The University of New Mexico Bulletin

Fifty-Second Annual Record
1942-43

Announcements
1943-44
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Calendar</td>
<td>3</td>
</tr>
<tr>
<td>The Regents of the University</td>
<td>5</td>
</tr>
<tr>
<td>Organization and Administration</td>
<td>6</td>
</tr>
<tr>
<td>The Faculty of the University</td>
<td>9</td>
</tr>
<tr>
<td>General Information</td>
<td>21</td>
</tr>
<tr>
<td>Admission and Registration</td>
<td>25</td>
</tr>
<tr>
<td>Expenses</td>
<td>31</td>
</tr>
<tr>
<td>General Academic Regulations</td>
<td>35</td>
</tr>
<tr>
<td>Student Employment, Loan Funds', and Scholarships</td>
<td>42</td>
</tr>
<tr>
<td>Student Organizations and Activities</td>
<td>47</td>
</tr>
<tr>
<td>College of Arts and Sciences</td>
<td>49</td>
</tr>
<tr>
<td>School of Inter-American Affairs</td>
<td>54</td>
</tr>
<tr>
<td>College of Engineering</td>
<td>96</td>
</tr>
<tr>
<td>College of Education</td>
<td>105</td>
</tr>
<tr>
<td>College of Fine Arts</td>
<td>125</td>
</tr>
<tr>
<td>General College</td>
<td>137</td>
</tr>
<tr>
<td>Other Divisions of the University</td>
<td></td>
</tr>
<tr>
<td>Graduate School</td>
<td>141</td>
</tr>
<tr>
<td>Summer Session</td>
<td>141</td>
</tr>
<tr>
<td>Field Sessions</td>
<td>141</td>
</tr>
<tr>
<td>Extension Division</td>
<td>141</td>
</tr>
<tr>
<td>Naval Reserve Officers' Training Corps</td>
<td>141</td>
</tr>
<tr>
<td>Premeteorology Training Program</td>
<td>142</td>
</tr>
<tr>
<td>Degrees and Diplomas Conferred</td>
<td>144</td>
</tr>
<tr>
<td>Enrollment Statistics</td>
<td>149</td>
</tr>
<tr>
<td>Index</td>
<td>151</td>
</tr>
<tr>
<td>Application for Admission</td>
<td></td>
</tr>
</tbody>
</table>
**UNIVERSITY OF NEW MEXICO**  
**REVISED CALENDAR**  
(As of September 14, 1943)  
**Semester II, 1943-44**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov. 3</td>
<td>Wednesday—Tests and instructions for new students</td>
</tr>
<tr>
<td>Nov. 4</td>
<td>Thursday—Registration</td>
</tr>
<tr>
<td>Nov. 5</td>
<td>Friday—Instruction begins at 8 a. m.</td>
</tr>
<tr>
<td>Nov. 20</td>
<td>Saturday—Last day for change in program of studies without charge</td>
</tr>
<tr>
<td>Dec. 4</td>
<td>Saturday—End of fourth week; last day for registration, or for addition of new course to program of studies.</td>
</tr>
<tr>
<td>Dec. 24</td>
<td>Friday—Christmas recess begins at 7 p. m.</td>
</tr>
<tr>
<td>Dec. 27</td>
<td>Monday—Instruction resumed at 8 a. m.</td>
</tr>
<tr>
<td>Jan. 1</td>
<td>Saturday—End of eighth week—Mid-semester</td>
</tr>
<tr>
<td>Jan. 29</td>
<td>Saturday—End of twelfth week; last day for removal of Incomplete grades</td>
</tr>
<tr>
<td>Feb. 16-Feb. 21</td>
<td>Wednesday—Monday—Pre-examination week</td>
</tr>
<tr>
<td>Feb. 21, 22, 23, 24</td>
<td>Monday, Tuesday, Wednesday, Thursday—Semester final examinations</td>
</tr>
<tr>
<td>Feb. 24</td>
<td>Thursday—Semester ends at 9 p. m.</td>
</tr>
<tr>
<td>Feb. 27</td>
<td>Sunday—University Memorial Day.</td>
</tr>
</tbody>
</table>

**Semester III, 1943-44**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 3</td>
<td>Friday—Tests and instructions for new students</td>
</tr>
<tr>
<td>March 4</td>
<td>Saturday—Registration</td>
</tr>
<tr>
<td>March 6</td>
<td>Monday—Instruction begins at 8 a. m.</td>
</tr>
<tr>
<td>March 18</td>
<td>Saturday—Last day for change in program of studies without charge</td>
</tr>
<tr>
<td>April 1</td>
<td>Saturday—End of fourth week; last day for registration, or for addition of new course to program of studies</td>
</tr>
<tr>
<td>April 29</td>
<td>Saturday—End of eighth week—Mid-semester</td>
</tr>
<tr>
<td>May 27</td>
<td>Saturday—End of twelfth week; last day for removal of Incomplete grades</td>
</tr>
<tr>
<td>May 30</td>
<td>Tuesday—Memorial day—Holiday</td>
</tr>
<tr>
<td>June 14-June 21</td>
<td>Wednesday—Wednesday—Pre-examination week</td>
</tr>
<tr>
<td>June 21, 22, 23, 24</td>
<td>Wednesday, Thursday, Friday, Saturday—Semester final examinations</td>
</tr>
<tr>
<td>June 24</td>
<td>Saturday—Semester ends at 9 p. m.</td>
</tr>
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</table>
(Tentative)

CALENDAR OF THE UNIVERSITY*

EXTRA SESSION

May 4  
Tuesday—Registration, 8:00-5:00

July 1  
Thursday—Session ends

SUMMER SESSIONS, 1943

Campus Session

June 7  
Monday—Registration, 8:00-12, 1:00-5:00

June 8  
Tuesday—Instruction begins at 7:00 a.m.

June 12  
Saturday—Last day for change in program of studies without charge

July 5  
Monday—Holiday

July 31  
Saturday—Session ends

Field Session

Aug. 2-Aug. 28  
Monday-Saturday—Field School of Art at Santa Fe. Registration at Santa Fe

REGULAR SESSIONS

Semester I, 1943-44

July 3  
Saturday—Tests and instructions for new students, 9:00 a.m., 1:00 p.m.

July 5  
Monday—Holiday

July 6  
Tuesday—Registration for all students: 8:00-12:00; 1:00-4:30; night students, 4:30-6:00

July 7  
Wednesday—Instruction begins at 8:00 a.m.

July 17  
Saturday—Last day for change in program of studies without charge

July 31  
Saturday—End of fourth week; last day for registration, or for addition of new course to program of studies

Aug. 28  
Saturday—End of eighth week—mid-semester

Sept. 25  
Saturday—End of twelfth week; last day for removal of Incomplete grades

Oct. 15-Oct. 22  
Friday-Friday—Pre-examination week

Oct. 22,23,25,26  
Friday, Saturday, Monday, Tuesday—Semester final examinations

Oct. 25  
Tuesday—Semester ends at 9:00 p.m.

Semester II, 1943-44

Oct. 30  
Saturday—Tests and instructions for new students, 9:00 a.m.

Nov. 1  
Monday—Registration for all students: 8:00-12:00; 1:00-4:30; night students, 4:30-6:00

Nov. 2  
Tuesday—Instruction begins at 8:00 a.m.

Nov. 13  
Saturday—Last day for change in program of studies without charge

*Due to war conditions, the calendar is subject to change without notice. Prospective students should write the Registrar for final dates immediately preceding the session which they plan to attend.
Nov. 27 Thursday—Thanksgiving Day—holiday
Nov. 29 Saturday—End of fourth week; last day for registra-
tion, or for addition of new course to program of studies
Dec. 1 Monday, Tuesday—Mid-semester examination period
Dec. 2 Tuesday—Christmas recess begins at 9:00 p.m.
Dec. 29 Wednesday—Instruction resumed at 8:00 a.m.
Jan. 1 Saturday—New Year's Day—holiday
Jan. 29 Saturday—End of twelfth week; last day for removal of Incomplete grades
Feb. 25-28 Friday—Pre-examination week
Feb. 27 Sunday—University Memorial Day
Feb. 25, 26, 28, 29 Friday, Saturday, Monday, Tuesday—Semester final examinations
Feb. 28 Tuesday—Semester ends at 9:00 p.m.

Semester III, 1943-44
Mar. 4 Saturday—Tests and instructions for new students, 9:00 a.m.
Mar. 6 Monday—Registration for all students: 8:00-12:00; 1:00-4:30; night students, 4:30-6:00
Mar. 7 Tuesday—Instruction begins at 8:00 a.m.
Mar. 15 Saturday—Last day for change in program of studies without charge
Saturday—End of fourth week; last day for registra-
tion, or for addition of new courses to program of studies
Saturday—End of eighth week—mid-semester
Saturday—End of twelfth week; last day for removal of Incomplete grades
May 30 Tuesday—Memorial Day—holiday
June 16-June 23 Friday—Pre-examination week
June 23, 24, 26, 27 Friday, Saturday, Monday, Tuesday—Semester final examinations
June 27 Tuesday—Semester ends at 9:00 p.m.
THE REGENTS

of

THE UNIVERSITY OF NEW MEXICO

THE HONORABLE JOHN J. DEMPSEY, Governor of New Mexico, ex-officio ________________ Santa Fe

MRS. GEORGIA L. LUSK, State Superintendent of Public Instruction of New Mexico, ex-officio ________________ Santa Fe

SAM G. BRATTON, President ________________ Albuquerque

JACK KORBER, Vice-President ________________ Albuquerque

MRS. JOHN MILNE, Secretary and Treasurer __ Albuquerque

ADOLFO C. GONZALES ________________ Albuquerque

MRS. FLOYD W. LEE ________________ San Mateo
ORGANIZATION AND ADMINISTRATION

Officers of Administration

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GEORGE PETER HAMMOND, Ph.D., Dean, Graduate School
JAY C. KNODE, Ph.D., Dean, College of Arts and Sciences, and Dean, General College
MARSHALL ELMER FARRIS, M.S. in M.E., Dean, College of Engineering
SIMON PETER NANNINGA, Ph.D., Dean, College of Education, and Director, Summer Session

★WILLIAM McLEISH DUNBAR, B.Arch., Dean, College of Fine Arts
JOHN DONALD ROBB, B.A., Acting Dean, College of Fine Arts
¶GEORGE ST. CLAIR, Ph.D., Dean Emeritus, College of Fine Arts
JOAQUÍN ORTEGA, Litt.D., Director of School of Inter-American Affairs

JAMES B. WILL, Capt. U.S.N. (Ret.), Head of Department of Naval Science and Tactics
LENA CECILE CLAUVE, M.A., Dean of Women
JABEZ LELAND BOSTWICK, M.A., Dean of Men
TOM L. POPEJOY, M.A., Executive Assistant and Comptroller
GEORGE WALTER WHITE, B.A., Assistant Dean, College of Education
J. T. REID, Ed.D., Director, Extension Division, and Director, Taos County Project

