavilion on the campus, is now well established.

FRATERNITIES

There exist two social fraternities recognized by the College. One is Phi Delta Chi, the other, Pi Kappa Epsilon. Each fraternity has as its aim the social, intellectual, and moral development of its individual members. One other social fraternity, Alpha Delta Gamma, is under consideration for recognition. In addition, a service fraternity, Sigma Tau Sigma, is under consideration for recognition.

GAVEL CLUB

The Gavel Club is a forensic society organized to foster activity in public speaking and debate. Members participate in local, state, and national tournaments. The Gavel Club is a member of the Southern California Collegiate Forensics Association and the Western Speech Association.

DEGREE REQUIREMENTS

For the reception of a degree, a minimum of 128 College units are required. A unit is defined—unless otherwise specified in this catalog or emendation thereof—as one recitation or lecture period or one laboratory period a week for one semester.

A general over-all average of C (2.00 grade points) in all work attempted in College is required for graduation. In addition to this, an average of C (2.00 grade points) is required in all academic courses.

Of the 128 units required for graduation, 48 must be in upper division courses, i.e., those bearing numbers of 100 or above. As a prerequisite for enrolling in upper division courses it is required that a student have achieved upper division status, i.e., have completed at least 64 lower division units. In certain circumstances a student will be allowed to enroll in an upper division course if simultaneously during that same term he will have completed the 64-unit requirement.

Preferably during the freshman year (especially for mathematics and science majors), and certainly early in the sophomore year, each student is expected to make a definite choice of his field of concentration (or major). A late choice of his field of concentration may result in a longer stay at the College before graduation in order to make up the necessary prerequisites for the field selected.

A minimum of 24 units in courses numbered 100 or above are required in the upper division courses in the field of concentration or major. An average grade of C (2.00 grade points) is required in these courses. Each particular department prescribes certain lower division courses as prerequisites for the upper division work.

In addition to the major field, each student must select an associated field as his minor field of concentration and must complete at least nine upper division units in this field, as well as six lower division units to a minimum total of fifteen units combined. An average grade of C (2.00 grade points) is required in these courses.

A comprehensive examination in the major field and in philosophy may be required as a condition for graduation.

A total of the last 30 semester hours are to be completed at the College. Six of these hours must be in advanced courses in the major subject or field of concentration. In certain extraordinary circumstances a few remaining requirements may be met at another institution after the minimum 30 hours have been completed in the College. To qualify for this privilege, a candidate for a degree must petition in writing and receive formal permission from the Academic Dean through the Records Office.

PETITION FOR GRADUATION

In the beginning of the second semester of the junior year, all students are required to file a petition for graduation if they wish to graduate in the spring of the following year, so that they may be advised in due time of courses that they will be required to complete. The petition for graduation is to be accompanied by the graduation fee.

FOREIGN LANGUAGE REQUIREMENT

Fourteen units in the same language are required for the Bachelor of Arts degree. This requirement is usually met by a sequence of four college courses in the same language, viz. 1, 2, 3, 4. Each year of high school language passed with a B average will satisfy 3 units of this requirement without, however, reducing the total number of units required for lower division. A student may enroll at any point in the sequence of college courses for which his previous training has prepared him. Students who transfer college credit in a foreign language will not be allowed credit for repeating a course for which transfer credit has been granted. Those who already have skill in a foreign language but no academic credit for it may satisfy the requirement by an examination.

GENERAL EDUCATION REQUIREMENTS

English	12*
English 1A, Rhetoric and Composition	3
English 1B, Research and Literature	3
English 40, Literary Masters of England	3
English 42, Literary Masters of America	3
Language, Foreign (4 semesters in the same language)	14**
Philosophy (to be taken in proper sequence)	18
Physical Education ($\frac{1}{2}$ unit each lower division term unless exempt)	2
Sciences, Laboratory	8
Social Sciences	12*
History 17A, U.S. History and Constitution	3
History 17B, U.S. History and state and local governments	3
Economics and/or other social sciences	6
Speech	2***
Theology (1 unit each term by every Catholic student)	8
<hr/>	
TOTAL CREDIT UNITS	76

* Note exceptions for B.B.A. students.

** B.B.A. students are not required to take a language.

*** Other speech offerings may be taken with approval.

Students requiring a teaching minor (other than the philosophy minor) may substitute for electives: 6 units in lower, and 9 units in upper division work in a particular field.

PHILOSOPHY REQUIREMENT

Besides the area of concentration (major), the College for Men requires a certain concentration also in Philosophy in order that all students may reach maturity in judgment and achieve solid grounding in principles that will establish a sound foundation for life.

This requirement is 18 units, to be taken in the following order:

- Philosophy 32 (Logic)
- Philosophy 54 (Philosophy of Man)
- Philosophy 110 (Philosophy of Being)
- Philosophy 120 (Philosophy of God)
- Philosophy 131A (Philosophy of Conduct)
- Philosophy 131B (Philosophy of Conduct)

Philosophy Requirement for Transfer Students

Lest too great a hardship be imposed on students who transfer from other universities, the Philosophy requirement for transfer students will follow these schedules (odd numbers indicate fall semester, even numbers spring semester):

In 2nd semester of freshman and 1st semester of sophomore year:

- | | |
|-------------------|--------------------|
| 3. Philosophy 32 | 6. Philosophy 120 |
| 4. Philosophy 54 | 7. Philosophy 131A |
| 5. Philosophy 110 | 8. Philosophy 131B |

In 2nd semester of sophomore year:

- | | |
|-------------------|--------------------|
| 4. Philosophy 54 | 6. Philosophy 120 |
| 5. Philosophy 110 | 7. Philosophy 131A |
| | 8. Philosophy 131B |

In 1st semester of junior year:

- | | |
|-------------------|--------------------|
| 5. Philosophy 110 | 7. Philosophy 131A |
| 6. Philosophy 120 | 8. Philosophy 131B |

In 2nd semester of junior year:

- | | |
|------------------|--------------------|
| 6. Philosophy 54 | 7. Philosophy 131A |
| | 8. Philosophy 131B |

In 1st semester of senior year:

- | | |
|--------------------|--------------------|
| 7. Philosophy 131A | 8. Philosophy 131B |
|--------------------|--------------------|

DIVISION of BUSINESS ADMINISTRATION and ECONOMICS

T. Hillard Cox, Chairman; Charles Ray Considine, Harold Dermody, Rev. Paul Louis, John T. Martinelli, Edward A. Merrill, Jr., Robert E. Murray, Jr., Frederick L. Swartz.

OBJECTIVE

The objective of the Division of Business Administration and Economics is to inculcate students of business and economics with cultural and professional knowledge that will enable them to become good citizens, compete with high standards in business and appreciate the spiritual values of life.

The Division offers two curricula leading to: (1) a Bachelor of Business Administration degree with a field of concentration (major) in Accounting, Management or Marketing; and (2) a Bachelor of Arts degree in Economics.

CHARLES RAY CONSIDINE AWARDS

The Charles Ray Considine awards are annual monetary awards for excellence in the Division of Business Administration and Economics. One award is given to the top student within the division. Awards are given to the top student in each field of concentration: Management, Marketing, Accounting, and Economics. The above awards are granted solely on academic merit on the recommendation of the Division to the faculty committee on Honors.

STUDENT ADVISORY COUNCIL

The Student Advisory Council of the Division of Business Administration and Economics was established in the fall of 1959 to provide a means of communication between the elected members of the sophomore, junior and senior classes and their faculty. The students and faculty meet periodically to discuss such matters as activities, complaints, policies and suggestions. The Chairman of the Division acts as the chairman of the Council.

Furthermore, each student in the Division is assigned to a separate member of the faculty who acts as his advisor.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION

1. A student must complete the general education requirements of the College as set forth in this catalogue.

2. In addition to the general education requirements the following courses must be completed:*

Business Administration 6A, 6B	8
Business Administration 21, 50, 131	9
Business Administration 141A, 141B, 140	9
Economics 1A, 1B	6
Economic Theory (Econ. 101, 122 or 141)	3
Finance (Bus. Ad. 111, 112 or Econ. 111)	3
Business Administration 190	3

*Strongly recommended are courses in Psychology, American and English Literature and other approved courses in other divisions.

FIELD OF CONCENTRATION

The freshman and sophomore years (lower division) are not spent in specialization, but rather in establishing a foundation for a broad liberal education. During their sophomore year, Business Administration students are required to seriously consider a field of concentration in Accounting or Management or Marketing, which will be undertaken in their junior and senior years.

THE ACCOUNTING TEST PROGRAM

The Division of Business Administration and Economics has initiated, effective Spring, 1962, the Accounting Testing Program. These tests, prepared by the American Institute of Certified Public Accountants are administered to all students concentrating in the field of accounting. The results of the tests serve to:

- Assist the College counselor in advising students considering a career in accounting.
- Provide the student and instructor with a progress check early in the accounting courses.
- Aid accounting seniors in finding employment by furnishing objective measurements of aptitude and proficiency to prospective employers.
- Help the University compare the aptitude and achievement of our students with other participating colleges and universities.

The tests are on two levels: Level I is for students completing their first and/or second year of accounting. Level II is an achievement test for senior students.

RECOMMENDED PROGRAM OF STUDY

Freshman

Semester I		Semester II	
Course	Units	Course	Units
English 1A	3	English 1B	3
Science	4	Science	4
Mathematics 6	3	Mathematics	3
Philosophy 32	3	Philosophy 54	3
Theology 1	1	Theology 2	1
Physical Education	1/2	Physical Education	1/2

Sophomore

Economics 1A	3	Economics 1B	3
History 17A	3	History 17B	3
Speech	2	Elective L.D.	3
Theology 3	1	Theology 4	1
Business Administration 6A	4	Business Administration 6B	4
Business Administration 21	3	Business Administration 50	3
Physical Education	1/2	Physical Education	1/2

ACCOUNTING

Junior

Business Administration 140	3	Finance	3
Philosophy 110	3	Philosophy 120	3
Theology 101	1	Theology 102	1
Business Administration 141A	3	Business Administration 141B	3
Business Administration 101	4	Business Administration 106	3
Business Administration 131	3	Electives	3

Senior

Philosophy 131A	3	Philosophy 131B	3
Theology 103	1	Theology 104	1
Economic Theory	3	Business Administration 144	3
Business Administration 103	3	Business Administration 108	3
Business Administration 110	3	Business Administration 190	3
Electives	3	Electives	3

MANAGEMENT

Junior

Business Administration 140	3	Finance	3
Philosophy 110	3	Philosophy 120	3
Theology 101	1	Theology 102	1
Business Administration 141A	3	Business Administration 141B	3
Business Administration 121	3	Business Administration 122	3
Business Administration 131	3	Electives	3

Senior

Philosophy 131A	3	Philosophy 131B	3
Theology 103	1	Theology 104	1
Economic Theory	3	Business Administration 144	3
Business Administration 123	3	Business Administration 190	3
Electives	6	Electives	7

MARKETING

Junior

Business Administration 140	3	Finance	3
Philosophy 110	3	Philosophy 120	3
Theology 101	1	Theology 102	1
Business Administration 141A	3	Business Administration 141B	3
Business Administration 131	3	Business Administration 132	3
Business Administration 134	3	Electives	3

Senior

Philosophy 131A	3	Philosophy 131B	3
Theology 103	1	Theology 104	1
Economic Theory	3	Business Administration 144	3
Business Administration 133	3	Business Administration 190	3
Electives	6	Electives	7

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS IN ECONOMICS

The Bachelor of Arts program in Economics is designed to provide a liberal education that is also conducive towards the development of an analytical mind, which will enable the student to understand, evaluate, and exercise good judgment concerning public policy and business decisions.

Economic majors must fulfill the following requirements:

1. A student must complete the general education requirements of the College as set forth in this catalogue.
2. In addition to the general education requirements, the following courses must be completed:

Economics 1A, 1B	6
Economics 101, 111, 133, 141, 142, 180	18
Mathematics 6 and another Mathematics course	6
Business Administration 140	3

Strongly recommended are Business Administration 6A, 6B, Business Administration 144, a course in Psychology and other approved courses in other Divisions.