★PHILIP H. DUBOIS, Ph.D., Director, Bureau of Tests and Records
JOHN H. FETH, M.A., Administrative Assistant and Director of Student Employment

EVERETT HAYES FIXLEY, Ed.D., Head of the Placement Bureau
KEEN RAFFERTY, Director of University News Service

ERNEST W. HALL, B.A., Secretary, Alumni Association

FRED E. HARVEY, Editor of Publications and Manager of the University Press

EARL BOWDICH, Superintendent of Buildings and Grounds
CATHERINE HAGERMAN, Office Manager, Office of the Comptroller
MARGARET O'CONNELL, M.A., Recorder, Office of the Registrar

★VERA T. DARNALL, Clerk of Admissions, Office of the Registrar

ELIZABETH ELDRED, Assistant in Personnel Office
JOHN CHARLES MACGREGOR, JR., B.A., Business Manager of the Golf Course

C. H. TUCKER, Landscape Architect
GRACE E. CAMPBELL, B.S., in Educ., Supervisor of the Dining Hall

Betty Jo Poe, B.A., Assistant Director, University News Service

ALICE M. DAVIDSON, Chaperon in the Women's Residential Hall

MARGARET OFFICER, Matron of Bandelier Hall (Men's Dormitory)

CLYDE C. LOVELADY, Proctor, Cooperative Dormitory

* Candidate for Bachelor's degree.
★ On leave of absence, duration of war, for service with the armed forces.
¶ On leave of absence for one year to enter war work.
§ Resigned.
¶ Deceased.
Assistants to Officers of Administration

Louise Bemis, B.A., Secretary to the President
Dixie D. Niemants, Secretary to the President

Ruth Jean Purcell, B.A., Secretary, Office of the Registrar
Katherine Batsel Scrivner, Secretary, Office of the Registrar
Freda Champion, B.A., Accountant, Office of the Comptroller
Eleanor Manson, B.A., Cashier, Office of the Comptroller
Thelma Richardson, Voucher Clerk, Office of the Comptroller
Pearl D. Eilar, Clerk, Office of the Comptroller

Barbara Young, B.A., Cashier, Office of the Comptroller

A. T. Chavez, B.A., Accountant, Office of the Comptroller

John Garber, Accountant, Office of the Comptroller

Raymond Coffey, Clerk, Office of the Comptroller

Shirley Earickson, B.A., Secretary to Dean, Graduate School
Helene Durrett, B.S., Secretary to Dean, College of Arts and Sciences, General College

Julia Fritz, B.S., Secretary to Dean, College of Education

Clara Louise Morton, B.A., in Edu., Secretary to Dean, College of Education

Mary Louise Johnson, B.A., Secretary to Dean, College of Education
Opal Crenshaw, Secretary to Dean, College of Engineering

Barbara Clark, B.A., Secretary in Department of Naval Science and Tactics

Mary Jean Jorgensen, B.A., Secretary in Department of Naval Science and Tactics

Genevieve O'Connor, Secretary to the Director of Student Employment

Helen H. Iden, Secretary to Director of Extension Division
Lenore Hubbard, Secretary in the Placement Bureau

Maynard Meuli, B.A., Financial Secretary to Associated Students

Jean Mullins, B.A., Financial Secretary to Associated Students

Helen K. Hooper, B.A., Financial Secretary to Associated Students

Providence Raimond, Secretary-Librarian in School of Inter-American Affairs

Shirley Davidson, Secretary in School of Inter-American Affairs

Louise Denton, Switchboard Operator

Virginia McGinn, Switchboard Operator

Bonnie R. Hungate, Switchboard Operator

University Library Staff

Wilma-Loy Shelton, A.B., B.L.S., Librarian
Ruth Russell, Assistant Librarian
Esther June Piercy, B.S. in L.S., Head of Catalog Department
Mary E. Brindley, B.S. in L.S., Head of Reference Department
Elsa Smith Thompson, B.S. in L.S., Head of Loan Department
Mildred S. Breiland, B.A. in L.S., Head of Serials Division

* On leave of absence, duration of war, for service with the armed forces.
§ Resigned.
THE UNIVERSITY OF NEW MEXICO

ELIZABETH MORRISON, Clerk in Library
BEVERLY CARRICK, Head of Reserve Division

University Health Service

JAMES R. SCOTT, M.D., Ph.D., Professor of Health
C. KEITH BARNES, M.D., University Physician
JOHN R. SCHMIDT, M.D., University Physician
VIRGINIA MINTER, R.N., Office Assistant to University Physician
ALICE E. KELLEY, R.N., University Nurse

Co-operating Schools for Practice Teaching

ALBUQUERQUE PUBLIC HIGH SCHOOL, Glen O. Ream, M.A., Principal
LINCOLN JUNIOR HIGH SCHOOL, Glen Borland, M.A., Principal
LONGFELLOW SCHOOL, J. Buren Linthicum, M.A., Principal
WASHINGTON JUNIOR HIGH SCHOOL, Edward W. Lighton, M.A., Principal

State Agencies Situated on the Campus

State Public Health Laboratory
JAMES R. SCOTT, M.D., Ph.D., State Director, and Bureau of Public Health, Consultant
MYRTLE GREENFIELD, M.A., Director, Division of Laboratory

State Highway Department Laboratory
BURLTON G. DWYRE, State Highway Engineer
E. B. BAIL, B.S. in M.E., Laboratory Technician

Gasoline Tax Division Laboratory, Bureau of Revenue
P. E. CULVER, Head State Gasoline Tax Division
WALTER BIDDLE, B.S. in M.E., Laboratory Technician

§ Resigned
THE FACULTY OF THE UNIVERSITY

JAMES FULTON ZIMMERMAN, B.A., M.A., Vanderbilt University; Ph.D., Columbia University. President of the University and Professor of Government and Citizenship

KENNETH MILLER ADAMS, A.N.A., Chicago Art Institute; Art Students' League of New York; independent study in France and Italy. Assistant Professor of Art

HUBERT GREGGS ALEXANDER, B.A., Pomona College; Ph.D., Yale University. Assistant Professor of Philosophy

NINA M. ANCONA, B.A., M.A., University of New Mexico; Pupil of Silvio Scionti. Part-time Instructor in Theory and History of Music and Pipe Organ, Assistant Instructor in Piano

CHARLES B. BARKER, JR., B.S., M.A., University of New Mexico; Ph.D., University of California. Assistant Professor of Mathematics

CHARLES KEITH BARNES, B.A., B.S., University of North Dakota; M.D., Rush Medical School. University Physician and Associate Professor of Health

WILLIS L. BARNES, Instructor in Physical Education and Acting Head Football Coach

CHARLES ANTHONY BARNHART, B.A., M.A., University of Illinois. Professor of Mathematics

RICHARD F. BEHRENDT, Dipl. Oec. Pol., University of Cologne, Germany; Dr. Rer. Pol., University of Basel, Switzerland. Assistant Professor of Inter-American Affairs

WILLIS H. BELL, B.S., Grove City College; M.S., Ph.D., University of Chicago. Associate Professor of Biology

DALTON CARLYLE BERGAN, B.S. in M.E., University of New Mexico. Assistant Professor of Mechanical Engineering

EDITH STEPHENS BLESSING, B.A., M.A., University of New Mexico. Instructor in Department of English

LANSING B. BLOOM, B.A., M.A., Williams College. Research Associate and Editor of the New Mexico Historical Review

NORMAN H. BOKE, B.A., University of South Dakota; M.S., University of Oklahoma; Ph.D., University of California. Instructor in Biology

JABEZ LELAND BOSTWICK, B.S., Wooster College; M.A., Columbia University. Dean of Men and Professor of Geology

DONALD DILWORTH BRAND, B.A., Ph.D., University of California. Professor of Anthropo-geography and Head of the Department of Anthropology

JOHN G. BREELAND, A.B., Luther College; M.S., University of Iowa. Instructor in Meteorology

MARY E. BRINDLEY, B.S. in Lib. Sci., Columbia University; B.S., Iowa State College. Instructor in Library Science and Head of the Reference Department in the Library

JOHN L. BROWN, Lieutenant Commander, U.S.N., B.S., U. S. Naval Academy. Associate Professor of Naval Science and Tactics

§ Resigned.
# Transferred.
Karl Frederick Burg, Studied with Ludwig Püschel at Conservatory at Hanover. Instructor in Cello, Viola, Violin, and Guitar

William Emmett Burk, Jr., B.F.A., University of Southern California; Student in the Beaux-Arts Institute of Design. Instructor in Architecture and Sculpture and Head of the Department of Architecture

Arthur Leon Campa, B.A., M.A., University of New Mexico. Professor of Modern Languages

Enrique C. de la Casa, A.S.B., University of Madrid; A.M., Tulane University; Licentiate of Laws, University of Madrid; Ll. and Sc. C. D., University of Madrid. Assistant Professor of Modern Languages

Edward Franklin Castetter, B.A., Lebanon Valley College; M.S., Pennsylvania State College; Ph.D., Iowa State College. Professor of Biology and Head of the Department

Kenneth Chapman, Chicago Art Institute; Art Students' League of New York. Professor of Indian Art and Director of the Field School of Indian Art at Santa Fe

John Dustin Clark, B.S., M.S., New Hampshire College of Agriculture and Mechanic Arts; Ph.D., Stanford University. Professor of Chemistry and Head of the Department

Lena Cecile Clauve, B.A., University of New Mexico; M.A., Teachers' College, Columbia University. Dean of Women and Professor of Music Education

Ellen B. Crowe, B.A., Carnegie Institute of Technology; M.A., Columbia University; Instructor in Dramatic Art and Acting Head of the Department of Dramatic Art

Byrdis W. Danefels, B.A., M.A., B.Mus., Baylor University; Pupil of Carlos Buhler, Harold von Mickwitz, Silvio Scionti, Tobias Matthay, Hilda Diedrich. Assistant Head of Music Department, part time, with rank of Associate Professor

Tillett S. Daniel, Lieutenant Commander, U.S.N.; B.S., U. S. Naval Academy. Associate Professor of Naval Science and Tactics

Marion Dargan, B.A., Wofford College; M.A., Columbia University; Ph.D., University of Chicago. Professor of History

William F. J. De Jongh, B.A., M.A., University of Michigan; M.A., Ph.D., Harvard University. Assistant Professor of Modern Languages

F. Edward Del Dosso, B.A., M.A., Colorado State College of Education; Ed.D., Columbia University. Assistant Professor of Art

John William Dieffenbord, B.S. in Edu., Central Missouri State Teachers College; M.A., Ph.D., University of Missouri. Professor of Secondary Education, Head of the Department, and High School Visitor

Delight Keller Dixon, B.A., M.A., University of New Mexico. Part-time Instructor in Business Administration and Economics

John Dolzadelli, B.S. in P.E., University of New Mexico. Instructor in Physical Education

* On leave of absence, duration of war, for service with the armed forces.
§ Resigned.
* Semester II, 1942-43.
THOMAS C. DONNELLY, B.A., Marshall College; M.A., Ph.D., New York University. Professor of Government and Head of the Department of Government and Citizenship

JOHN HAZARD DORROH, B.E., C.E., Vanderbilt University. Professor of Civil Engineering and Head of the Department

RALPH W. DOUGLASS, B.A., Monmouth College. Associate Professor of Art and Head of the Department, Director of Field School of Art at Taos

PHILIP HUNTER DUBoIS, B.A. Union College; M.A., Ph.D., Columbia University. Associate Professor of Psychology and Director of the Bureau of Tests and Records

WILLIAM McLEISH DUNBAR, B.Arch., Cornell University. Dean of the College of Fine Arts and Professor of Architecture

ROBERT MANLY DUNCAN, B.A., M.A., Oberlin College; Ph.D., University of Wisconsin. Associate Professor of Modern Languages and Acting Head of the Department

HENRY F. DUNLAP, B.A., M.A., Ph.D., Rice Institute. Lecturer in Physics Department

ROBERT KRIC K EVANS, B.A., Allegheny College; M.A., University of New Mexico. Instructor in Economics

FRED CARL FACH, Photographic Specialist; Director and President of Illinois Master Photofinishers Association; Adviser on laboratory equipment and methods. Part-time Instructor in Photography

MARSHALL ELMER FARRIS, B.S. in M.E., Purdue University; M.S. in M.E., University of Texas. Dean of the College of Engineering, Professor of Mechanical Engineering and Head of the Department. Director of the Engineering Experiment Station and Coordinator of the Civilian Aeronautics Administration War Training Program

CICIL H. FEWELL, B.B.A., M.B.A., University of Texas. Assistant Professor of Economics and Acting Head of the Department of Economics and Business Administration

EVERTT HAYES FINLEY, B.S. in Educ., University of Kansas; Ed.M., Ed.D., Harvard University. Professor of Education

ALBERT DUANE FORD, B.S. in M.E., M.S. in M.E., Montana State College. Professor of Mechanical Engineering and Head of the Department

KURT FREDERICK, State Academy of Music and University of Music in Vienna; Pupil of Sevcik, Odnoposoff, William Primrose. Instructor in Violin, part time

JESÚS GUERRERO GALVÁN, Professor of Figure Drawing, School of Fine Arts, National University of Mexico. Latin American Artist in Residence

W. A. GEKLER, M.D., Indiana Medical College. Research Associate in Biology

CHARLES LEROY GIBSON, B.S., University of New Mexico; M.A., Ph.D., University of Colorado. Assistant Professor of Chemistry

LEO LINDSEY GLEAVES, B.S., Peabody College for Teachers; M.S., University of New Mexico. Instructor in Physical Education for Women and Head of the Department

† On leave of absence for one year to enter war work.
★ On leave of absence, duration of war, for service with the armed forces.
C. E. HABLUTZEL, B.A., M.A., Stanford University; Ph.D., California Institute of Technology. Lecturer in Physics Department

GEORGE P. HAMMOND, B.A., M.A., Ph.D., University of California. Dean of the Graduate School, Professor of History and Head of the Department

RUTH HANNAS, B.A., M.A., University of California; Ph.D., University of Rochester, Eastman School of Music; Pupil in Piano and composition of Ashley Pettis, Albert Elkus, George McManus, Carolyn Alchin, and Walter Gieseking. Associate Professor of Music, part time, and Instructor in Piano

WARD F. HARDMAN, Lieutenant Commander, U.S.N.; B.S., U. S. Naval Academy. Associate Professor of Naval Science and Tactics

ALBERTON C. HARSHMAN, Lieutenant, U.S.N.; B.S., U. S. Naval Academy. Assistant Professor of Naval Science and Tactics

BENJAMIN FRANKLIN HAUGHT, B.A., West Virginia University; M.S., Columbia University; Ph.D., George Peabody College for Teachers. Professor of Psychology and Head of the Department

FLORENCE M. HAWLEY, B.A., M.A., University of Arizona; Ph.D., University of Chicago. Assistant Professor of Anthropology

JOHN JAMES HEIMBERICH, B.S., Kansas State College. Assistant Professor of Engineering Drawing

SILMA ERNESTINE HERR, E.B.S., South Dakota Northern State Teachers College; M.A., University of Montana. Assistant Professor in the College of Education

EDGAR LEE HEWETT, B.Pd., M.Pd., Colorado State Teachers College; D.Soc., University of Geneva; LL.D., University of Arizona; L.H.D., University of New Mexico. Professor Emeritus of Archaeology and Anthropology

FRANK C. HIBBEN, B.A., Princeton University; M.S., University of New Mexico; Ph.D., Harvard University. Assistant Professor of Anthropology and Curator of the Museum

MARY MCCONNELL HICKOX, B.A. in Educ., University of New Mexico. Instructor in Dramatic Art

WILLARD WILLIAMS HILL, B.A., University of California; Ph.D., Yale University. Associate Professor of Anthropology and Director of Intramural Sports

ROBERT EDWARD HOLZER, B.A., Reed College; M.A., Ph.D., University of California. Associate Professor of Physics and Director of the Premeteorological Training Program

WILLIAM HUME, II, B.E., Vanderbilt University; Ph.D., Johns Hopkins University. Associate Professor of Civil Engineering

CHARLES ERNEST HUTCHINSON, B.A., M.A., Ph.D., University of Southern California. Instructor in Sociology

EVA MARGARETA ISRAEL, B.A., University of New Mexico; M.A., Syracuse University. Instructor in Department of Business Administration and Economics

WILLIS DANA JACOBS, B.A., M.A., University of New Mexico. Instructor in English

# Transferred.
\* Semester I, 1942-43.
\* On leave of absence, duration of war, for service with the armed forces.
THE FACULTY OF THE UNIVERSITY

*Roy William Johnson, B.A., University of Michigan; Certificate, Université de Poitiers, France. Director of Athletics, Professor of Physical Education and Head of the Department

Frank Herman Jonas, B.A., M.A., University of Utah; Ph.D., University of Washington. Assistant Professor of Government and Citizenship

Herbert L. Jones, B.A., University of Oregon; M.A., Ph.D., Oregon State College. Assistant Professor of Electrical Engineering

Raymond Jonson, Chicago Academy of Fine Arts. Assistant Professor of Art, part time

Julia Mary Keleher, B.A. in Educ., M.A., University of New Mexico. Assistant Professor of English

*Walter Burrous Keller, Mus.B., M.A., University of Indiana; Juilliard Graduate School. Instructor in Harmony, Counterpoint and Piano

Vincent Cooper Kelley, B.A., University of California at Los Angeles; M.S., Ph.D., California Institute of Technology. Associate Professor of Geology

*Francis Monroe Kercheville, B.A., Abilene Christian College; M.A., Ph.D., University of Wisconsin. Professor of Modern Languages and Head of the Department

Veon C. Kiech, B.A., University of New Mexico; M.A., Ph.D., Stanford University. Professor of Chemistry

†Fred O. Kiel, B.A., M.B.A., University of Kansas. Assistant Professor of Economics and Business Administration

Victor Ernest Kleven, B.A., LL.B., University of Saskatchewan; B.C.L., B.Litt., University of Oxford. Associate Professor of Government and Acting Head of the Department

Jane Kluckhohn, B.A., University of Wisconsin; M.A., University of New Mexico. Instructor in English

Jay C. Knode, B.A., M.A., University of Nebraska; Ph.D., Columbia University. Dean of the College of Arts and Sciences, Dean of the General College, Professor of Philosophy and Head of the Department

Clinton H. S. Koch, B.A., Hamline University; M.A., University of New Mexico. Assistant Professor of Modern Languages

§Rufus A. Koerting, B.Sc. in M.E., University of Nebraska. Instructor in Mechanical Engineering

William Jacob Koster, B.A., Ph.D., Cornell University. Associate Professor of Biology

William M. Kunkel, Kimball School of Music; pupil of Angelo Lancius, Fred Guilford, flutists; studied violin under Isidor Troostwick of Yale Music School; flute soloist with John Philip Sousa's Band. Instructor in Orchestration, Band and Wind Instruments

Harold Daniel Larsen, B.A., M.A., University of Michigan; Ph.D., University of Wisconsin. Associate Professor of Mathematics

§Freda Lois Law, B.A., University of Colorado; M.A., University of Wyoming. Assistant Director of Extension Division and Instructor in English by extension

† On leave of absence for one year to enter war work.
§§ Resigned.
★ On leave of absence, duration of war, for service with the armed forces.
Marcy Thomas Lewellen, B.S. in M.E., M.E., Iowa State College. Associate Professor of Mechanical Engineering

Alton Anthony Lindsey, B.S., Allegheny College; Ph.D., Cornell University. Assistant Professor of Biology

Randolph N. Long, Lieutenant (Junior Grade); M.C., U.S.N.R., University of the South; M.D., Tulane Medical School. N.R.O.T.C. Medical Officer

Albert Richard Lopes, B.A., M.A., Ph.D., University of California. Assistant Professor of Modern Languages

Lewis M. Martin, Golf Instructor

Mamie Tanquist Miller, B.A., Hamline University; M.A., University of Minnesota; Ph.D., University of Southern California. Associate Professor of Sociology

Lynn Boal Mitchell, B.A., Ohio State University; M.A., Ph.D., Cornell University. Professor of Classics and Head of the Department

Susan Moser, B.S., M.S., Iowa State College. Assistant Professor of Home Economics

Robert Arthur Moyer, B.S. in Educ., M.A., University of Missouri; Ph.D., George Peabody College. Associate Professor of Education

Simon Peter Nanninga, B.S., Kansas State Teachers College; M.A., Stanford University; Ph.D., University of California. Dean of the College of Education, Professor of School Administration and Head of the Department. Director of Summer Session

Carroll Vincent Newsom, B.A., College of Emporia; M.A., Ph.D., University of Michigan. Professor of Mathematics and Head of the Department

Stuart A. Northrop, B.S., Ph.D., Yale University. Professor of Geology and Head of the Department. Curator of the Geology Museum

Joaquin Ortega, M.A., University of Wisconsin; Litt.D., University of New Mexico. Director of School of Inter-American Affairs and Professor of Spanish

Thomas Matthews Pearce, B.A., University of Montana; M.A., Ph.D., University of Pittsburgh. Professor of English and Head of the Department

Gene Thomas Pelser, B.A., Colorado College; M.S., Ph.D., University of Oklahoma. Instructor in Physics, part time

George Maxwell Peterson, Ph.B., M.A., Ph.D., University of Chicago. Professor of Psychology

George T. Petrol, B.S., Albright College; M.S., University of New Mexico. Instructor in Physical Education