RECOMMENDED PROGRAM OF STUDY

Bachelor of Arts—Economics Major

Freshman

Semester I		Semester II	
Course	Units	Course	Units
English 1A	3	English 1B	3
History 17A	3	History 17B	3
Mathematics 6	3	Mathematics	3
Language 1	4	Language 2	4
Speech	2	Theology 2	1
Theology 1	1	Physical Education	1/2
Physical Education	1/2		

Sophomore

Economics 1A	3	Economics 1B	3
English 40	3	English 42	3
Language 3	3	Language 4	3
Philosophy 32	3	Philosophy 50	3
Social Science Elective	3	Social Science Elective	3
Theology 3	1	Theology 4	1
Physical Education	1/2	Physical Education	1/2

Junior

Economics 101	3
Philosophy 110	3
Science	4
Business Administration 140	3
Theology 101	1
Elective	3

Economics 111	3
Philosophy 120	3
Science	4
Elective U.D.	3
Theology 102	1

Senior

Economics 133	3
Economics 141	3
Economics U.D.	3
Philosophy 131A	3
Theology 103	1
Elective U.D.	3

Economics 180	3
Economics 142	3
Economics U.D.	3
Philosophy 131B	3
Theology 104	1
Elective U.D.	3

DIVISION OF HUMANITIES

Philip N. Nacozy, Chairman; Rev. James I. Birkley, Rev. Walter P. Buetzler, Rev. Thomas J. Carlin, Rev. Francis J. Carroll, Rev. Leopoldo Creoglio, Samuel A. R. Dagley, Rev. I. Brent Eagen, Rev. Crescente Espeso, Rev. Leo F. Lanphier, Rev. Vieto Munary, Rev. Carlos G. Norena, Irving W. Parker, Rev. William L. Shipley, Irene Steinle, Robert C. Walsh, James J. Young.

OBJECTIVE

The Division of Humanities sets as its particular objective a cultural background for life. All effort possible is made to provide a curriculum that will fit the student, not for a particular vocation, but to perfect his faculties, mature his judgment, guide his tastes and solidify his sense of values.

Such a program is calculated to educate the whole man, prepare him for life as a man and fit him in a general way for any particular field he may choose.

The Division of Humanities has four departments: Department of English, Department of Languages, Department of Philosophy, Department of Theology.

The Division offers two major fields of concentration—English and Philosophy—and courses in Classical Languages, Modern Languages, Speech and Drama, Theology.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS IN ENGLISH

1. A student must complete the general education requirements of the College as set forth in this catalogue.
2. In addition to the general education requirements the following courses must be completed:

American Literature 6
 English 100, 105, 117A-117B, 110 OR 12012

3. All English majors are required to take a culture test in May of the sophomore year. Transfer students planning to major in English must sit for this examination either before enrollment or during a specified hour at the time of registration.

RECOMMENDED PROGRAM OF STUDY

Bachelor of Arts—English Major

Semester I		Freshman	Semester II	
Course	Units		Course	Units
English 1A	3		English 1B	3
Language 1	4		Language 2	4
Philosophy 32	3		Philosophy 54	3
Speech	2		Theology 2	1
Theology 1	1		Physical Education	½
Physical Education	½			

Sophomore

English 40	3	English 42	3
Language 3	3	Language 4	3
History 17A	3	History 17B	3
Economics 1A	3	Economics 1B	3
Theology 3	1	Theology 4	1
Elective	3	Elective	3
Physical Education	½	Physical Education	½

Junior

English 117A	3	English 117B	3
English 100	2	English 110 or 120	3
English 105	1	American Literature	3
American Literature	3	Philosophy 120	3
Philosophy 110	3	Science	4
Science	4	Theology 102	1
Theology 101	1		
English 101	1		

Senior

English U.D.	3	English U.D.	3
English U.D.	3	English U.D.	3
Philosophy 131A	3	Philosophy 131B	3
Theology 103	1	Theology 104	1
Electives U.D.	6	Electives U.D.	6

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS IN PHILOSOPHY

1. A student must complete the general education requirements of the College as set forth in this catalogue.
2. In addition to the general education requirements the following courses must be completed:

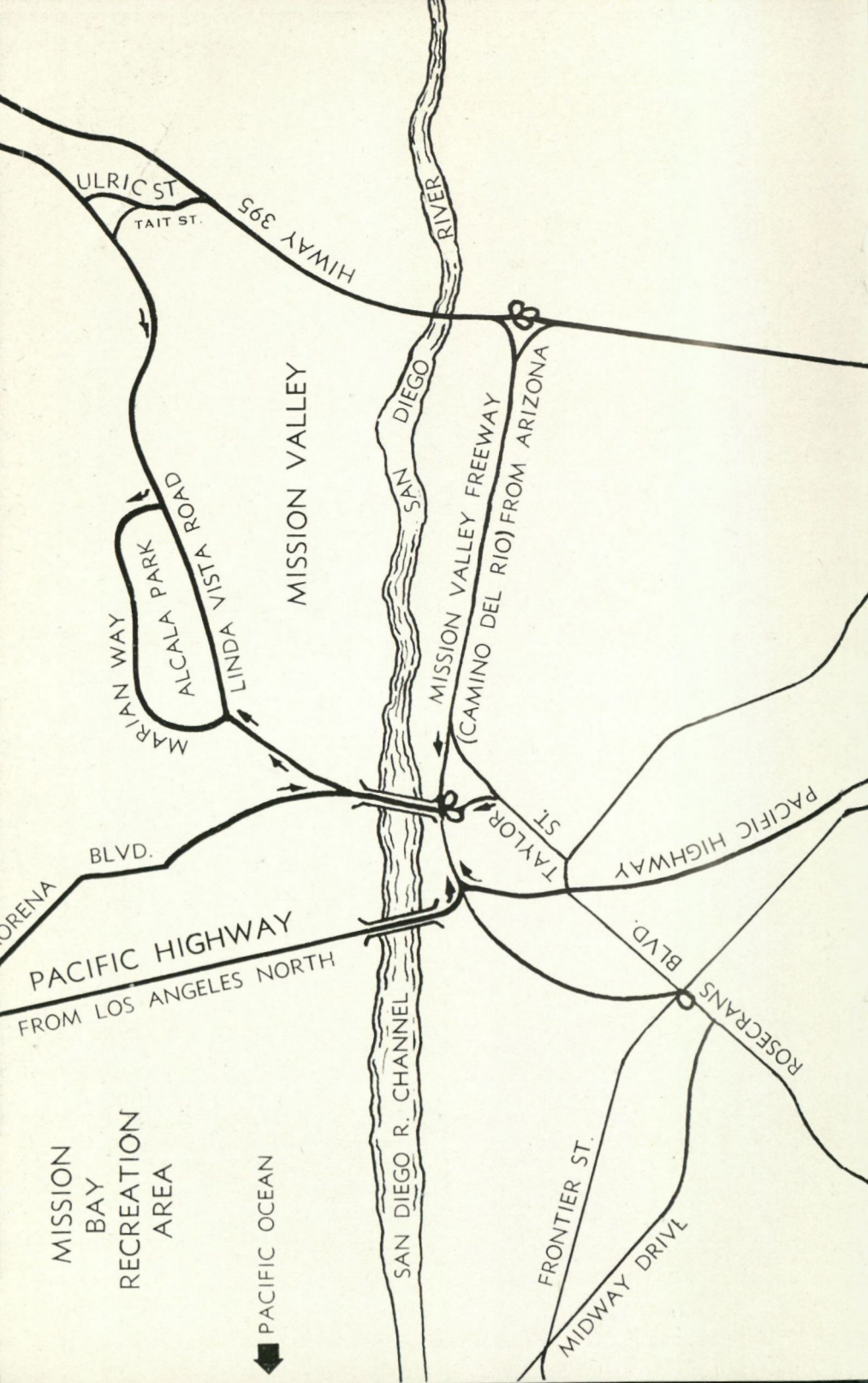
Philosophy 32, 53, 54, 75A-75B	17
Philosophy 110, 115, 120, 131A-131B	15

RECOMMENDED PROGRAM OF STUDY

Bachelor of Arts—Philosophy Major

		Freshman			
		Semester I			Semester II
Course		Units	Course		Units
English 1A		3	English 1B		3
History 17A		3	History 17B		3
Language 1		4	Language 2		4
Philosophy 32		3	Philosophy 53		3
Social Science		3	Social Science		3
Theology 1		1	Theology 2		1
Physical Education		1/2	Physical Education		1/2
Sophomore					
English 40		3	English 42		3
Language 3		3	Language 4		3
Philosophy 75A		4	Philosophy 75B		4
Speech		2	Philosophy 54		3
Elective L.D.		3	Elective L.D.		3
Theology 3		1	Theology 4		1
Physical Education		1/2	Physical Education		1/2
Junior					
Philosophy 110		3	Philosophy 120		3
Philosophy U.D.		3	Philosophy 115		3
Science		4	Science		4
Minor U.D.		3	Minor U.D.		3
Elective U.D.		3	Elective U.D.		3
Theology 101		1	Theology 102		1
Senior					
Philosophy 131A		3	Philosophy 131B		3
Philosophy U.D.		3	Philosophy U.D.		3
Minor U.D.		3	Elective U.D.		3
Elective U.D.		3	Elective U.D.		3
Elective		3	Elective		3
Theology 103		1	Theology 104		1





ULRIC ST

TAIT ST.

HIRWAY 395

RIVER

SAN DIEGO

MISSION VALLEY

MISSION VALLEY FREEWAY
(CAMINO DEL RIO) FROM ARIZONA

MARIAN WAY
ALCATRA PARK
LINDA VISTA ROAD

BLVD.

ORENA

PACIFIC HIGHWAY
FROM LOS ANGELES NORTH

TAYLOR ST

PACIFIC HIGHWAY

BLVD.

ROSECRANS

MISSION
BAY
RECREATION
AREA

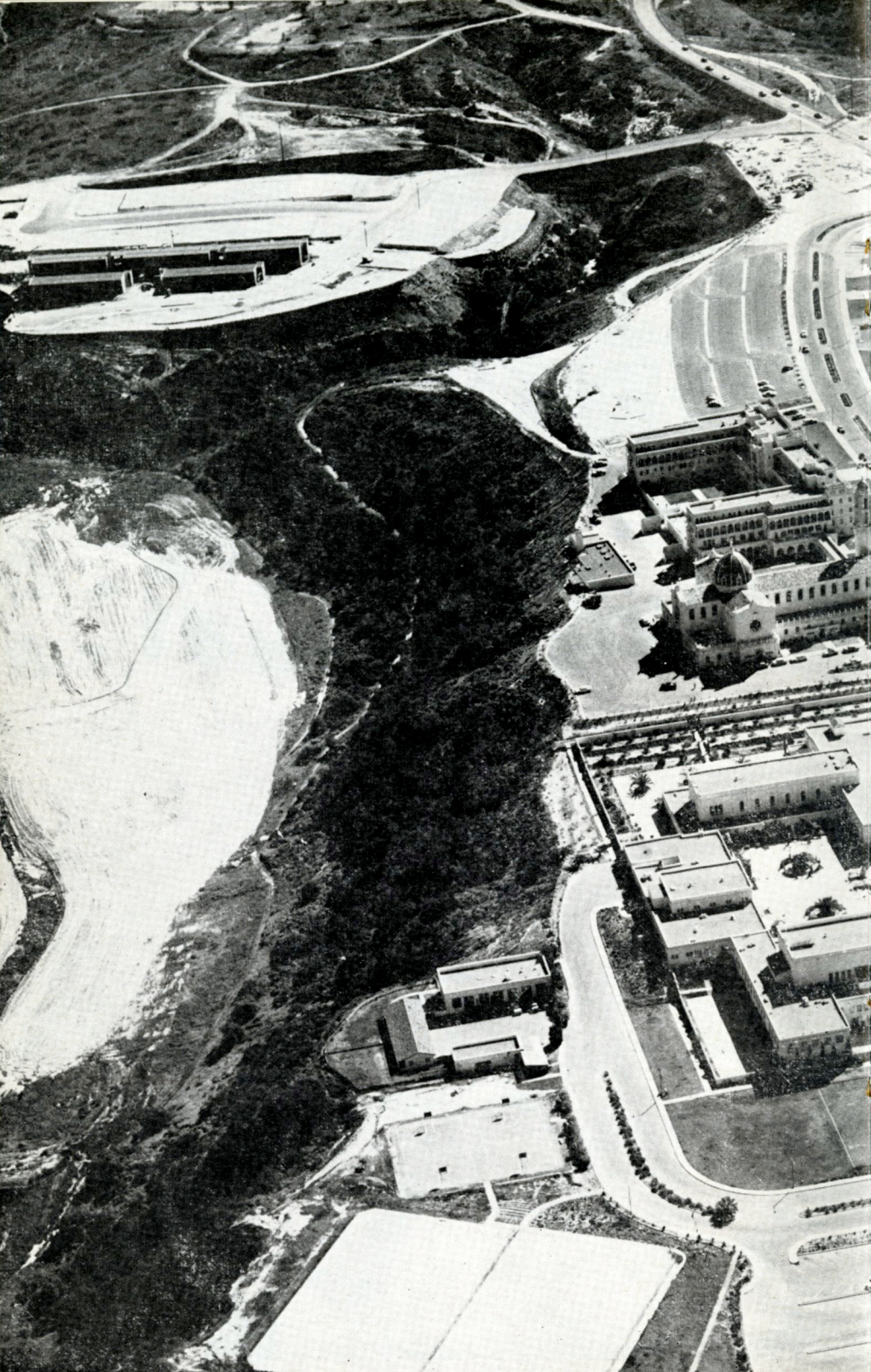
PACIFIC OCEAN

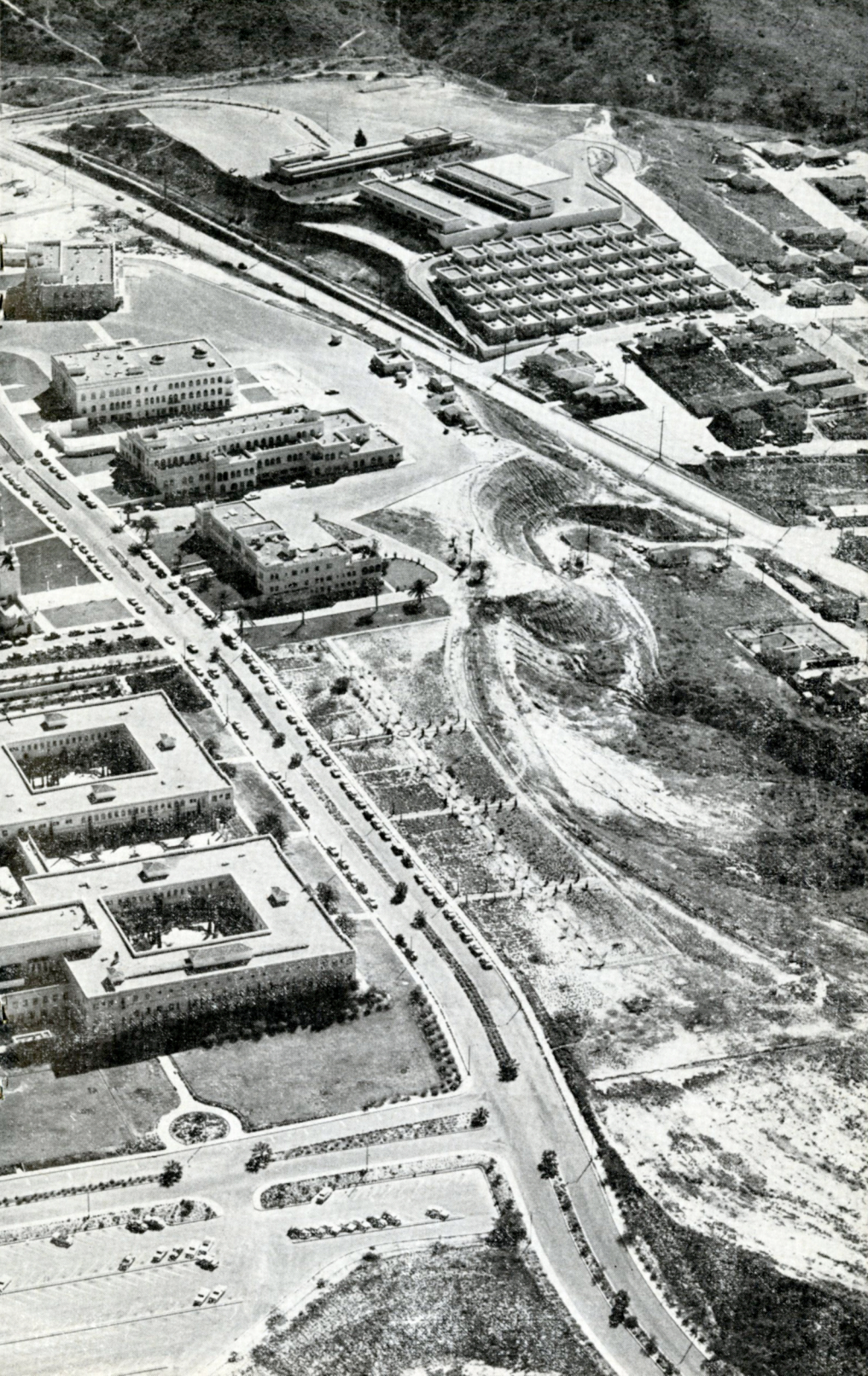
SAN DIEGO R. CHANNEL

FRONTIER ST.

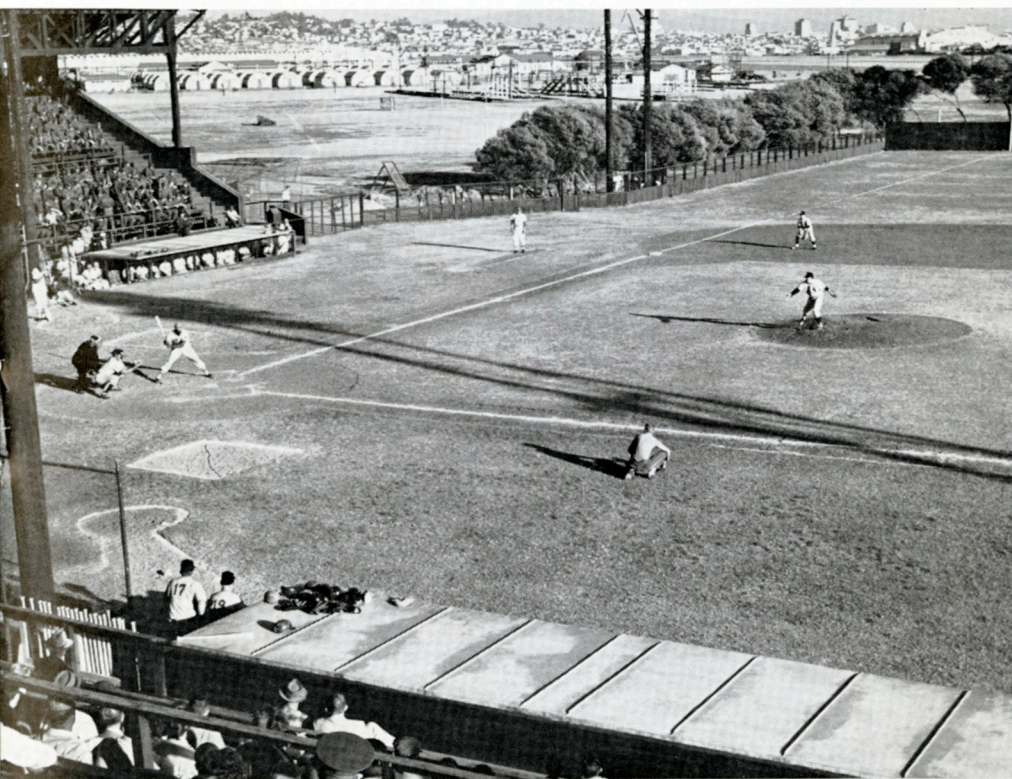
MIDWAY DRIVE

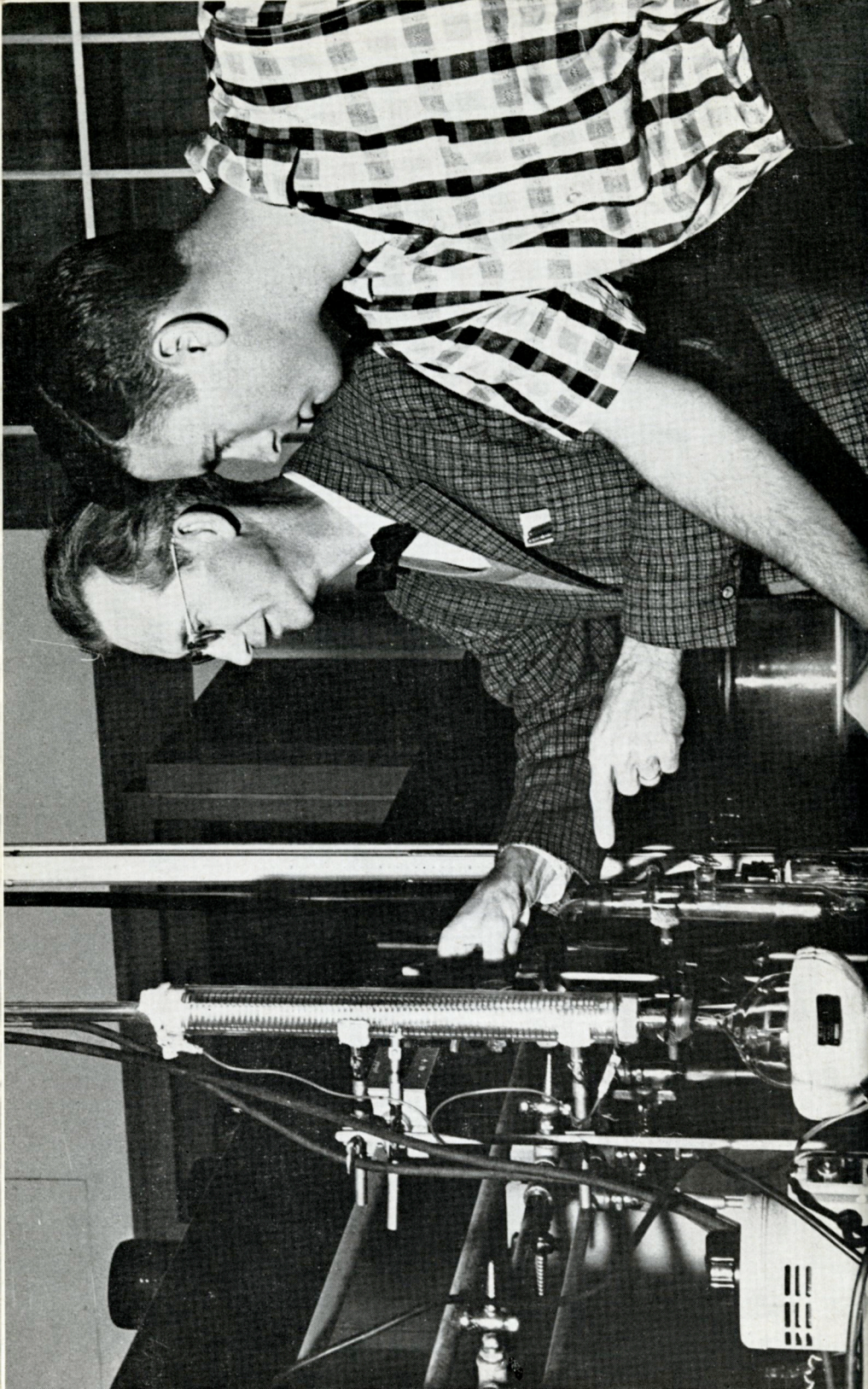












DIVISION of MATHEMATICS and NATURAL SCIENCES

Rev. Patrick P. Murray, Chairman, Premedical Director; Franklin L. Barnes, Joan C. Blaskovics, Patricia J. Donnelly, Jack Elliott, Jr., George K. Estok, Rev. James A. Ganahl, H. Richard Leuchtag, George K. Nies, Louis M. Rauch, Ernest P. Tovani.