Esther June Percy, B.A., University of Idaho; B.S. in L.S., University of Illinois. Instructor in Library Science and Head of the Catalog Department in the Library

Michel Pijoan, B.A., Pomona College; M.D., Johns Hopkins Medical School. Research Associate in Chemistry
THE FACULTY OF THE UNIVERSITY

LOLITA H. POOLER, B.A., M.A., University of New Mexico. Instructor in Modern Languages, part time

TOM L. POPEJOY, B.A., M.A., University of New Mexico. Executive Assistant, Comptroller, and Associate Professor of Economics and Business Administration

BESS CURRY REDMAN, B.A., in Educ., University of New Mexico; B.Mus., Lamont School of Music; Pupil of Sandor Radonavitz, Charles Norman Granville, Lester Hodges, Florence Lamont Hinman. Assistant Professor of Music and Voice

FRANK DRIVER REEVE, B.A., M.A., University of New Mexico; Ph.D., University of Texas. Associate Professor of History

PARRY REICHE, B.S., Massachusetts Institute of Technology; Ph.D., University of California. Assistant Professor of Geology and Geological Consultant

J. T. REID, B.A., Howard Payne College; M.A., Baylor University; Ed.D., Columbia University. Professor of Education, Director of Extension and Director of Taos County Project

REGINALD C. REINDORP, B.A., M.A., University of New Mexico. Instructor in Modern Languages

PAUL REITER, B.A., M.A., University of New Mexico. Instructor in Anthropology and Assistant Curator of the Museum of Anthropology

STEPHEN E. RAYNOLDS, B.S. in Engineering. Assistant Professor of Mechanical Engineering, and Superintendent of Utilities

JOHN DONALD ROBB, B.A., Yale University; Graduate of the Harvard University Law School; Juilliard School of Music; American Conservatory at Fontainebleau; Pupil in composition of Paul Hindemith, Nadia Boulanger, Roy Harris. Professor of Music and Head of the Department, Acting Dean of the College of Fine Arts

ARTHUR ROSENTHAL, Dr. Phil., University of Munich. Associate Professor in the Department of Mathematics

* BENJAMIN SACKS, B.A., University of New Mexico; M.A., McGill University; Ph.D., Stanford University. Associate Professor of History

* DAVID SARVIS, B.A., Antioch College; M.F.A., Department of Drama, Yale University. Instructor in Dramatic Art

* LYLE SAUNDERS, B.A. in Educ., University of New Mexico. Research Associate, School of Inter-American Affairs

JOHN R. SCHMIDT, M.D., Kansas University. University Physician and Associate Professor of Health

FRANCE SCHOLES, B.A., M.A., Harvard University. Visiting Lecturer in History

FLORENCE MARGARET SCHROEDER, B.S., Iowa State College; M.A., Columbia University. Instructor in Home Economics

JAMES R. SCOTT, B.A., University of California; M.D., Cooper Medical College of Stanford University; Ph.D., George Washington University. Professor of Health

MELO SEDILLO, B.A., M.A., University of New Mexico. Assistant Professor of Art

* Semester II, 1942-43.
§ Resigned.
★ On leave of absence, duration of war, for service with the armed forces.
* Candidate for Master's degree.
S E D N I C A A R S T E S, A.B., University of Cincinnati; Ph.D., University of London. Lecturer in Department of Philosophy.

GEORGE ST. CLAIR, B.A., M.A., Whitman College; Ph.D., University of California. Dean Emeritus of the College of Fine Arts and Professor Emeritus of English.

SUSANNA ARABELLA STERRETT, B.A., M.A., University of New Mexico. Instructor in Department of Psychology.

EDGAR ALAN SWALLOW, B.A., University of Wyoming; M.A., Ph.D., Louisiana State University. Instructor in English.

RALPH W. TAPY, B.S., in E.E., Rose Polytechnic Institute; M.S. in E.E., University of Michigan; E.E., Rose Polytechnic Institute. Associate Professor of Electrical Engineering and Head of the Department.

GRACE THOMPSON, B.Mus., Defiance College. Associate Professor of Music.

LOYD S. TIREMAN, B.A., Upper Iowa University; M.A., Ph.D., State University of Iowa. Professor of Elementary Education and Head of the Department.

OSCAR E. VALENTIN, Student of Cincinnati Conservatory of Music. Part-time Instructor in Violin.

EMILIE VON AUW, Diploma from New York School of Fine and Applied Art; Certificate, Fontainebleau, L'Ecole Americain des Beaux Arts; Diploma, The Packer Collegiate Institute; Independent study in France and Italy. Instructor in Art.
THE FACULTY OF THE UNIVERSITY

WILLIAM C. WAGNER, B.S. in C.E., C.E., South Dakota School of Mines; M.S. in Highway Engineering, Iowa State College. Associate Professor of Civil Engineering

PAUL WALTER, JR., B.A., Stanford University; M.A., University of New Mexico; Ph.D., Stanford University. Associate Professor of Sociology and Head of the Department

GEORGE WALTER WHITE, B.A., University of New Mexico. Assistant Dean, College of Education, Associate Professor of Education and Head of the Division of Physical Education and Health

CECIL VIVIAN WICKER, B.A., M.A., University of Michigan; Ph.D., University of Pittsburgh. Assistant Professor of English

JAMES B. WILL, Captain, U.S.N.; B.S., U.S. Naval Academy; M.S., Columbia University; Graduate of U.S. Naval War College. Professor of Naval Science and Tactics

*PAUL BROOKS WILLIS, Colorado College. Part-time Instructor in Art

DOROTHY WOODWARD, B.A., Randolph-Macon Woman's College; M.A., University of Colorado; Ph.D., Yale University. Assistant Professor of History.

EVERLY JOHN WORKMAN, B.S., Whitman College; Ph.D., University of Virginia. Professor of Physics and Head of the Department

DUDLEY WYNN, B.A., University of Texas; M.A., Ph.D., New York University. Associate Professor of English. Editor of The New Mexico Quarterly Review

*GUSTAVE ZIELASKO, B.A., College of Wooster; M.A., University of Michigan. Instructor in Physical Education for Men

VISITING INSTRUCTORS

Summer Session of 1942

MARTHA DUNN, B.S., Kansas State University. San José School. Critic and Demonstration Teacher

DOROTHY FULLER, M.A., Columbia University. University of Arizona. Instructor in English

JAMES LINUS GLANVILLE, Ph.D., Johns Hopkins University. Southern Methodist University. Instructor in History

GEORGE M. GLOSS, Ed.D., Teachers College, Columbia University. Louisiana State University. Instructor in Education

WALTER HELFER, M.A., Columbia University; F.A.A.R., Rome, Italy. Hunter College of the City of New York. Instructor in Music

MARIE M. HUGHES, M.A., University of Chicago. Los Angeles City Schools. Assistant Director of Two-Weeks Workshop

ELIOT JONES, Ph.D., Harvard University. Stanford University. Instructor in Economics and Business Administration

WILLIAM J. KLOPP, Ph.D., University of Southern California. Long Beach Public Schools. Instructor in Education

LOIS LEE, B.A., University of New Mexico. Longfellow School. Critic and Demonstration Teacher

MABEL MAJOR, M.A., University of Missouri. Texas Christian University. Instructor in English

ROBERT E. MARSHALL, M.A., George Peabody College. Principal of Clovis, New Mexico, Senior High School. Instructor in Education

† On leave of absence for one year to enter war work.
★ On leave of absence, duration of war, for service with the armed forces.
CORINNE A. SEEDS, M.A., Columbia University. University of California at Los Angeles. Director of Two-Weeks Workshop

LEOTA GREGORY THOMAS, M.A., University of Chicago. Field Museum of Natural History, Chicago. Instructor in Science Education in Two-Weeks Workshop

KENNETH L. WENTWORTH, Ph.D., Columbia University. Principal of Lew Wallace School, Albuquerque. Instructor in Psychology

JOSEPHINE WILLIAMS, B.A., University of New Mexico. Longfellow School. Critic and Demonstration Teacher

Anthropology Field Session
August, 1942

General and Advanced Field Sessions
(Chaco Canyon)

FLORA BAILEY, M.A., Columbia. Maplewood, New Jersey. Assistant Supervisor of Ethnology

DONALD D. BRAND, Ph.D., California. Head of Department and Professor of Anthropo-Geography, University of New Mexico. Visiting Lecturer in Anthropo-Geography

FLORENCE CLINE, B.A., New Mexico. University of New Mexico. Hostess and Librarian

W. W. HILL, Ph.D., Yale. Associate Professor of Anthropology, University of New Mexico. Visiting Lecturer in Ethnology

CLYDE KLUCKHOHN, Ph.D., Harvard. Associate Professor of Anthropology, Harvard University. Visiting Lecturer in Anthropology

CHARLES LANGE, M.A., New Mexico. Graduate Fellow, University of New Mexico. Laboratory Supervisor and Assistant in Archaeology

PAUL REITER, M.A., New Mexico. Instructor and Assistant Curator, University of New Mexico. Supervisor of Archaeology and Director

ANNE M. SMITH, Ph.D., Yale. Albuquerque, New Mexico. Visiting Lecturer in Ethnology

LELAND C. WYMAN, Ph.D., Harvard. Associate Professor of Physiology, Boston University School of Medicine. Supervisor of Ethnology

Instructors and Critic Artists
Field School of Art at Taos

KENNETH M. ADAMS, Chicago Art Institute; Art Students' League of New York; Ransom Academy, Paris. Instructor

ERNEST L. BLUMENSCHEIN, Art Students' League of New York; Julian Academy, Paris. Critic Artist

ANDREW DASBURG, Art Students' League of New York. Instructor

VICTOR HIGGINS, Academy of Fine Arts in Chicago, Art Institute of Chicago. Instructor

JOSEPH IMHOF, Academy at Munich; Gewerbe Schule at Munich; studied in New York, Paris, Antwerp, and Amsterdam. Instructor

OSCAR E. BERNINGHAUS, St. Louis School of Fine Arts. Instructor

MILLARD SHEETS, Chouinard School of Art. Visiting Instructor

BROOKS WILLIS, Department of Art, University of New Mexico. Director
EXTENSION DIVISION

Non-Resident Instructors

T. C. BIRD, B.A., M.A., University of New Mexico. Principal, Hobbs High School. Instructor in Education

IRVIN P. MURPHY, B.A., M.A., University of New Mexico. Superintendent of Schools, Carlsbad. Instructor in Education

OWEN O. SABIN, B.A., M.A., University of New Mexico. Principal, Gallup High School. Instructor in Education

ASSISTANTS

- IRMA BARNES, B.A., University of Illinois. Teaching Assistant in the Department of Modern Languages

- EUPHA ALICE BUCK, B.A., M.A., University of New Mexico. Teaching Assistant in Mathematics

**† THEODORE CREVENNA. Graduate Research Assistant in School of Inter-American Affairs

- JACK KULP, B. ARCH., Cornell University. Teaching Assistant in Art, part time

- ZOILA SANCHEZ, B.S. in P.E., University of New Mexico. Teaching Assistant in the Department of Physical Education for Women

- MARY A. THOMPSON, B.S., State Teachers College, Tennessee; M.A., University of Tennessee. Teaching Assistant in the Department of Physical Education for Women

- ANNA VALLEVIK, B.S., University of New Mexico. Teaching Assistant in the Department of Chemistry

- MARIE POPE WALLIS, B.A., University of California at Los Angeles; M.A., M.S., University of Southern California. Teaching Assistant in Department of Modern Languages

- BIRDIE BRYAN WEST, B.S. in P.E., M.S., University of New Mexico. Teaching Assistant in Department of Physical Education for Women

- FREDERICK C. V. WORMAN, B.S. in Educ., University of New Mexico. Teaching Assistant in the Department of Biology

GRADUATE FELLOWS

- TOM DEVANEY, B.S. in Educ., University of New Mexico. Biology

- ANN LIGHT, B.A., University of New Mexico. Modern Languages

- MERLE MITCHELL, B.A., Southern Methodist University. Mathematics

- CONRAD NAEGLE, B.A., New Mexico State Teachers College. History

- HELEN LOONEY PARKER, B.A. in Educ., University of New Mexico. Biology

- MARY JANE GRUBGELD, B.S., Lebanon Valley College. Biology

- TORREY SMITH, B.A. in Educ., Santa Barbara State College. Education

- Semester I, 1942-43.