OBJECTIVES

The Division joins in the vast national movement to re-unite the sciences and mathematics with the humanities by presenting a well-balanced liberal arts program that integrates philosophy, science, and the arts into a harmonious whole.

While avoiding over-specialization and the introduction of graduate courses into its curriculum, the Division prepares its students for advanced studies in their chosen fields by giving them a sound training in the basic principles of the sciences and mathematics.

DIVISIONAL REQUIREMENTS FOR ALL SCIENCE MAJORS

1. A student must complete the general education requirements of the College as set forth in this catalogue.
2. In addition to the general education requirements the following courses must be completed:

- a. Mathematics 6 units
- b. All science majors complete satisfactorily the prescribed research during their senior year.
- c. All biology majors (including group majors) must submit to oral and written comprehensive examinations in the pertinent biological sciences at least six weeks prior to graduation.
- d. All non-science majors must complete Biology 14 in partial fulfillment of science requirement.

Group Major in Natural Sciences

Upper division Biology	16 units
Biology 141, 142	10
Upper division units in a related field	8

This major is not valid for admission to graduate colleges and professional schools.

Biology (Non-premedical)

Chemistry 24, 25, 101	12
Physics 42, 43	8
Biology 140, 141, 142, 143, 148	19

(Minor in Biology must include Biology 141)

Biology (Pre-medical)

Chemistry 24, 25, 101, 102, 103	20
Physics 42, 43	8
Biology 140, 141, 142, 143, 144, 145	27

(Biology 147 is recommended as an elective)
Language chosen must be French or German.

	Chemistry	
Mathematics 41, 42, 43		14
Physics 42, 43		8
	Physics	
Mathematics 41, 42, 43, 44		18

PREPROFESSIONAL PROGRAMS

The following is given to advise students seeking preprofessional programs for which preparatory courses may be taken at the College for Men.

It is the personal responsibility of the student that his program of studies meets the admission requirements of the graduate college or professional school of his choice. The Department assumes no responsibility in this matter.

Pre-Medicine and Pre-Dentistry—four year program. The admission tests required by the Medical Colleges and dental schools should be taken during the spring semester of the junior year. Applications for admission to these schools should be filed early in the fall semester of the senior year.

Information about the time and place of the admission tests may be secured from the Educational Testing Service, P. O. Box 27896, Los Angeles 27, California or 20 Nassau Street, Princeton, New Jersey. Admission requirements for all medical colleges and dental schools may be found in bulletins published by the Association of American Medical Colleges, 2530 Ridge Avenue, Evanston, Illinois and by the American Association of Dental Schools, 840 North Lake Drive, Chicago 11, Illinois.

Pre-Veterinary Medicine, three year program. The pre-medical biology major program must be followed. Application for admission to the chosen School of Veterinary Medicine should be filed during the fall semester of the junior year.

Pre-Pharmacy, two year program. The biology major program must be followed. Application for admission to the selected school of pharmacy should be filed during the fall semester of the sophomore year. Most of these schools require a semester course in Botany.

Pre-Optometry, four year program. The pre-medical biology major program must be followed. Application for admission to the chosen school of optometry should be filed during the fall semester of the senior year.

Hospital Administration, four year program. The non-premedical biology major program should be followed. Electives should be chosen from the Division of Business Administration.

Medical Records Library Science, three year program, one year of internship. The premedical director will arrange a special program for students in this field. The students are advised to complete their college education before beginning their internship.

Medical Technology, three year program, one year of internship. The pre-medical biology major program must be selected. The students are advised to complete their college education before beginning their internship.

RECOMMENDED PROGRAM OF STUDY

Bachelor of Arts—Major in Biology

Semester I		Semester II	
Course	Units	Course	Units
English 1A	3	English 1B	3
Theology 1	1	Theology 2	1
History 17A	3	History 17B	3
Biology 33/34	4	Biology 35	4
Chemistry 24	4	Chemistry 25	4
Mathematics elective	3	Mathematics elective	3
Physical Education	1/2	Physical Education	1/2
Freshman			
English 40	3	English 42	3
Theology 3	1	Theology 4	1
Philosophy 32	3	Philosophy 54	3
Social Science	3	Social Science	3
Biology 145	4	Biology 143	4
Chemistry 101	4	Chemistry 102	4
Physical Education	1/2	Physical Education	1/2
Sophomore			
Theology 101	1	Theology 102	1
Philosophy 110	3	Philosophy 120	3
Language 1	4	Language 2	4
Biology 140	5	Biology 141	5
Physics 42	4	Physics 43	4
Speech	2		
Junior			
Theology 103	1	Theology 104	1
Philosophy 131A	3	Philosophy 131B	3
Language 3	3	Language 4	3
Biology 142	5	Biology 144	4
Biology 147	3	Biology 145	5
Elective U.D.	3	Elective U.D.	2
		Senior Thesis	Credit arranged.
Senior			

1. Chemistry 102 is not required for the non-professional Biology majors.
2. Premedical and pre dental majors must select German or French for the language requirement.
3. Premedical majors must select Chemistry 103 for their senior elective in Semester I.
4. No upper division credit is given for Biology 143, 145, or for Chemistry 101, 102, unless upper division status has been achieved.

RECOMMENDED PROGRAM OF STUDY

Bachelor of Arts—Chemistry Major

Freshman

Semester I	Units	Semester II	Units
Course		Course	
English 1A	3	English 1B	3
Language 1	4	Language 2	4
Theology 1	1	Theology 2	1
Mathematics 41	5	Mathematics 42	5
Chemistry 24	4	Chemistry 25	4
Physical Education	1/2	Physical Education	1/2

Sophomore

English 40	3	English 42	3
Language 3	3	Language 4	3
Philosophy 32	3	Philosophy 54	3
Theology 3	1	Theology 4	1
Chemistry 101**	4	Chemistry 102**	4
Mathematics 43	4	Mathematics 44	4
Physical Education	1/2	Physical Education	1/2

Junior

Philosophy 110	3	Philosophy 120	3
Theology 101	1	Theology 102	1
Speech	2	Chemistry 104	4
Chemistry 103	4	Chemistry 110	3
Chemistry 109	3	Physics 43	4
Physics 42	4	Elective U.D.	3

Senior*

Philosophy 131A	3	Philosophy 131B	3
Theology 103	1	Theology 104	1
Social Science	3	Social Science	3
History 17A	3	History 17B	3
Chemistry 105	3	Chemistry 106	3
Chemistry 107	3	Chemistry 108	3
Chemistry 111	Credit arranged.	Chemistry 111	Credit arranged.

* Alternate years.

** No upper division credit is given unless upper division status has been achieved.

RECOMMENDED PROGRAM OF STUDY

Bachelor of Arts—Physics Major

Freshman

Semester I	Units	Semester II	Units
Course		Course	
English 1A	3	English 1B	3
Language 1	4	Language 2	4
Theology 1	1	Theology 2	1
Speech	2	Mathematics 42	5
Mathematics 41	5	Physics 44	4
Social Science	3	Physical Education	1/2
Physical Education	1/2		

Sophomore

English 40	3	English 42	3
Language 3	3	Language 4	3
Philosophy 32	3	Philosophy 54	3
Theology 3	1	Theology 4	1
Mathematics 43	4	Mathematics 44	4
Physics 45	4	Physics 46	4
Physical Education	1/2	Physical Education	1/2

Junior

History 17A	3	History 17B	3
Philosophy 110	3	Philosophy 120	3
Theology 101	1	Theology 102	1
Mathematics 121	3	Mathematics 122	3
Physics 122	3	Physics 123	3
Physics 121	3	Physics 124	3

Senior

Philosophy 131A	3	Philosophy 131B	3
Theology 103	1	Theology 104	1
Mathematics 120	3	Social Science	3
Physics 125	3	Physics 128	3
Physics 126	3	Mathematics 125	3
Physics 127	2	Physics 129	Credit arranged.
Elective U.D.	3	Elective U.D.	3

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS IN MATHEMATICS

1. A student must complete the general educational requirements of the College as set forth in this catalogue.
2. In addition to the general education requirements, the following courses must be completed:

Mathematics 41, 42, 43, 44	18
Mathematics 111, 119, 121, 122, 125	15

RECOMMENDED PROGRAM OF STUDY

Bachelor of Arts—Mathematics Major

Freshman

Semester I		Semester II	
Course	Units	Course	Units
English 1A	3	English 1B	3
Language 1	4	Language 2	4
Mathematics 41	5	Mathematics 42	5
Science (other than Physics)	4	Physics 44	4
Theology 1	1	Theology 2	1
P. E.	½	P. E.	½

Sophomore

History 17A	3	History 17B	3
Language 3	3	Language 4	3
Mathematics 43	4	Mathematics 44	4
Physics 45	4	Physics 46	4
Philosophy 32	3	Philosophy 54	3
Theology 3	1	Theology 4	1
P. E.	½	P. E.	½

Junior

Economics 1A	3	Economics 1B	3
English 40	3	English 42	3
Mathematics 119	3	Mathematics 111	3
Mathematics U.D.	3	Mathematics U.D.	3
Philosophy 110	3	Philosophy 120	3
Theology 101	1	Theology 102	1
Speech	2		

Senior

Mathematics 121	3	Mathematics 122	3
Mathematics 125	3	Mathematics U.D.	3
Philosophy 131A	3	Philosophy 131B	3
Theology 103	1	Theology 104	1
Elective U.D.	3	Elective U.D.	3
Elective U.D.	3	Elective U.D.	3

DIVISION OF SOCIAL SCIENCE

Joseph W. Ruane, Chairman; Maxine M. Gunderson, Rev. William A. Nolan, Rev. Francis J. Rigney, Andre T. Vince.

OBJECTIVE

The Division of Social Science has two departments: The Department of History and the Department of Social Science.

The aim of the Department of History is to aid the student through the study and understanding of the accomplishments of mankind in the past to comprehend and interpret the present and so form the future according to the lessons learned from the universal experience of our civilization. The Department of History offers a major field of concentration in History, leading to the degree of Bachelor of Arts.

The Department of Social Science offers courses in Political Science, Psychology and Sociology. Beginning Fall, 1963, a major field of concentration in Political Science leading to the degree of Bachelor of Arts will be offered. Beginning with the Fall, 1963, a major field of concentration in Psychology will be offered leading to the degree of Bachelor of Arts.

REQUIREMENTS OF THE DEGREE OF BACHELOR OF ARTS IN HISTORY

1. A student must complete the general education requirements of the College as set forth in this catalogue.
2. In addition to the general education requirements the following courses must be completed:

History 4A, 4B	6
History 100	2
Political Science 110, 112	6
Economics 1A, 1B	6

RECOMMENDED PROGRAM OF STUDY

Bachelor of Arts—History Major

Freshman

Semester I		Semester II	
Course	Units	Course	Units
English 1A	3	English 1B	3
History 4A	3	History 4B	3
Language 1	4	Language 2	4
Science	4	Science	4
Theology 1	1	Theology 2	1
Physical Education	1/2	Physical Education	1/2

Sophomore

English 40	3	English 42	3
Economics 1A	3	Economics 1B	3
History 17A	3	History 17B	3
Language 3	3	Language 4	3
Philosophy 32	3	Philosophy 54	3
Theology 3	1	Theology 4	1
Physical Education	1/2	Physical Education	1/2

Junior

History 100	3	Elective	4
History U.D.	3	History U.D.	3
Philosophy 110	3	History U.D.	3
Political Science 110	3	Philosophy 120	3
Theology 101	1	Political Science 112	3
Speech	2	Theology 102	1

Senior

Elective	3	Elective	3
Elective	3	Elective	3
History U.D.	3	History U.D.	3
History U.D.	3	History U.D.	3
Philosophy 131A	3	Philosophy 131B	3
Theology 103	1	Theology 104	1

COURSES OF INSTRUCTION

This section contains a list of all courses offered at the College for Men.

Those courses offered primarily for lower division students bear the numbers 1-99 inclusive; those intended for upper division students bear the numbers 100-199 inclusive.

Upper division students enrolling for lower division courses will receive lower division credit. Junior standing is required for all courses bearing the numbers 100 to 199 inclusive. This rule may be set aside only by written permission of the Dean.

The College reserves the right to withdraw any course for which the number of students enrolling is not enough to warrant a class.

"Fall" indicates that the course is offered annually in the fall semester; "Spring" indicates that the course is offered annually in the spring semester. When neither "Fall" nor "Spring" is mentioned, the course is offered every semester.

BIOLOGY

14 — Introduction to Biology

A study of the fundamental laws of living things with stress on their human implications.

Not acceptable for credit in any science major or minor. Required in partial fulfillment of science requirement by non-science majors. Two lectures and two laboratory periods weekly.

4 units

33 — General Botany

A systematic survey of the plant kingdom including a general introduction to the morphology and physiology of plants.

Two lectures and two laboratory periods weekly. Not open to non-science majors without Divisional approval. Alternate years.

4 units

34 — Invertebrate Zoology

A study of the development of the complexities of the invertebrates as a preparation for the study of the chordates. Representative members of the different phyla are dissected.

Two lectures and two laboratory periods weekly. Not open to non-science majors without Divisional approval. Weekly oral demonstrations obligatory.

4 units

35 — Vertebrate Zoology

An intensive study of the representative vertebrates with an attempt to understand why and how vertebrate animals developed. The laboratory animals used are: the shark, the necturus, the cat.

Two lectures and two laboratory periods weekly. Prerequisite: Biology 33 or 34. Not open to non-science majors. Weekly oral demonstrations obligatory. Laboratory animals: shark, amphibian, cat.

4 units

140 — Comparative Vertebrate Embryology

An investigation into the fundamental principles of gametogenesis and morphogenesis with an introduction into experimental embryology. The laboratory animals are: the frog, the chick, the pig.

Three lectures and two laboratory periods weekly. Laboratory animals: frog, chick, pig. Weekly oral demonstrations required. Prerequisites: Biology 33-35 or Biology 34-35. Alternate years.

5 units

141 — Comparative Vertebrate Anatomy

A comparative study of the anatomy of the various classes of vertebrates with an attempt to determine evolutionary relationships. The laboratory animals are: fish, amphibian, turtle, bird, cat.

Three lectures and two laboratory periods weekly. Laboratory animals: fish, amphibian, turtle, bird, cat. Weekly oral demonstrations are obligatory. Prerequisites: Biology 33, 35 or Biology 34, 35. Alternate years.

5 units

142 — Radiation Bio-Physics

A histological survey of the effects of ionizing radiation on biological systems.

A study of the effects of ionizing radiation on biological systems.

Four lectures and one laboratory period weekly. Alternate years.

5 units

143 — Animal Physiology

A study of the vertebrate physiological processes at cellular, tissue, and organ levels.

Two lectures and two laboratory periods weekly. Prerequisite: Biology 35. Weekly oral demonstrations obligatory. Alternate years.

4 units

144 — Basic micro-technique

A laboratory course supplemented by lectures of instruction in the standard methods of preparing biological material for microscopic study.

One lecture and three laboratory periods weekly. Prerequisites: Biology 34, 35. Alternate years.

4 units

145 — Animal Histology

A study of the cellular structure and the histogenesis of tissues and organs.

Two lectures and two laboratory periods weekly. Prerequisite: Biology 35. Weekly oral demonstrations obligatory. Alternate years.

4 units

146 — Microbiology

A course that introduces the student to the history, theories, methods of microbiology.

Three lectures and two laboratory periods weekly. Prerequisite: Biology 35.

5 units

147 — Evolution and Heredity

A survey of the empirical evidence on which the theory of evolution is founded with a study of the principles of heredity and mutation. Three lectures weekly. Laboratory work at the discretion of the instructor. Alternate years.

3 units

148 — Senior Thesis

Subject of thesis must be approved before October 1 of the fall semester of the senior year. Thesis must be completed by March 1 of the spring semester of the senior year. Thesis must consist of not less than 6,000 words on Nation-White unruled paper (8½ x 11 inches) according to directions given in Form and Style by William Giles Campbell. Five typewritten copies must be made.

Credit arranged.

BUSINESS ADMINISTRATION

6A-6B — Principles of Accounting

Principles of theoretical and practical accounting. The study of commercial transactions, financial reports and systems. Three one-hour lectures and one two-hour laboratory per week. 6A is a prerequisite for 6B.

4 units each semester

21 — Principles of Management

A survey course in basic management principles. The planning, organizing, actuating and controlling functions of management. Fall.

3 units

50 — Business Communications

The proper preparation, organization, style and presentation of business communications. Efficient office management and control, systems and procedures are also stressed. Spring.

3 units

101 — Intermediate Accounting

An intensive study of accounting principles and concepts with reference particularly to current accounting theory as expressed by the American Institute of Accountants and the American Accounting Association. Stress is placed on Corporations, inventories, tangibles and intangible assets, liabilities, funds and reserves and applications of funds. Prerequisites: Business Administration 6A and 6B.

4 units

103—Cost Accounting

Basic accounting for labor, materials and manufacturing expenses under specific cost systems. Prerequisites: Business Administration 6A-6B. Fall.

3 units

106—Income Tax Accounting

An analysis and interpretation of income tax laws and their application to personal and business accounting problems, with practice material relating to returns of individuals, partnerships and corporations. Prerequisites: Business Administration 6A-6B. Spring.

3 units

108—Auditing

The procedure, reports and papers used in financial investigations. The verification of balance sheets and operating accounts, including the auditor's reports. Prerequisites: Business Administration 101-102. Spring.

3 units

110—Advanced Accounting

The basic accounting principles covered in the elementary and intermediate courses are applied in accounting for specific business practices such as: partnerships, ventures, consignments, installment sales, insurance, receiverships, consolidations, branch office, statement of affairs, estates and trusts and the accounting applications of compound interest and annuities. Prerequisites: Business Administration 6A-6B, 101. Fall.

3 units

111—Corporation Finance

Principles and practices of corporate financing, including the sources of capital, capital structures and the legal nature of corporations. Prerequisites: Economics 1A-1B. Fall.

3 units

112—Investments

Principles of investments and security analysis; security classifications, such as government, industrials, rails, utilities. Prerequisites: Economics 1A-1B. Spring.

3 units

121—Personnel Management

The principles and practices of managing personnel, including recruitment, selection, testing and training personnel. Fall.

3 units

122—Labor Relations

The study of labor movement and the theory and practice of labor-management relations involving grievance procedure, collective bargaining and labor legislation. Prerequisites: Economics 1A-1B. Spring.

3 units

- 123 — Production Management**
The efficient use of materials, labor, machines and methods of modern production; with constant stress upon costs. Prerequisites: Economics 1A-1B; Business Administration 21. Fall.
3 units
- 131 — Marketing**
The study of the movement of goods and services from producers to consumers, distribution channels, retailing, wholesaling and other functions of marketing. Prerequisites: Economics 1A-1B. Fall.
3 units
- 132 — Salesmanship**
The use of successful selling methods, such as product planning and development, market development, pricing and costs. Spring.
3 units
- 133 — Advertising**
The function of advertising; its economic implications. Prerequisites: Economics 1A-1B. Fall.
3 units
- 134 — Transportation**
The types and uses of transportation facilities, organization, operation, and economic characteristics involved in moving goods to markets. Fall.
3 units
- 140 — Business Statistics**
General introduction, definition, applications, sources of data, tables, ratios, line diagrams, charts, frequency distribution, central tendency, dispersion, time series, correlations and regression, index numbers, normal curve, sampling, testing reliability and significance of sample data. Prerequisites: Mathematics 1 and 6. Fall.
3 units
- 141A — Business Law**
The principles of business law related to agencies, sales, contracts and personal property; case studies. Fall.
3 units
- 141B — Business Law**
The principles of business law related to partnerships, corporations, insurance, wills and real property; case studies. Spring.
3 units
- 144 — Business and Public Policy**
The economic, legal and political aspects of business and the government; the study of promotion, anti-trust laws, unfair trade practices and the policing of markets. Prerequisites: Economics 1A-1B. Spring.
3 units
- 145 — Public Relations**
The methods used by various organizations seeking to establish identification and influencing various elements of society. Spring.
3 units

146—Insurance

A general survey of insurance, including professional concepts, functions and needs; automobile, fire, life and disability, marine and Workmen's Compensation. Fall.

3 units

147—Real Estate

Control of the real estate market, including such topics as mortgages and property management. Spring.

3 units

190—Management Seminar

A survey of management policies and problems, with emphasis on open discussion, cases and leading articles in the field of management. For seniors only. Spring.

3 units

CHEMISTRY

15—Introduction to Chemistry

An introductory study of the general principles of Chemistry with emphasis on inorganic materials.

Not acceptable for credit in any science major or minor. Two lectures and two laboratory periods weekly.

4 units

24—General Chemistry I

An intensive survey of the fundamentals of Chemistry with a thorough study of the reactions of metals, non-metals, and their compounds.

Three lectures and one laboratory period weekly. Not open to non-science majors without Divisional approval.

4 units

25—General Chemistry II

An elementary course in qualitative analysis.

Three lectures and one laboratory period weekly. Prerequisite: Chemistry 24. Not open to non-science majors without Divisional approval.

4 units

101—Organic Chemistry I

A study of the organic compounds with stress on aliphatic and aromatic compounds.

Three lectures and one laboratory period weekly. Prerequisites: Chemistry 24, 25.

4 units

102—Organic Chemistry II

A study of the more complex compounds and of the theory of the mechanics of organic reactions.

Three lectures and one laboratory period weekly. Prerequisite: Chemistry 101.

4 units

103—Quantitative Analysis I

The theory and practice of chemical analysis with emphasis on volumetric analysis.

Three lectures and one laboratory period weekly. Prerequisite: Chemistry 24, 25. Alternate years.

4 units

- 104—Quantitative Analysis II**
 An advanced study of chemical analysis with emphasis on gravimetric analysis but also including electrical and other methods.
 Three lectures and one laboratory period. Prerequisite: Chemistry 103. Alternate years.
 4 units
- 105—Physical Chemistry I**
 A study of the basic principles of chemical systems with emphasis on thermodynamics, electro-chemistry and kinetics.
 Three lectures and one laboratory period weekly. Prerequisite: Chemistry 24, 25; Physics 42 and concurrent registration in Physics 43. Alternate years.
 4 units
- 106—Physical Chemistry II**
 An advanced course in Physical Chemistry that studies the properties of gases, liquids, solids, solutions, and the behavior and equilibria of chemical systems.
 Three lectures and one laboratory period weekly. Prerequisite: Chemistry 105. Alternate years.
 4 units
- 107—Advanced Inorganic Chemistry I**
 Discussion of the basic atomic structure valence, isotopes, radioactivity, and the Periodic Law.
 Three lectures weekly. Prerequisite: Chemistry 24, 25. Alternate years.
 3 units
- 108—Advanced Inorganic Chemistry II**
 Discussion of several typical families in relation to the Periodic Law with a study of the properties of less common elements such as the rare earths and transuranium elements.
 Three lectures weekly. Prerequisite: Chemistry 107. Alternate years.
 3 units
- 109—Advanced Organic Chemistry I**
 An intensive consideration of organic chemistry with particular emphasis on synthesis.
 Three lectures weekly. Prerequisite: Chemistry 102. Alternate years.
 3 units
- 110—Advanced Organic Chemistry II**
 Three lectures weekly. Prerequisite: Chemistry 109. Alternate years.
 3 units
- 111—Topics in Research**
 One lecture weekly. Departmental permission is required.
 Credit arranged

ECONOMICS

The following courses in Economics are offered for all students who are interested. They are especially recommended to Business Administration majors. Economics 1A and 1B are recommended to all students in fulfillment of the social science requirement and they are required of Business Administration majors and History majors. Business Administration 112, 122, 144 are acceptable towards the 24-unit upper division major requirement for Economics majors.