* Candidate for Master's degree.

§ Resigned.

□ On leave of absence, Semester II, 1942-43.

** Candidate for Bachelor's degree.

† Effective March 1, 1943.

- Semester II, 1942-43.
STUDENT ASSISTANTS

MARIANA AVERILL, Biology
MARIE BALLING, CAA Office
FRANCES BONNELL, Dining Hall
BETTE BRIGHT, Comptroller's Office

* THEODORE CREVENNA, School of Inter-American Affairs
ARNOLD FIEL, Biology
VIVIENNE HERNANDEZ, Library
VIOLA LUNA, Library
ROSS McCLINTOCK, Men's Physical Education
REED MURRAY, Library
MARION PEARSSALL, Anthropology
NORVELL SMITH, Men's Physical Education
MARY JEAN STEIDLEY, Fine Arts
BILLY ULLOM, Men's Physical Education
MARJORIE WALTER, Physical Education
KATHLEEN WHITE, Library
CAROL WILLIAMS, Library
HERBERT WILSON, Library
PAULINE D. WRIGHT, Library

* To March 1, 1948.
GENERAL INFORMATION

Aim

The aim of the University of New Mexico is to place the resources of higher education of the state at the disposal of its citizens. With this end in view the University carries on not only an extensive program of instruction, but also a systematic program of research and original investigation. As a teaching institution the University endeavors to place its facilities at the disposal of any person who desires and has sufficient qualifications to use them. As a research institution, the University endeavors to advance knowledge, especially in those fields related to the welfare of the state as a whole. In performing its functions, the University endeavors to attract young men and women of ability and character, and to train them for leadership.

For the duration of the war, the facilities of the University have been given over to the service of the nation.

Accrediting

The University has been a member of the North Central Association of Colleges and Secondary Schools since 1922. Approval of the Association of American Universities was given to the University in 1933, and the American Association of University Women recognized the University in the same year. In 1937 the College of Engineering was approved by the Engineering Council for Professional Development.

Situation

The University is situated in Albuquerque, a metropolitan area of 65,000 inhabitants. The elevation of the campus is over 5,000 feet above sea level. The climate is mild throughout the year. Albuquerque is noted for its dry and sunny weather.

The city is on the main line of the A. T. & S. F. Railway, transcontinental air lines, and is served by major transcontinental bus lines. U. S. Highways 66 and 85 intersect at Albuquerque.

Historic Santa Fe is approximately sixty miles to the north and the picturesque Indian pueblos of Taos, Jemez, Isleta, and Acoma are within easy driving distance.

History

The University of New Mexico was created in 1889 by an act of territorial legislation. The institution was opened as a summer normal school on June 15, 1892, and began regular instruction on September 21. The first nominal president was The Honorable E. S. Stover, who served five years. During this period, Principal George S. Ramsey was in direct charge of the institution for two years. Professor Hiram Hadley, vice-president, was in charge from 1894 to 1897. During his administration, the College of Arts and Sciences was incorporated.

In the summer of 1897, the Regents of the University elected Dr. C. L. Herrick, of Denison University, as the first active president. Dr. William G. Tight, also of Denison University, succeeded President Herrick. Under this administration the University adopted its unique architectural style, and incorporated the Engineering College. Upon the resignation of President Tight in 1909, Dr. E. D. McQueen Gray
served as president until 1912. He was followed by Dr. David Ross Boyd. In 1919 the Regents chose as president Dr. David Spence Hill, who served until September 1, 1927. During his administration, the Graduate School was established. Dr. James Fulton Zimmerman was Acting President from January 22 until September 1, 1927, at which time he became President.

The physical and numerical growth of the University has been rapid since that date. In 1928, the College of Education was incorporated; in 1935, the General College; and in 1936, the College of Fine Arts.

A unit of the United States Naval Reserve Officers Training Corps was established May 20, 1941. The School of Inter-American Affairs was instituted during the same year.

In December, 1942, the University was one of the institutions chosen by the Directorate of Weather of the Army Air Forces to offer the premeteorological training program.

Government and Support

The government of the University is vested in the Regents and the Faculty. Five Regents are appointed by the Governor of the state for a term of four years; the Governor and the Superintendent of Public Instruction are ex-officio members of the Regents.

The University is supported chiefly by appropriations made by the State Legislature, by income from the rental of lands granted to it by the Federal Government, by the income from royalties on the oil taken from these lands, and by student fees.

Campus and Buildings

The campus of the University is in the eastern environs of the city of Albuquerque, and within ten miles of the Sandia Mountains. The University's architectural style, a modification of the Indian pueblo, was adopted in 1905. The campus buildings include: Hodgin Hall, housing the College of Education; the maintenance shop; residential halls: Hokona for women; Yatoka, Bandelier Hall, and Mesa Vista (a coöperative dormitory) for men; Rodey Hall (the campus theater); Science Hall; Chemistry Building; Hadley Hall (the engineering building); Sara Raynolds Hall (home economics building); Press Building; Fine Arts Building; Parsons Hall (biology building); Lecture Hall; Carlisle Gymnasium; President's Residence; Dining Hall; Stadium Building; Administration Building; State Public Health Laboratory; Student Union Building; NYA Workshop; the Central Heating Plant; the Library; and the Inter-American Affairs Building.

Outdoor recreational facilities on the campus include a new eighteen-hole golf course, baseball diamond, swimming pool, tennis courts, and riding stables.

The Library

The Library contains approximately 91,091 volumes. All students have direct access to more than 7,400 volumes in the general reading room seating 256, and to more than 681 current periodicals in the Periodical reading room, which seats 48. The Browsing room, shelving 2,000 volumes, houses the White Memorial collection, Music books from the Carnegie Corporation, and the International Relations Club library given by the Carnegie Endowment for International Peace.
The Library is a designated depository of government documents, and these publications, together with those received from colleges, universities, and various learned societies, constitute a valuable reference collection. Through the courtesy of New Mexico editors, a number of newspapers of the state are received and kept on file.

The Reserve book room shelving 4,536 volumes and seating 96 readers, contains books placed in the room at the request of the faculty. These books must be used in the Reserve reading room and may not be taken from the Library until 9 p.m., except on Friday and Saturday, when they may be taken out at 5 p.m.

The Library of Congress depository catalog contains more than 2,000,000 cards available for bibliographical uses and helpful in arranging for inter-library loans.

The Library is primarily for the use of the faculty and students of the University, but residents of the state are urged to consult it freely. Books and pamphlets are lent upon request, and, when it is impossible to lend material, reference lists or suggestions as to the sources of information are gladly given. During the summer session the Library is open from 6:45 a.m. to 10:00 p.m. Monday through Thursday; 6:45 a.m. to 6 p.m. Friday and Saturday.

The Library has the following special collections:

The Van de Velde collection of Mexican materials consists of 8,686 bound volumes, 93 maps, and approximately fifty linear feet of pamphlets. The range of the subject matter is broad, covering archaeology, ethnology, geology, folklore, geography, biography, literature, arts and crafts, and the entire history of Mexico.

The Coronado Library contains manuscript collections, state publications, books about New Mexico, and bound photostats of materials, which have been made from the original archives in Mexico, Spain, and Santa Fe. By an arrangement with the Historical Society of New Mexico, the Coronado room also contains territorial, state, and county archival materials.


The Wilson collection, contributed by Mr. George A. Kaseman in 1922, contains 170 volumes dating from 1533 to 1803. The books are in Latin, Spanish, French, and Italian, and treat for the most part law, history, medicine, philosophy, and religion.

The Otero collection, contributed by Ex-Governor and Mrs. M. A. Otero in December, 1939, contains 465 volumes on the Southwest and general fields, as well as a valuable manuscript and museum collection.

Mrs. Albert Simms presented the library with 648 volumes from Sandia School. This collection contains a selected list of the classics as well as outstanding books in all fields.

In order to offer students and others self instruction in the use of the library an illustrated handbook has been issued. It describes the library, its collection and services, and gives rules for its use.

Museums and Exhibitions

Anthropology (Administration Building).—A museum hall, in connection with the Department of Anthropology, houses varied material of anthropologic interest. The ceramic collection is especially
strong, with the several Southwestern ceramic areas, Mexico, and Peru being well represented. Southwestern and Peruvian textiles, stonework from the Southwest and the Great Plains, and bone and wood artifacts from the Southwest are also on exhibit. Recent additions include typical artifacts from Alaska and the Northwest Coast, including a 45 foot totem pole. Features include dendrochronologic and ceramic-type charts.

Geology (Administration Building).—The Geology Museum has a double purpose: it is designed to serve the general public and to supplement the instructional program. Exhibits include a systematic series of minerals, a stratigraphic series of fossil animals and plants, and a paleontologic series of fossil and modern invertebrates. Other notable features are a type collection of New Mexico meteorites, a fluorescence-phosphorescence exhibit, and an exhibit illustrating how fossils are preserved.

Fine Arts Gallery.—A continuous exhibition program throughout the school year in the Gallery of the Fine Arts Building is made possible by the joint sponsorship of the Department of Art and the Art League of New Mexico. Three annual exhibitions are scheduled regularly: Albuquerque Artists, the Student Exhibition, and the Faculty Exhibition. Besides these there are numerous group and one-man shows. New Mexico stands among the first of the states in the number of recognized artists resident within its borders. Their presence makes it possible for the University to maintain a high standard of excellence in its exhibitions.