1A-1B—Principles of Economics

The study of the institutions and processes of producing, exchanging and distributing scarce goods and services. An analysis of the total economy and its parts. 1A is a prerequisite for 1B.
3 units each semester

76—Economic History of the United States

A survey of economic conditions in the United States from pre-Revolution days to the present time. Fall.
3 units

101—Intermediate Economic Theory

The study of cost, demand and prices and the types of markets that exist in theory and practice. Further development of analytical thinking is exercised. Prerequisites: Economics 1A-1B. Fall.
3 units

111—Money and Banking

The theory, organization, and operation of the commercial banking system, the relation of money and credit to prices, and monetary policies. Prerequisites: Economics 1A-1B. Spring.
3 units

112—Public Finance

The revenues and expenditures of federal, state and local governments. The principles of taxation, borrowing and general policies. Prerequisites: Economics 1A-1B. Spring.
3 units

122—Business Cycles

The causes, measurements and control of economic fluctuations; the impact upon the economy, and possible uses for forecasting. Prerequisites: Economics 1A-1B. Spring.
3 units

133—International Trade

Historical background, study of international trade theories, types of tariffs and commercial policies, export, import and exchange control, valuation of the international commercial agreements, evolution and organization of the European Common Market, the state in international trade. Prerequisites: Economics 1A-1B. Fall.
3 units

141—History of Economic Thought

A study of the great economists and the development of principal economic doctrines and schools of economic thought. Prerequisites: Economics 1A-1B. Fall.
3 units

142—Comparative Economic Systems

A critical analysis of capitalism, communism, socialism and other economic systems. Prerequisites: Economics 1A-1B. Spring.
3 units

180—Economics Seminar

An analysis of essential economic policies and problems; the preparation and presentation of economic reports. Prerequisites: Economics 1A-1B. Spring.
3 units

ENGLISH

The primary objective of the Department of English is to instill in the student the appreciation of the language and literature of his own native tongue. More specifically, the Department of English undertakes these objectives: to broaden the student's cultural horizons; to sharpen his sense of the past as allied to the present; to develop his powers of analysis and synthesis, of judgment and interpretation; and to equip him to earn a livelihood in fields demanding special training in language and literature. To these ends, the Department offers the following courses:

A—Grammar Review

For students who fail the College's English Placement Test. Any student who receives a grade of "A" in this course and who has the recommendation of his instructor will receive full 3-unit credit for the course and will become eligible for English 1B, provided he can demonstrate that he can write a well-developed composition. Fall.
3 hours, no credit

1A—Rhetoric and Composition

Principles of paragraphing and composition, supplemented by review of grammar, punctuation, spelling and vocabulary, with emphasis on prose style. Regular paragraphs and compositions, primarily of an expository nature—essays, interpretations, comments, criticisms, comparisons, contrasts, analyses, etc. All students are required to obtain the collegiate dictionary approved by the Department. Prerequisites: English Placement Test passed or English A course satisfactorily completed. Fall, Spring.
3 units

1B—Research and Literature

Review of fundamentals, with increased emphasis on vocabulary. Mechanics and techniques of the library or research paper. Also regular papers illustrating exposition, description, argument and narration. Readings from American and English literature. Prerequisite: English 1A. Fall, Spring.
3 units

40—Literary Masters of England

A study of the development of English literature from the middle ages to the twentieth century, with special emphasis on Chaucer, Shakespeare, Milton, Pope, Swift, Shelly, Keats, Browning, and Shaw. Fall, Spring.
3 units

- 42 — Literary Masters of America**
 A study of the development of American literature from colonial times to the twentieth century, with special emphasis on Poe, Hawthorne, Emerson, Melville, Whitman, Twain, James, Eliot, and O'Neill. Fall, Spring.
 3 units
- 11 and 101 — Reading for Leisure**
 Supervised reading, and study of how and what to read for recreation. Emphasis on contemporary publishing trends. May be taken twice. Fall.
 1 unit
- 102A — Methodology**
 Research methods in English language and literature.
 1 unit
- 102B — The Art of Poetry**
 Poetic form, meter, and language.
 1 unit
- 102C — Myth and Legend**
 The principal myths and legends of ancient times. English 102A, B, and C are required of English majors in their Junior Year. Fall.
 1 unit
- 110 — The Age of Chaucer**
 A study of writers and backgrounds from the Old English period up to the Renaissance. Emphasis on Chaucer. Spring, 1963.
 3 units
- 115 — Elizabethan Literature (1580-1625)**
 A study of the poetry, prose and drama, exclusive of Shakespeare, in the Elizabethan and Jacobean periods. Fall, 1963.
 3 units
- 117A-117B — Shakespeare**
 Semester I: Dramatic development to 1601. Emphasis on the comedies and historical plays.
 Semester II: Plays from 1602 to the close of Shakespeare's career. Emphasis on the great tragedies.
 3 units each semester
- 120 — The Age of Milton**
 A study of the writers of Caroline England, with major emphasis on the life and times of Milton and his pre-eminent works. Spring, 1964.
 3 units
- 121 — The Eighteenth Century**
 A study of the writings, men, movements and forces operating in the times of Swift, Pope, Johnson and Boswell. The neo-classical movement and the romantic reaction. Fall, 1963.
 3 units

- 122 — **Nineteenth Century English Poetry**
 Analysis and interpretation of romantic and Victorian poetry, with emphasis on the major poets from Wordsworth to Browning. Spring, 1964. 3 units
- 124 — **The Nineteenth Century Renaissance**
 A study of Newman and his influence on subsequent Catholic writers, such as Thompson, Hopkins, Belloc, Chesterton. 3 units
- 128 — **Development of the English Novel**
 Discussions and readings of the prominent novels of the past hundred years in England from Victorian times up to the present. Spring, 1964. 3 units
- 132 — **The Romantic Period of American Literature**
 A study of American prose and poetry from 1790 to 1860 with special emphasis on transcendentalism and the rise of romanticism in America. Spring, 1963. 3 units
- 134 — **American Literature of the Twentieth Century**
 A course emphasizing contemporary American writers and considering the forces at work on the modern literary scene, exclusive of drama. Spring, 1964. 3 units
- 138 — **The American Novel**
 Study of the American novel from its beginning through the rise of realism and naturalism up to World War I. Fall, 1962. 3 units
- 140 — **Modern British Drama**
 British drama from Wilde and Shaw to the present. Fall, 1962. 3 units
- 141 — **Modern American Drama**
 American drama from O'Neill to the present. Spring, 1963. 3 units
- 160 — **Creative Writing**
 Study of the techniques of the novel, the short story and the drama. Students will be expected to do some creative work in at least one of the aforementioned fictional forms. 3 units
- 195 — **Literary Criticism**
 A chronological study of the major figures and principles in literary criticism, with emphasis on a personal research project. Spring, 1963. 3 units
- 198 — **History of the English Language**
 A survey of the development of our language through Middle English and the Renaissance into modern times. Special attention to American English. Fall, 1963. 3 units

FOREIGN LANGUAGES

Each student seeking a Bachelor of Arts degree must complete two years in one foreign language. In no case will double credit be granted. Hence, when a student takes in college the same language he had in high school, he is not eligible for Languages Courses 1 or 2.

FRENCH

1-2—First Year French

Pronunciation, essentials of grammar, simple readings, composition and conversation.

4 units each semester

3-4—Second Year French

Review and completion of grammar; advanced composition and conversation; extensive readings and outside reports. Prerequisite: French 2, or two years of high school French.

3 units each semester

100A-100B—Advanced French

Syntax, composition, phonetics, conversation, readings. Recommended for teachers of French.

3 units each semester

109A-109B—Survey of French Literature and Culture

From the Middle Ages to the present time. Open to those sufficiently prepared, with instructor's consent.

3 units each semester

GERMAN

1-2—First Year German

Fundamental elements of grammar; simple oral and written assignments.

4 units each semester

3-4—Second Year German

Review of grammar; readings; emphasis on composition and speech. Prerequisite: German 2, or two years of high school German.

3 units each semester

109A-109B—Survey of German Literature and Culture

3 units each semester

LATIN

1-2—First Year Latin

Elements of Latin accidence and syntax; translation; readings from Caesar and the Christian Fathers.

4 units each semester

3-4—Second Year Latin

Review and completion of grammar; readings from Cicero and Virgil.

3 units each semester

RUSSIAN

- 1-2 — **First Year Russian**
Introduction to Russian conversation and grammar; simple readings and composition.
4 units each semester
- 3-4 — **Second Year Russian**
Review of grammar; advanced readings and composition. Prerequisite: Russian 2, or two years of high school Russian.
3 units each semester
- 109A-109B — **Survey of Russian Literature and Culture**
3 units each semester

SPANISH

- 1-2 — **First Year Spanish**
Phonology, basic accidence and syntax; oral and written exercises; readings from simpler Spanish.
4 units each semester
- 3-4 — **Second Year Spanish**
Review of grammar; oral and written exercises; advanced readings. Prerequisite: Spanish 2, or two years of high school Spanish.
3 units each semester
- 102A-102B — **Survey of Spanish Literature and Culture**
From the Middle Ages to the present time. Open to those sufficiently prepared, with instructor's consent.
3 units each semester
- 110A-110B — **Advanced Spanish**
Syntax, composition, conversation, readings. Recommended for teachers of Spanish.
3 units each semester
- 120 — **Spanish American Literature**
Masterpieces of the colonial, revolutionary and national periods in Spanish America.
3 units

GEOLOGY

- 16 — **Introduction to Geology**
A study of the history of the earth as revealed in the fossil records.
Two lectures and two laboratory periods weekly.
4 units

HISTORY

The following courses are offered in fulfillment of the general education requirements of the College and for History majors and those interested in elective courses in History.

- 4A-4B — **History of Western Civilization**
Survey of European civilization from history's earliest era to modern times, noting the religious, political, economic, social and cultural institutions of mankind.
3 units each semester

17A-17B — History of the United States

Development of the United States from the 13 original colonies to the present time; emphasis on the Revolution, the Constitution, Slavery, Secession, the Civil War, Reconstruction, Industrialism and the role played in World Wars I and II. This course meets the graduation requirement in American History; 17A meets the requirements in the United States Constitution; 17B meets the requirements in state and local government.

3 units each semester

100 — Methodology and Bibliography

Scientific approach to the sources of history and to historical bibliography. Fall.

3 units

120A-120B — History of the Middle Ages

Study of the politico-religious, cultural, economic and scholastic forces that made themselves evident from the decline of the Roman Empire to the outbreak of the Protestant Revolt. 1963-64.

3 units each semester

122A-122B — Church History

The early Church and the early Councils, the Eastern schisms, rise of religious orders, Council of Trent, Vatican Council, the Church in the United States.

3 units each semester

130 — The Renaissance

Study of the nature and origin of the new learning, with its impact on the civilization of the late Middle Ages and early modern times. Fall, 1962.

3 units

132 — The Reformation

Sixteenth-century Europe studied in the religious, political, economic and social light of the Protestant Revolt and the Counter-Reformation, together with the rise of the national monarchies. Spring, 1963.

3 units

141 — Age of Enlightenment

From Richelieu through the French Revolution and the Napoleonic era to the Congress of Vienna; the rise of absolute monarchs; the struggle for European and world power; the benevolent despots and the development of a new politico-philosophical thought. Fall, 1963.

3 units

143 — Europe from the Congress of Vienna to 1914

Study of the revolutionary movements stemming from the French and Industrial Revolutions; the rise of capitalism, liberalism, nationalism, secularism and democracy in the 19th century. Fall, 1962.