Four important murals may be seen on the campus: several panels each by Raymond Jonson and the late Willard Nash, on view in the Fine Arts Building; four panels in the Coronado Library by Kenneth M. Adams, A.N.A.; and a large fresco in the Administration Building by Jesús Guerrero Galván, recently Latin-American Artist in Residence.
ADMISSION AND REGISTRATION

Admission

Credentials.—All communications regarding entrance should be addressed to the registrar. The University requires that each new student have his credentials sent directly to the registrar from the high school or college previously attended. Transcripts in the possession of students are not acceptable for entrance purposes. Students are urged to have their credentials sent at least one month before the opening of the semester. It should be understood that delay in presenting these credentials may cause postponement of registration with resulting inconvenience to the student. No student may enroll until the required credentials are in the hands of the registrar.

All communications regarding living accommodations, board and room, etc., should be addressed to the Personnel office, University of New Mexico. (See Dining and Residential Halls.)

Admission of Freshmen.—Each freshman is required to present an application for admission, and to have a transcript of his high school record sent to the registrar by the principal or superintendent. An application for admission will be found in the back of the catalog, or additional copies may be obtained from the registrar. If the high school does not have a form for transmitting the high school record, transcript forms may be obtained by addressing the registrar.

Each freshman is also required to take a series of tests (see "Freshman Program" below). These tests sometimes reveal information which is used in recommending the college which the freshman should enter, the courses which he should undertake, and the amount of work which is appears advisable for him to attempt. If the tests reveal a marked weakness in preparation, the University authorities may require that the student take up a special program of work in the General College before he may enter upon a degree course in one of the regular colleges, or the student may be required to take certain non-credit courses designed to remove such weaknesses.

The University recommends that freshmen be at least 16 years of age, although exceptions are occasionally made.

Admission by Certificate.—Graduates of accredited high schools may be admitted to the University upon presentation of transcripts showing graduation from a four-year high school with 15 satisfactory units, or graduation from a senior high school with 11 satisfactory units. The term "unit" means the completion of a course of study consisting of recitation periods of at least 40 minutes each, held 5 times a week during 36 weeks.

Applicants who desire to enter the College of Engineering and who do not present three units of mathematics, will be required to take Mathematics A or B (or both) in addition to the regularly required freshman courses. Of the three units of mathematics required for admission to the College of Engineering, 1½ units should be in algebra and 1 unit in plane geometry. A student will not be admitted to the College of Engineering without credit in Plane Geometry.

If the applicant is not a high school graduate, but has completed the 15 required units in an accredited high school, he may be admitted
to the University upon written recommendation of his principal or superintendent.

During the period covered by this catalog, students who will complete the last semester of high school work within two weeks after the opening of any University session may be admitted, provided the high school principal will recommend the student's enrollment. It is assumed that normal completion of the high school program would have met the University's regular entrance requirements.

High schools in New Mexico accredited by the North Central Association of Colleges and Secondary Schools, or by the State Department of Education, and high schools in other states accredited by regional associations, or by the universities of those states, are accredited by the University of New Mexico.

In the admission of graduates of senior high schools, no attention need be paid to the work done in the junior high school, except as this may indicate courses preparatory to those completed in the senior high school. For example, if the second year of a language is completed in the senior high school, the applicant's transcript should show that the first year has been completed in the junior high school.

Admission by Examination.—Graduates of non-accredited or partially accredited high schools, or applicants whose high school preparation is incomplete, are expected to take examinations to validate, or earn credit in, that portion of their work which is unaccredited or incomplete. Entrance examinations are given at the University at the beginning of each semester. Applicants who desire to take examinations should notify the registrar at least two weeks in advance.

Recommended High School Units.—For the student preparing for college, the following units are recommended: English 4, mathematics 2 (for Engineering 3), language 2, science 2, social science 2, electives 3 or 4. However, the student may be admitted without deficiency with the following minimum requirements: English 3, mathematics 1 (for Engineering 3), social science 2 (including 1 in American History or American History and Civics), laboratory science 1, electives 8 (or in Engineering 6).

Freshman Program.—At the opening of each semester a "Freshman Program" is conducted. The purpose of this program is to acquaint the freshman with some of his fellows, to help him to feel more at home in new surroundings, to permit him to meet advisers and counselors, and to familiarize him somewhat with University methods and life. In addition to the preliminary registration and the various tests, numerous recreational and educational events are held.

Attendance Required.—Attendance of all freshmen with less than 10 semester hours credit is required during the entire Freshman Program period, but transferring students who have less than 60 hours of college credit are advised to attend all meetings except the tests. All new students are required to take the psychological test.

Time.—The Freshman Program will be held at the beginning of each semester, the dates and places of meetings to be announced in the city papers and on University bulletin boards.

Tests for Freshmen.—In order to make a comparison of the ability, training, and background of the different members of the freshman
class, the University administers a series of intelligence, placement, and achievement tests. A medical examination is also required for each student. Deans and advisers consider these tests quite helpful to their consultation and guidance relationships with the new student. The tests are designed principally to reveal the student’s aptitude for college work, and to assist in placing the student in courses of the proper level.

Every student registered in freshman English is examined as to his ability to use clear, correct, idiomatic English. No student can pass this test or continue in English 1a who shows serious weakness in spelling, punctuation, grammar, diction, or sentence structure. Students who do not pass the test are enrolled in English A.

Admission of Students with Advanced Standing.—The new student who has attended other colleges or universities shall request the authorities at each institution attended to send an official transcript of his record to the registrar of the University. The student is also required to make application for admission on the form which will be found at the back of the catalog. When the preparatory credits have not been accepted, and reported on the college transcript, the student is required to have a transcript of his high school work sent to the registrar. Transferring students are urged to present the necessary credentials early, so that they will not encounter delay in registration.

Information concerning the standing of transferring students cannot be given until the application for admission and all necessary transcripts are in the hands of the registrar. Neither is it possible to advise the student of his standing from a list of credits submitted in a letter. After the applications and transcripts have been received, an evaluation is made, and a copy sent to the student. The student should retain this copy, and bring it with him for registration purposes.

Students from fully accredited institutions ordinarily will be given full credit for work transferred, insofar as the courses taken are the same as, or equivalent to, courses offered in the college in which the student enrolls in this institution, provided the work is of the average quality required for graduation from the University of New Mexico. Only an approximate evaluation can be made prior to the student’s registration, and all credit is tentative until the student has completed at least one semester of satisfactory work in residence.

Credits transferred from an accredited junior college will be accepted up to a maximum of 64 semester hours plus 4 semesters of physical education. In accepting junior college credits, no courses will be considered as above sophomore level.

Credit earned by students transferring from unaccredited institutions is usually accepted on the same basis as by the state university of the state in which the institution is situated. Where it seems proper, examinations for the validation of credit may be required.

A student who is disqualified for re-registration in any other college or university, or whose grade-points earned total less than one-half the hours attempted, may not be considered by the Committee on Entrance and Credits for admission to the University of New Mexico until the period of his disqualification has expired, or until he has been out of school for one semester.

The Committee on Entrance and Credits will consider unusual cases on their merits.
Teachers and prospective teachers should note that teaching certificates are issued by the State Department of Education, Santa Fe, New Mexico. The transferring student who wishes to have an evaluation from the University, and a check-up of his eligibility for a teaching certificate, should have original transcripts sent both to the University registrar and to the State Department of Education.

Admission of Special Students.—Persons over twenty-one years of age who cannot meet the regular entrance requirements may be admitted as special students, provided they secure the permission of the instructors whose work they desire to take and the approval of the dean of the college concerned. Students over twenty-one who do not wish to work toward degrees at the University of New Mexico may also be admitted as special students under the same conditions, provided they have not attended any college or university during the semester immediately preceding their enrollment here. Applicants coming direct from high school will not be permitted to enter as special students. By virtue of his classification, the special student is not eligible for any degree, but may become a candidate ultimately by completing the admission requirements.

The student entering as a special should make application on the provided form. If he intends to establish regular status here, he should present official transcripts of any high school or college credit which he may have earned previously. He will not be permitted to continue his status as a special student longer than one year, except by special permission of the Committee on Entrance and Credits.

Admission of Unclassified Students.—Students transferring from unaccredited or partially accredited institutions are unclassified until they have validated credit in accordance with the University regulations. Students who are temporarily absent from other institutions are also registered as unclassified. In such cases statements of honorable dismissal, including scholastic status and classification, are required from the last institutions attended.

Admission of Auditors.—Mature students may attend classes as auditors, without credit, with the permission of the instructors concerned and of the dean of the college in which most of the audited courses lie. Auditors are required to pay fees at the rate of $5.00 per course. They must, upon registration, declare themselves as auditors and may not change to a credit basis after the first four weeks of the semester. A student enrolled for credit in a course may not change to an auditing basis in the same course after the first four weeks of the semester.

Admission of Graduate Students.—See Graduate Bulletin.

Registration

Materials Needed.—Each student should bring his copy of the general catalog to registration. The freshman should have in his possession the notice of admission. The transferring student should have a copy of his evaluation of transferred work. The student who has previously attended the University should have in his possession a photostatic copy of his permanent record. This copy will be placed in the returning student's registration envelope, if the student notifies the registrar of his intention to re-enroll.
Time of Registration.—Students are urged to register on the days set aside for registration (for dates, see University Calendar). The late registration fee is charged to each student who does not complete his registration on the specified days. Registration contemplates completing the entire procedure, including payment of fees. Prompt registration is at all times encouraged. No student may enroll late in any course unless he has the permission of the instructor concerned. A student may not be admitted to the University more than ten days after the opening of a semester, except with the permission of the dean.

Registration Procedure.—Details of the registration procedure are contained in a special notice issued by the registrar, and distributed to students on the days of registration.

Completion of Registration.—When the student has followed the prescribed registration procedure, and has paid his fees, his registration is complete. The University will hold the student responsible for completion of the courses for which he has been enrolled, unless he obtains approval for a change in his registration.

Changes in Registration

Change in Program of Studies.—The student who desires to add a course to, or drop a course from, his program of studies, should obtain from his dean a petition for change in program of studies. The student obtains signatures called for on this form, and returns it to the office of his dean. The dean sends the form to the Registrar’s office where official entry is made on the student’s record.

Students who drop a course at any time without permission will receive a grade of F in the course. A fee of $1.00 is charged for any change made in the student’s program of studies after the end of the second week of the semester, or after the end of the first week of the summer session.

Change in Major or Minor.—By the middle of the sophomore year, each student should declare his major and minor study, and make his application for a degree. A form for this purpose may be obtained from the Office of the Registrar, and after completion of the form, it should be returned to that office. If the student later wishes to apply for a different degree, change his major or minor, or change his college, he should complete a new application for degree, and return it to the registrar.

Change in College.—A student who desires to change his registration from one college to another shall petition the dean of his college. This petition requires approval of the deans of both colleges and is then filed with the registrar.

Change in Address.—Each student is expected to keep the University authorities informed as to his address. Any change in address should be immediately reported to the registrar.