3 units

- 144 — **History of Twentieth Century Europe**
 Study of the causes and effects of two World Wars; social upheavals and their results—the birth of communism, nazism and fascism; formation of world organizations in an attempt for peace. Spring, 1963.
 3 units
- 147 — **History of Russia**
 Ancient Russia. The Kievan state. The Muscovite state to the Russian Revolution. Fall, 1963.
 3 units
- 148 — **Russian Revolution**
 The March Revolution. The Bolshevik Revolution. The USSR to the present. Spring, 1964.
 3 units
- 172A-172B — **Constitutional History of the United States**
 Study of federalism, the Constitution, the Supreme Court and the development of the United States Government to the present time, with problems arising from the necessity of social reforms. 1963-64.
 3 units each semester
- 174 — **The Civil War and Reconstruction, 1850-1877**
 Political, economic and military aspects of the struggle between the Union and the Confederacy; the aftermath of the War and its effect on the United States in later years. Spring, 1963.
 3 units
- 176 — **Diplomatic History of the United States**
 Survey of State Department foreign policies from the Revolutionary War to the present; special attention given to the Monroe Doctrine, Pan-Americanism, principles of Woodrow Wilson and modern American statesmen. Fall, 1962.
 3 units
- 188 — **History of California**
 Significance of California in American history and its present political and economic condition; emphasis on Spanish cultural contributions. Spring.
 3 units

MATHEMATICS

The department offers two types of courses: those which will fulfill the mathematical requirements in other departments and those which satisfy the major demands in the field of mathematics.

Those upper division courses marked with an asterisk are given in alternate years.

- 1 — **Intermediate Algebra**
 A general education course in algebra, the purpose of which is to provide some mathematical background for students in the humanities. Fall.
 3 units

2 — Plane Trigonometry

A general education course designed to give students further mathematical background; for those not majoring in mathematics. Spring.

3 units

3 — Elementary College Mathematics

This is the first of a two semester unified course, the purpose of which is to correlate the various branches of elementary mathematics. The first semester will deal with such topics as the solution of linear and quadratic equations, simple notions of function, progression, special functions and graphs. For those not majoring in mathematics. Prerequisites: Mathematics 1 and 2 or the equivalent. Required by biology, pre-medical and pre-dental students. Fall.

3 units

4 — Advanced College Mathematics

This is a continuation of Mathematics 3. Some of the topics included are: trigonometry functions, elements of analytical geometry, rudiments of the differential and integral calculus, initial phases of statistics and probability. Prerequisite: Mathematics 3. Required of biology, pre-medical and pre-dental students. Spring.

3 units

6 — Mathematics of Finance

The mathematical terms, principles and methods for calculating present value, actuarial projection, yield, price by income return, value of warrants and rights, discounts and accruals, and other quantities encountered in the business world. Spring.

3 units

41 — College Algebra - Trigonometry

Determinants, imaginary numbers, permutations and combinations, binomial theorem, quadratics, variation, probability, logarithms, the trigonometric functions, applications to the general triangle and other problems. Prerequisite: two years of high school mathematics. Fall, Spring.

5 units

42 — Analytic Geometry and Calculus — First Course

This course presents the fundamental notions of analytic geometry necessary to master the calculus. Essential types of differentiation and applications of the derivative are included. Prerequisite: Mathematics 41. Spring.

5 units

43 — Analytic Geometry and Calculus — Second course

The introduction to the process of indefinite and definite integration. A variety of applications in geometry, mechanics and other phases of science. Prerequisite: Mathematics 42. Fall.

4 units

- 44 — Analytic Geometry and Calculus — Third Course**
 Infinite series, partial differentiation, multiple integration, hyperbolic functions, elements of ordinary differential equations, geometric and physical applications. Prerequisite: Mathematics 43. Spring. 4 units
- 101A-101B — Digital Computer Programming**
 This combined course presents the theory and operations of digital computers with emphasis on the processes in numerical analysis. It includes such topics as number systems, the logical structure of digital computers, computer language and codes of such computers as I.B.M. and Burroughs. The use of a Clary digital computer is available for laboratory work. Two lectures and one laboratory period per week. Prerequisite: Mathematics 42. Fall, Spring. 3 units each semester
- 111 — Theory of Equations**
 Determinants, complex numbers, techniques for equation solving. Spring. 3 units
- 119 — Ordinary Differential Equations**
 Preliminary ideas, differential equations of the first and second order, linear equations with constant coefficients, operational techniques, simultaneous equations, series, solutions, applications to geometry, physics and chemistry. Fall. 3 units
- *113 — Vector Analysis**
 Vector algebra and calculus; gradient, divergence, curl, curvilinear coordinates, scalar and vector fields, transformation theory, linear vector functions, applications to geometry and physics. Fall, 1962. 3 units
- *120 — Partial Differential Equations**
 Preliminary notions, techniques for solving well known partial differential equations of physics, orthogonal functions with applications. Spring, 1963. 3 units
- *121 — Advanced Calculus — First Course**
 The real and complex number systems, elements of point set theory, differentiation of functions of one and several variables, applications of partial differentiation, functions of bounded variation, introduction to the theory of Riemann-Stieltjes integration. Fall, 1963. 3 units
- *122 — Advanced Calculus — Second Course**
 Infinite series, uniform convergence, improper integrals, Fourier series and integrals, Laplace transforms. Prerequisite: Mathematics 121. Spring, 1964. 3 units

***125—Introduction to Theory of Complex Variable**

Analytic functions, elementary functions, integration in complex plane, power series, analytic continuation, conformal mapping. Fall, 1963.

3 units

***131A-131B — Numerical Analysis**

Basic concepts, finite differences, interpolation, differentiation and integration, systems of linear equations, differential and difference equations, least squares and their applications. Fall, 1962; Spring, 1963.

3 units each semester

***155A-155B — Modern Algebra**

The number systems, groups, fields, rings, linear transformations and matrices, vector spaces, Galois groups, introduction to algebra of classes, transfinite arithmetic. Fall, 1962; Spring, 1963.

3 units each semester

159A-159B — Individual Studies and Seminar

Student reading and research in selected topics, student presentations. Primarily for qualified seniors and with the consent of the instructor. Fall, Spring.

3 units each semester

MUSIC

10 — Choral Group and Glee Club

Two hour sessions, including a sectional rehearsal per week. Open to all students whose musicianship meets the requirements set by the instructor.

1 unit

PHILOSOPHY

Philosophy enjoys a favored position in the curriculum of the University because of its great value in bringing maturity to the student through the lasting values it presents. Eighteen units of Philosophy are required of all candidates for any degree at the College for Men. The College thus hopes to bring a high standard of intellectual maturity and moral integrity to all students by introducing them to the thoughts of the greatest thinkers of all times.

The following courses are offered in fulfillment of the Philosophy requirement and for Philosophy majors and those interested in elective courses in Philosophy.

32 — Logic

A study of traditional logic as the science and art of correct thinking. A consideration of the concept and the term, the judgment and the proposition, and reasoning, both deductive and inductive. Fall.

3 units

53 — Philosophy of the Inanimate World

A study of the fundamental principles and properties pertaining to all corporeal beings. Spring.

3 units

- 54 — Philosophy of Man**
 A study of the fundamental principles and properties characteristic of living corporeal beings, with emphasis on the basic activities, powers, and nature of man. Spring.
 3 units
- 75A — History of Greek and Medieval Philosophy**
 A survey of the development of philosophical thought by the principal Greek philosophers and their successors, from the time of Thales until the Renaissance, with special emphasis on the contributions of Plato, Aristotle, and Aquinas. Fall.
 4 units
- 75B — History of Modern and Contemporary Philosophy**
 A survey of the major post-medieval philosophies, from the Renaissance to the present.
 4 units
- 110 — Philosophy of Being**
 A study of the fundamental principles and properties of finite being. Includes an analysis of analogy, causality, finality, unity, truth, goodness. Fall.
 3 units
- 115 — Philosophy of Human Knowing**
 A study of the critical problem in regard to the validity of cognition. An evaluation of the first principles of knowledge and of the principal theories concerning them. Epistemological studies, problems and readings, primarily for philosophy majors. Prerequisites: Philosophy 32, Philosophy 54, Philosophy 110. Spring.
 3 units
- 120 — Philosophy of God**
 A study of the existence and nature and operations of God as known by natural reason. Includes an inquiry into the problem of divine providence as affecting the freedom of the human will. Prerequisite: Philosophy 110. Spring.
 3 units
- 131A-131B — Philosophy of Conduct**
- A. Principles: A study of the general principles of morality, objective and subjective norms of morality, law, conscience, obligation, right. Fall.
 - B. Application: A detailed study of the application of the general principles of morality to the different types of human conduct. Spring.
- 3 units per semester
- 140 — Plato**
 A study of the philosophy of Plato, noting some of the Platonic influences on subsequent thought. Reading of several of the Dialogues. Fall.
 3 units
- 145 — Aristotle**
 An introduction to the principal works of Aristotle, noting the basic questions and the solutions proposed. Selected readings and discussion follow. Spring.
 3 units

- 150— **Augustine**
 Reading and interpretation of Augustinian texts. Augustinian influence on the thought of the West. Fall. 3 units
- 160— **Kant and His Influence**
 The reaction of Kant to the philosophies of his day. The critical problem and its solution according to Kant. His views regarding metaphysics, theodicy, morality, aesthetics. Readings. The influence of Kantian thought on subsequent philosophies. Fall. 3 units
- 171— **Contemporary European Philosophy**
 A survey of twentieth-century schools of philosophic thought in Europe, with special emphasis on existentialism and logical positivism. Fall. 3 units
- 172— **Contemporary American Philosophy**
 A survey of twentieth-century schools of philosophic thought in the United States, comparing them with previous movements in American philosophy, and noting the principal influences of modern and contemporary schools of thought outside the United States. Spring. 3 units
- 175— **Philosophy of Communism**
 A philosophical appraisal of communism. Prerequisites: Philosophy 32, Philosophy 54, Philosophy 110. Spring. 3 units
- 180— **Symbolic Logic**
 An introduction to Symbolic Logic. Simple operations of the Boolean Algebra. Spring. 3 units

PHYSICAL EDUCATION

Four semesters of Physical Education are required of each student unless he has been honorably discharged from military service or is medically certified as unable to participate in activities.

1,2,3,4— **Activities**

Physical exercises.

½ unit each semester

5— **Team Sports**

Participation in athletic competition. May be repeated.

1 unit

10— **Golf**

One professional lesson each week. May be repeated.

½ unit

PHYSICS

- 17 — **Introduction to Physics**
An introductory study of the fundamental principles of physics with a brief survey of Modern Physics.
Not acceptable for credit for any science major or minor. Two lectures and two laboratory periods weekly.
4 units
- 42 — **General Physics I**
A survey of the mechanics of matter, heat, sound.
Three lectures and one laboratory period. Not open for credit to majors in Physics. Not open to non-science majors without Divisional approval.
4 units
- 43 — **General Physics II**
A study of light, electricity, and modern physics.
Three lectures and one laboratory period weekly. Not open for credit to majors in Physics. Not open to non-science majors without Divisional approval.
4 units
- 44 — **Mechanics and Sound**
The mechanics of solids and fluids, wave motion and sound.
Three lectures and one laboratory period weekly. Prerequisite: Mathematics 41 and concurrent registration in Mathematics 42.
4 units
- 45 — **Electricity**
A study of the fundamental properties of electricity and electrical propagation.
Three lectures and one laboratory period weekly. Prerequisites: Physics 44, Mathematics 41, 42, and concurrent registration in Mathematics 43.
4 units
- 46 — **Heat, Light, Modern Physics**
An introduction to thermodynamics and the kinetic theory, the properties of light, atomic and nuclear phenomena.
Three lectures and one laboratory period weekly. Prerequisites: Physics 44, 45, and concurrent registration in Mathematics 44.
- 121 — **Analytical Mechanics**
A survey of the fundamental principles of Newtonian mechanics, including particle dynamics, plane statics and dynamics.
Prerequisites: Science 46 and concurrent registration in Mathematics 121. Fall semester, 1962. Three lectures weekly.
3 units
- 122 — **Modern Physics**
An investigation into the foundations of atomic and nuclear physics.
Prerequisites: Physics 46 and concurrent registration in Mathematics 121. Three lectures weekly. Fall, 1962.
3 units