Withdrawal from the University.—When a student wishes to cancel his registration and withdraw from the University during the semester, he should secure a withdrawal card from the Personnel office; the graduate student should secure the withdrawal card from the dean of the Graduate School. Grades of W or F are shown on
the student's record if he withdraws from the University after the first four weeks of the semester or first two weeks of a summer session. When a student leaves the University during a semester and does not carry out his withdrawal according to this regulation, he renders himself liable for a grade report of F in all of his classes, even though he is passing his courses up to the time of leaving.

Addition of Correspondence or Extension Courses to Program.—A resident student may enroll for correspondence and extension courses only when the addition of such course does not cause the student's program to be in excess of the maximum load allowed, and only after permission has been given by the dean of his college.

Medical Examinations

A medical examination, including a Wasserman test and a tuberculin skin test, is required of each new student following registration. These tests are given without charge by the University physician, but students who, without valid reason, fail to keep their examination appointments will be fined. Health-seeking students are accepted at the University if, in the judgment of the University physician, their work does not endanger themselves or their associates. The University may refuse registration to, or cancel the registration of, any student who is physically unfit to carry on class work, or whose physical condition might be a menace to the health of other students.

Degree Courses

For specific requirements leading to degrees in the various curricula, students should refer to the courses of study outlined in the listings of the different colleges.
EXPENSES

Tuition and Fees

All fees are due at the time of registration. A fee of $2.00 will be assessed if registration is not completed on the days specified. In addition to the matriculation fee of $5.00, which is paid once by each student upon his first registration in the University, other fees are charged according to the number of semester hours in the student's course. Auditors pay fees at the rate of $5.00 per course.

Registration Fees, Undergraduate Students, Per Semester.—

<table>
<thead>
<tr>
<th></th>
<th>More than six hours</th>
<th>Three to six hours</th>
<th>Three hours or less</th>
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</thead>
<tbody>
<tr>
<td>Tuition*</td>
<td>$30.00</td>
<td>$15.00</td>
<td>$10.00</td>
</tr>
<tr>
<td>Health Fee</td>
<td>3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student Activities Fee†</td>
<td>8.93</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student Bond Fee</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Breakage Deposit‡</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td></td>
<td>$48.93</td>
<td>$22.00</td>
<td>$17.00</td>
</tr>
</tbody>
</table>

*If a non-resident, add tuition

|                      |                    |                    |                      |
| 45.00                | 25.00              | 10.00              |
|                      | $93.93             | $47.00             | $27.00               |

†Includes $.43 Federal Tax.

Registration Fees, Graduate Students, Per Semester.—

<table>
<thead>
<tr>
<th></th>
<th>More than six hours</th>
<th>Three to six hours</th>
<th>Three hours or less</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition*</td>
<td>$30.00</td>
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<td>$10.00</td>
</tr>
<tr>
<td>Health Fee</td>
<td>3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student Bond Fee</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Breakage Deposit‡</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td></td>
<td>$40.00</td>
<td>$22.00</td>
<td>$17.00</td>
</tr>
</tbody>
</table>

*If a non-resident, add tuition

|                      |                    |                    |                      |
| 45.00                | 25.00              | 10.00              |
|                      | $85.00             | $47.00             | $27.00               |

Note: Graduate students enrolled for thesis only pay a $15.00 tuition fee, and breakage deposit.

Other Fees for Special Services.—

|                                      |                    |                    |                      |
| Change in program after end of second week, except upon | $1.00              |                    |                      |
| written demand of the instructor*     | 2.00                |                    |                      |
| Late registration fee                 | 2.00                |                    |                      |
| Late physical examination fee          | 1.00                |                    |                      |
| Examination to raise X to D           | 2.00                |                    |                      |
| Fee for removal of Incomplete grade   | 2.00                |                    |                      |
| Examination for validation of credit, per course | 2.00 |                    |                      |
| Other special examinations            | 2.00                |                    |                      |
| Examination for advanced standing, per credit hour | 2.50 |                    |                      |
| Transcript of credits (extra copies 25c each) | 1.00 |                    |                      |
| Penalty for dishonored checks         | 1.00                |                    |                      |

* Paid once yearly and refundable, less charges.
Diploma fee, bachelor's or master's degree .......................... 10.00
Binding master's thesis, per copy ........................................ 1.50

Additional Fees—
Individual music instruction, per credit hour .......................... $ 11.25
Group piano instruction, per credit hour .................................. 8.00
Equitation, per semester .................................................. 15.00
Fencing, per semester ..................................................... 3.00
Golf, per semester ......................................................... 3.00
Pipe organ rental, per semester ........................................... 12.00
Use of practice rooms (other than pipe organ):
  1 hour per day, per semester ........................................... 4.00
  2 hours per day, per semester ......................................... 6.00
  3 hours per day, per semester ......................................... 8.00
  4 hours per day, per semester ......................................... 10.00

Non-Resident Tuition Fees.—The 1941 Legislature passed a law defining the non-resident tuition requirements as follows:
A non-resident student shall be charged not less than One Hundred and Fifty Dollars ($150.00) per year, based on a nine month school year; providing that any student having graduated from a non-resident high school shall be considered a non-resident unless he or she shall have spent not less than twelve (12) months in residence in the State of New Mexico after becoming twenty-one (21) years of age while not attending school, or whose parents are legal residents of the state.

Upon request of the University authorities, students must furnish proof of their residence in the state of New Mexico. If a person other than the parent is named as guardian, the student will be required to furnish evidence of court appointment.

Health Fee.—The University maintains a full-time physician with offices in Carlisle Gymnasium. All students enrolled for seven or more semester hours are eligible to consult him in case of illness or injury. The physician's office is reasonably well equipped with instruments and medicines, and any work which can be done in the office is financed by the semi-annual health fee. Major and minor surgery and critical illness will be referred to local physicians at the student's expense.

Student Activities Fee.—The assessment of this fee is a voluntary action of the student body, through its organization, the Associated Students of the University of New Mexico. At registration, the University collects this fee as an accommodation to the Associated Students. The activities fee is distributed to the student organizations as shown in the Constitution of the Associated Students. Copies of the constitution may be obtained from the Personnel Office.

Withdrawals and Refunds.—All fees, except the matriculation fee, will be refunded to students voluntarily withdrawing from the University before the end of the second week of the session. Students voluntarily withdrawing later than the second week, but before the end of the eighth week of the semester, will be entitled to a refund of one-half of the tuition, and the guarantee deposit. Students withdrawing after the eighth week and students withdrawing at any time under discipline or because of academic deficiencies, will be entitled to a refund of the guarantee deposit only.
Estimate of Total Expense.—The minimum amount necessary for expenses while attending the University of New Mexico for two semesters is estimated as follows:

- Tuition and fees: $95.00
- Books and supplies: $25.00
- Board and room (according to type of room): $279.00 to $360.00
- Laundry (sent off campus): $50.00

Non-resident students should add $90.00 to the tuition costs. Students in residential halls are charged a recreational and social fee of $1.50 each semester.

Dining and Residential Halls

All matters pertaining to living accommodations for students are under the direction of the Personnel office. Inquiries concerning living accommodations should be addressed directly to that office.

It is expected that the residential halls and dining hall will be open continuously for the duration. It is required that board and room and social fee be paid in advance at the Comptroller's office. Receipts for these payments must be presented to the clerk at the dining hall and to the proctor in the residential hall. Students not living in the residential halls, and other persons connected with the University, may procure meals at the dining hall if space is available.

Room Reservation.—After a student has been notified by the registrar that he is admitted, he should make written application to the Personnel office for a room reservation in a residential hall. This application must be accompanied by a five dollar remittance, which will apply toward the first month's room rent. Should the applicant find it impossible to keep his reservation, he should notify the Personnel office not later than one week before the first day of registration. In such cases the five dollar reservation fee will be refunded. All students occupying rooms in residential halls are required to take their meals at the dining hall. Dormitory residents must furnish their own bedding, linens, and curtains.

Upon receipt of the five dollar reservation charge and upon notification from the registrar that the applicant has been accepted for admission, the Personnel office will send the applicant a receipt and room card. Should there be any question concerning the applicant's admission, the room card and receipt will be held and only a tentative reservation made.

Room Regulations.—Dormitory rooms are available to undergraduate men and women students. A list of approved rooming places near the campus for men and all graduate students is published every semester by the Personnel office. Women students are not permitted to room in houses where men are rooming.

Freshmen women whose homes are not in Albuquerque are required to live in the University residential halls for one year. Other undergraduate women whose homes are not in Albuquerque are required to live in the University residential halls or sorority houses. Exceptions to this regulation include: special adult students; regularly enrolled students who are over twenty-one years of age, and registered for 6 hours or less; women students who are working for board and room in approved homes.
No woman student may change her place of residence without the consent of the dean of women. The University reserves the right to determine where a student may reside.

All occupants of residential halls must vacate their rooms by 5 p.m. on the last day of the semester unless they expect to return for the following semester.

**Rates—Residential Halls.**—Students who have made room reservations and have room cards report to the residential halls upon arrival. Students who do not have reservations report immediately to the Personnel office. Students should plan to time their arrival at the residential halls between 8 a.m. and 10 p.m.

Whenever a room is occupied for more than one-half month, the full rate for the month will be charged. For a fractional month less than one-half month, the rate is 50¢ a night.

The following rates for residential halls and dining hall are subject to change whenever necessary to defray operating costs.

**Women's Residential Halls**—charges per calendar month per person:

<table>
<thead>
<tr>
<th>Room Type</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single room</td>
<td></td>
</tr>
<tr>
<td>North Hall</td>
<td>$10.00</td>
</tr>
<tr>
<td>New Hall</td>
<td>15.00</td>
</tr>
<tr>
<td>Double rooms (2 students)</td>
<td></td>
</tr>
<tr>
<td>South Hall</td>
<td>8.50</td>
</tr>
<tr>
<td>New Hall</td>
<td>12.00</td>
</tr>
<tr>
<td>Suites (2 bedrooms and study for 2 students)</td>
<td></td>
</tr>
<tr>
<td>North Hall</td>
<td>12.50</td>
</tr>
</tbody>
</table>

**Men’s Residential Halls**—charges per calendar month per person:

<table>
<thead>
<tr>
<th>Room Type</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bandelier Hall (Double room—2 students)</td>
<td>$12.50</td>
</tr>
<tr>
<td>Yatoka Hall (Double room—2 students)</td>
<td>10.00</td>
</tr>
<tr>
<td>Cooperative Dormitory (Double room—2 students)</td>
<td>6.00</td>
</tr>
<tr>
<td>Recreation and social fee per semester</td>
<td>1.50</td>
</tr>
</tbody>
</table>

**Rates—Dining Hall.**

<table>
<thead>
<tr>
<th>Category</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board only per calendar month for residents and non-residents of the dormitories</td>
<td>$25.00 to $30.00</td>
</tr>
<tr>
<td>Board only per day—less than a month</td>
<td>1.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Category</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breakfast</td>
<td>.25</td>
</tr>
<tr>
<td>Luncheon</td>
<td>.35</td>
</tr>
<tr>
<td>Dinner</td>
<td>.40</td>
</tr>
<tr>
<td>Dinner (Noon Sunday and holidays)</td>
<td>.75</td>
</tr>
</tbody>
</table>

**Guests.**—With the consent of the proctor or chaperon, students may entertain guests overnight at the residential halls. The guest will be charged fifty cents (50¢) per night. When a guest is to have meals at the dining hall, the clerk should be notified in advance, and the guest’s meals must be paid for at that time.