- 123 — Mathematical Physics**
 An introduction to the mathematical techniques used in modern physics.
 Prerequisites: Physics 46 and concurrent registration in Mathematics 122. Three lectures weekly. Spring, 1963. 3 units
- 124 — Optics**
 A study of the principles of geometrical and physical optics.
 Prerequisites: Physics 46 and concurrent registration in Mathematics 122. Three lectures weekly. Spring, 1963. 3 units
- 125 — Electromagnetics**
 Prerequisites: Physics 46 and concurrent registration in Mathematics 120. Three lectures weekly. Fall, 1963. 3 units
- 126 — Thermodynamics**
 The laws of thermodynamics are studied and their application to pure substances and special systems are investigated.
 Prerequisites: Physics 46 and concurrent registration in Mathematics 120. Three lectures weekly. Fall, 1963. 3 units
- 127 — Electronic Laboratory**
 A study of electron tubes and their associated circuits.
 Prerequisites: Physics 46. One lecture and one laboratory period weekly. Fall, 1963. 2 units
- 128 — Nuclear Physics**
 Prerequisites: Physics 46 and concurrent registration in Mathematics 125 or 114. Three lectures weekly. Spring, 1964. 3 units
- 129 — Topics in Research**
 Work of an advanced laboratory nature that can be incorporated into the senior thesis. Credit arranged
- 130 — Acoustics**
 Wave motion and its application to the reproduction, transmission and reception of sound.
 Prerequisites: Physics 46 and concurrent registration in Mathematics 120. Three lectures weekly. 3 units
- 131 — Electrical Measurements**
 Laboratory techniques in the measurements of current voltage, resistance, capacitance, inductance, power, magnetism.
 Prerequisites: Physics 46. One lecture and one laboratory period weekly. 2 units

POLITICAL SCIENCE

The following courses are offered in fulfillment of any Political Science requirement and as electives for those interested. A major field of concentration in Political Science is to be offered beginning with Fall Semester, 1963, leading to the degree of Bachelor of Arts.

1A — Introduction to Government

Political theories of the origin of state; the philosophy of democracy, utopianism, conservatism, liberalism, fascism, national socialism, socialism, communism, and anarchism; analysis and evaluation of the various forms of government; the different forms of constitution. Fall.

3 units

1B — Foreign Governments

Constitutional and government principles of Great Britain, France, Germany, and the Soviet Union; their attitudes toward recent political, social, cultural, and economic problems. Spring.

3 units

123A — Ancient and Medieval Political Thought

Greek and Roman political institutions and philosophy. The political philosophy of the Sophist, Stoics, Plato, Aristotle, and Cicero. Medieval political institutions; the political philosophy of St. Augustine, John of Salisbury, St. Thomas Aquinas, Dante, Marsiglio of Padua and Machiavelli. Fall, 1962.

3 units

123B — Modern Political Thought

Analysis and evaluation of the major political theories and governmental systems since the Reformation. The study of the political works of Bodin, Hobbes, Locke, Harrington, Montesquieu, Rousseau, Burke, Bentham, Hegel, Spencer. Political philosophy of the English, American, and French Revolutions. Spring, 1963.

3 units

124 — International Relations

Analysis of nationalistic, imperialistic, political, economic, and military factors of foreign policies. The formation and administration of foreign policy. The foreign policies of the leading powers: United States, British Commonwealth, France, Germany, Italy, and the Soviet Union. Administration of trusteeship. Fall.

3 units

127 — International Law

Origin, development and theory of international law. Diplomatic and consular intercourse and practice. Methods of settling international disputes in a peaceful way. The law of war and neutrality, international organizations for peace and security (United Nations, etc.). Spring.

3 units

130 — Near East and Africa

Political institutions and international politics of the modern Arab states; their historical background. Government of Israel, Iran, Turkey. Near Eastern problems in international relations. Study of the newly independent states of Africa. European influence and politics in Africa south of the Sahara. Fall, 1963.

3 units

132 — Far East

Political ideas and government of China, Japan, and Korea. Political and economic development of Southeastern Asia and India. Historical background. Study of the international relations of Far Eastern States since World War II. Fall, 1962.

3 units

181 — Government and Politics of the Soviet Union and Eastern Europe

Historical and ideological bases of the Soviet rule. The social and governmental structure. Nationalities in the Soviet Union. The Communist Party. Formal instrumentalities and indirect tools of Soviet diplomacy. The origin and nature of present social and ethnic structures and governmental systems of Hungary, Czechoslovakia, Eastern German Democratic Republic, Poland and Balkan countries. The political and economic position of the East European satellites to the Soviet Union. Fall, 1962.

PSYCHOLOGY

The following courses in Psychology may be taken as electives by those interested. Psychology 145 and 180 may be taken by Business Administration majors as a part of their major program.

1A — Introductory Psychology

Consideration of the facts and principles of psychology as a behavioral science, with emphasis upon growth and development, social motivation and perception, leading to the topics of intelligence, personality and learning. Fall.

3 units

1B — Introductory Psychology

Scientific study of behavior, with emphasis upon general and experimental psychology; sensation, physiological motivation, feelings and emotion, applied psychology. Prerequisite: Psychology 1A. Spring.

3 units

106 — Developmental Psychology

Study of the growth and development of the normal individual from conception through childhood, adolescence, maturity and old age. Stress is laid on the influences of maturation and socialization as well as the interdependence of the various periods of the individual's life.

3 units

110 — Educational Psychology

A general survey of the basic principles of psychology that are pertinent to education, including study of development, abilities, intelligence, social and emotional factors and principles of learning. Fall, 1962.

3 units

119 — Tests and Measurements

Construction, techniques of application and interpretation of tests and scales, with some practice in statistical procedures applied to data derived from tests. Prerequisites: Psychology 1A. Spring, 1963.

3 units

145 — Social Psychology

Interaction between individual and group and individuals in the group, critical analysis of psychological factors in major social problems, including attitudes, opinions, propaganda and cultural and subcultural group processes. Prerequisite: Psychology 1A or Sociology 2A. Spring, 1962.

3 units

168 — Abnormal Psychology

Study of the dynamics and processes of abnormal behavior with consideration of the biological, psychological and sociological factors involved, including consideration of methods of treatment and prevention. Fall, 1963.

3 units

180 — Personnel and Industrial Psychology

The place of psychology in industry, with emphasis on human factors in management with consideration of attitudes, morale, group dynamics and leadership, treatment of motivation, fatigue, safety, turnover and other problems of the working environment. Prerequisite: Psychology 1A. Spring, 1962.

3 units

SOCIOLOGY

These courses are available as electives for those interested.

2A-2B — Introductory Sociology

General survey of sociology as a science. Man's biological and cultural heritage. Social organization and disorganization.

3 units each semester

125 — Christian Social Principles

Investigation of contemporary socio-economic problems in relation to Christian social teaching. Spring, 1963.

3 units

135 — Marriage and the Family

Personality and other factors in achieving marital happiness. Enriching family living. Evolution of American family types. Fall, 1962.

3 units

SPEECH AND DRAMA

1 — Fundamentals of Expression

The fundamentals of public speaking. The principles of effective poise and audience contact. The speaking voice, posture, and gesture. Emphasis on practice in the basic types of speaking situations: extemporaneous and impromptu.

2 units

2 — Discussion and Debate

Fundamentals of oral discussion and argument. Problem solving panels and actual debate practice.

2 units

3 — Oral Interpretation

Training in expressive delivery by interpretive reading of dramatic literature and poetry. Emphasis in techniques of oral interpretation.

2 units

4 — Debate Workshop

Credit for participation in inter-collegiate debate tournaments, subject to proper approval.

1 unit each semester

5 — Drama Workshop

Credit for participation in collegiate drama productions. Acting, stagecraft, theatre management. Subject to proper approval.

1 unit each semester

6 — Advanced Public Speaking

Advanced study of the principles of public speaking. Emphasis on the individual development of styles and techniques. Oratory.

2 units

THEOLOGY

One course in Theology is required of each Catholic student in each semester during his stay in the College for Men. The order followed will be the order in which the courses are listed here. Catholic transfer students will be fitted into this program, due regard being given to their previous theology or religion studies.

1 — The Quadriform Gospel

The origin and literary type of the gospels; their historical and religious value; source book of Christian origins. The structure, content and characteristics of each of the four gospels in its entirety. The political, religious, topographical backgrounds of the life of Christ. Fall.

1 unit

2 — Christ as Prophet and King

The life of Christ is studied from the gospels in chronological order as far as the Last Supper. Emphasis is placed on His revelation of Himself as God-man, and the judicial structure of His messianic kingdom, the Church. Spring.

1 unit

3 — The Priesthood of Christ

The life of Christ is completed from the Last Supper to the Ascension, with special emphasis on His priestly function in the Last Discourse, the establishment of the Eucharist, the Death on the Cross, the Resurrection, and the final commission of the apostles. The significance of these historical facts is studied in the liturgy of baptism, based on Genesis, of the original state of Adam, the fall and original sin. Fall.

1 unit

4 — The Sacrifice of Christ

A doctrinal study of sacrificial worship; its necessity, function, nature. The sacrifices of the Old Law and their relation to the Sacrifice of Christ. Christ's Sacrifice on the Cross. The Epistle to the Hebrews as a summary of the doctrine on Christ's priesthood and Sacrifice. The Sacrifice of the Mass and its relation to the Sacrifice of Calvary illustrated from a detailed study of the liturgy of the Mass. Spring.

1 unit

101 — Christ's Life Communicated to the Church

The Church continuing, through the Holy Spirit, the life and work of Christ as Prophet, Priest and King, as revealed in a detailed chronological study of the Acts of the Apostles. Fall.

1 unit

102 — The Mystical Body of Christ

The significance of the facts seen in the Acts of the Apostles as formulated by St. Paul in the following Epistles: Galatians, I and II Thessalonians, I Corinthians, Colossians and Ephesians. The modern complete formulation of the doctrine of the Mystical Body as contained in the encyclical on the Holy Spirit by Leo XIII and the Mystical Body by Pius XII. Spring.

1 unit

103 — Christ's Life in the Individual Members of the Mystical Body
Actual grace, predestination, sanctifying grace and the supernatural virtues are studied in conjunction with the Epistle to the Romans. Fall.

1 unit

104 — Asceticism

The means for safeguarding and developing the supernatural life are treated under such topics as prayer, examination of conscience, penance, temptations, practice and acquisition of virtues, the gifts of the Holy Spirit. Spring.

1 unit

THE UNIVERSITY OF SAN DIEGO

College for Men
Alcala Park
San Diego 10, California

OFFICE USE ONLY

No. _____
Appl. Fee. _____ Office of Admissions

PERSONAL APPLICATION FOR ADMISSION
(Please Print or Type)

Name..... Last..... First..... Middle.....

Address..... Number and Street..... City..... Zone..... State..... Telephone.....

Date of birth..... Place..... City..... State.....

Citizenship..... U.S.A. Other..... Marital Status.....

Father's Name..... Last..... First..... Middle..... Birthplace.....

Father's Occupation..... Father living..... Mother living.....

Mother's Maiden Name..... Birthplace.....

Business Address of Parents or Guardian.....

When do you desire to enter college?..... Will you attend full time?.....

Prospective Major..... Minor..... Vocational Objective.....

Do you expect to receive benefits under Public Law 894.....16.....550.....

(Over)

California Veteran.....Draft Status.....

Name of all colleges attended since graduation from high school. Units completed.....

..... date entered..... date left.....

..... date entered..... date left.....

..... date entered..... date left.....

If you have ever been dismissed from an educational institution attach full statement to this form giving name of institution, date of dismissal, reason and present eligibility to return to that institution.

High Schools attended: (give name and city)

..... date entered..... date left.....

..... date entered..... date left.....

From which did you graduate?.....date of graduation.....

Please send to Office of Registrar:

- a) Complete transcripts of credits, high school and college.
- b) Two letters of recommendation.
 - 1. One educational
 - 2. One personal
- c) A non-refundable application fee of ten dollars is required of each applicant.

I certify that the above information is a correct, complete and true statement.

Date of application.....Signature of Applicant.....

USD COPLEY LIBRARY

3 5073 40167 6917