**Refunds.**—No refund is made on room rent. Refunds for board are made only for absences of seven or more consecutive days. These absences must be excused in writing by the dean of men or the dean of women, and with the approval of the director of the dining hall, who must be notified at the beginning of such an absence.
GENERAL ACADEMIC REGULATIONS AND GENERAL DEGREE REQUIREMENTS

Class Hours and Credit Hours

A class hour consists of fifty-three minutes. One class hour a week of recitation or lecture, throughout a semester, earns a maximum of one credit hour. One class hour a week of laboratory, orchestra, chorus, or physical training, throughout a semester, earns from one-third to one-half credit hour. One half-hour individual lesson a week in applied music, throughout a semester, earns two credit hours.

Grades

The grades awarded in all courses are indicative of the quality of work done. Their significance is as follows:

- **A, Excellent.** 3 grade points per credit hour.
- **B, Good.** 2 grade points per credit hour.
- **C, Average.** 1 grade point per credit hour.
- **D, Barely Passed.** No grade points.
- **F, Failed.** F is also given in any course which the student drops after the fourth week of a semester or second week of a summer session, while doing failing work.

**I, Incomplete.** The grade of I is given only when circumstances beyond the student's control have prevented his completing the work of a course within the official dates of a session. (See grade of PR.) The I automatically becomes an F if not removed (1) within the first twelve weeks of the next semester of residence, (2) within the next four semesters. The student may change the I to a passing grade by satisfactorily performing the work prescribed by the instructor. The student obtains from the office of his dean a permit to remove the I, pays the $2.00 fee, and takes the card to the instructor, who completes it and returns it to the office of the dean. The dean forwards this permit to the registrar where official entry on the student's record is made.

**W, Dropped Without Discredit.** W is given in any course which the student drops after the fourth week of the semester or second week of the summer session, while doing passing work.

**CR, Credit.** CR is used to report satisfactory completion of Master's thesis.

**NC, No Credit.** NC is used to report unsatisfactory completion of Master's thesis.

**PR, Progress.** This grade is used to indicate that master's thesis, or a graduate problem, is in progress but not complete. When the problem is complete, a regular grade is reported. When the thesis is complete, CR or NC is reported.

The mark of NR, No Report, is used only in registrar's grade reports to students and parents, to indicate that the instructor has not reported a grade.

**Change in Grade.**—No grade except I can be raised by a special examination. A grade of I can be changed to a passing grade in a manner to be determined in each case by the instructor concerned, with the approval of the dean of the college. (See I above.)
Any other change in grade, after the grade is on record in the Office of the Registrar, may be made only after reasons for such change have been submitted in writing by the instructor concerned, and approved by the Committee on Entrance and Credits.

Scholarship Index

A student's academic standing is referred to in terms of a scholarship-index obtained by dividing his total number of grade points by the total number of hours attempted.* All honors and prizes depending upon scholarship are determined by ranking students according to this index.

Grade Reports

At the end of the fourth week of the semester, grades are reported to the Office of the Registrar for all courses numbered below 101. At the mid-semester (end of eighth week) and at the end of the semester, grades are reported for all courses.

Grades to Parents.—Copies of mid-semester and semester grades are mailed to parents of undergraduate students.

Transcripts of Credits

Transcripts.—Each time a student completes work in the University, he is entitled to one complete transcript of record without charge. For each additional copy a charge of one dollar is made, except that when several copies are to be made at the same time, all copies in addition to the first will be charged for at the rate of twenty-five cents each.

If the student requires special statements to be made concerning his record, or if special forms are to be filled out, the transcript fee of $1.00 will be charged for such service.

Scholastic Status.—An undergraduate student has the status: "in good standing," "on probation," "General College," or "under suspension." The student "under suspension" may re-enroll at the expiration of the suspension period. Students under suspension from the General College may re-enter the University only through the General College. The status "General College" means that the student is not eligible for enrollment in a regular college without release from the General College by the dean.

Honorable Dismissal.—The status "in good standing," "on probation," or "General College," entitles the student to honorable dismissal, and on transcripts no separate statement of honorable dismissal is necessary. Whether he completes a semester, or withdraws with permission before the end of the semester, a student is entitled to honorable dismissal provided that he has the necessary scholastic status, and is in good standing regarding conduct and financial obligations. Honorable dismissal implies that the University will permit the student to re-register in the next session.

Withdrawal from the University

The student who desires to cancel his registration and withdraw from the University during the semester should follow the procedure outlined in the catalog section entitled "Admission and Registration."

* Exclusive of hours of non-theoretical physical education and ensemble music.
Change in Program of Studies

The student who desires to add or drop a course should follow the procedure outlined in the catalog section entitled "Admission and Registration."

Scholarship Regulations

The standing of students with respect to scholarship is checked at the end of each semester and summer session. At such times, students who are deficient in scholarship are placed on probation, or suspended, in accordance with the following regulations. A student placed on probation at any time will remain on probation until the next final examination period.

Probation.—A student is placed on probation at the end of any semester or summer session when the total number of points earned drops below two-thirds (in General College, one-half) of the total number of hours which he has attempted.* Hours given a mark of W will be excluded in this computation, but hours of F will be counted.

Suspension.—A student is recommended for suspension at the end of any semester or summer session when he is placed on probation for the second successive time. A student suspended from a four-year college may enter the General College on probation only in case the total number of his grade points remains above one-half the total number of hours attempted.

A student who is suspended for poor scholarship, or who, after having been placed on probation at the end of the semester, fails to re-register for the following semester, or who withdraws from the University while on probation, shall be considered as on probation upon his return to the University, and the scholarship rules shall apply as though he had not been away.

A dean may require a student who is on probation at the time of registration to enroll for the minimum number of hours, and he may at any time require a student on probation to drop as many hours as seem to be in excess of the student's ability.

College of Education.—See section of catalog entitled "College of Education."

General College.—See section of catalog entitled "General College."

Examinations

Regular Examinations.—Examinations in each course are held at the close of each semester, and at intervals during the semester at the discretion of the instructor. All students, including graduating seniors, are required to take semester final examinations, which are held according to a notice issued by the Schedule Committee.

Special Examinations.—A special examination is one taken at a time other than regularly with the class. Classified as special examinations are: examinations given to make up missed regular course examinations, examinations to validate or to establish credit, examinations to remove a grade of I, examinations for the removal of entrance deficiencies.

Entrance examinations for students deficient in entrance units, or for graduates of unaccredited or partially accredited high schools

*Exclusive of hours of non-theoretical physical education and ensemble music.
who must validate their unaccredited work, are given at the beginning
of each semester to each student who desires to take them. These
entrance examinations in the various high school subjects are not to
be confused with the entrance tests which are required of all freshmen.
A fee is charged for all special examinations except the entrance
examination. For a list of the special examination fees, see section of
the catalog entitled "Expenses."

Before the student is admitted to a special examination, he must
present to the instructor a permit signed by the dean of his college.
The registrar issues permits for entrance examinations. For those
examinations where a fee is required, the permit must show the com-
troller's receipt of the fee.

Examination for Advanced Standing.—A student in residence in
an undergraduate college shall have the privilege of passing a course
in the University by special examination without attendance upon the
course, and receive undergraduate credit therefrom, such privilege to
be subject to the following restrictions:

1. He shall not have been previously registered in the course in
any division of any college or university.

2. The applicant shall have a scholarship-index of two or more
in a normal program of studies completed during the last semester (or
last two summer sessions) in residence, and he shall be doing superior
work at the time of taking the examination.

3. The examination shall have the approval of the dean of the
college, of the head of the department, and of the instructor concerned.

4. The applicant shall obtain from the dean of his college a permit
for the examination, and shall pay in advance the required fee of $2.50
per credit hour.

5. The student shall obtain in the examination a grade not lower
than C, and shall show a mastery of the course acceptable to an exam­
ining committee of three, appointed by the dean, including the instruc­
tor and the head of the department concerned.

6. Credits earned through advanced standing examinations do not
apply to residence requirements.

Dishonesty in Examinations.—A student found guilty of dishonest
practices in a quiz, test, examination, or other work, will be subjected
to disciplinary measures. Dismissal from the University will result in
cases where the offense is flagrant.

Attendance

Students are expected to attend all meetings of the classes in
which they are enrolled. No extensions of the vacation periods are
given to any students, regardless of the location of their homes. Non-
attendance at classes due to late registration is considered the same as
absence incurred after registration.

Instructors will keep a record of class attendance, and will report
excessive absences to college deans. A student with excessive absences
may be dropped from a course with the grade of F, by the dean of the
college, upon recommendation of the instructor. The dean may rec­
ommend suspension from the University, on the grounds of neglected
duty, when a student has thus been dropped from two courses.

Absences due to illness, field trips, athletic trips, etc., are to be
reported by the student to the instructor and to the Personnel office.
Such report does not relieve the student of responsibility for lost work. It is the duty of the student to take the initiative in arranging with his instructors to make up work missed.

Students who are absent and unexcused from final examinations or other closing exercises of the classes in which they are enrolled, shall be given the grade of F. A grade of I may be given when there is valid reason for absence from the examination.

**University Assemblies**

Regular assemblies are scheduled each month, but special meetings may be called by the President of the University, or by the Student Council with the concurrence of the administration.

**Attendance.**—Attendance is required at regular assemblies, but not at special assemblies, unless it is so announced at the time.

**Absences.**—It is necessary for a student to obtain from the Personnel Office an excuse for any absence immediately before or after the absence is incurred.

**Programs.**—Lectures and addresses are delivered on various topics of interest by members of the faculty, and by visitors to the University and to the city; musical and dramatic recitals, and contests in oratory and debating are held. A fair share of the time set apart for assemblies is given to the Associated Students for the transaction of their business.

**Degree Requirements**

For information concerning the various degrees offered, and for course and scholastic requirements leading to these degrees, students should refer to those sections of the catalog devoted to the colleges.

Two undergraduate degrees may not be granted a student until he has earned the equivalent of five years' college work and has fulfilled all requirements for both degrees. A transferring graduate should notify the registrar when applying for admission if he plans to work for a second undergraduate degree.

**Notice of Intention to Complete Degree Requirements.**—At the middle of the sophomore year, all candidates for degrees are required to file in the Office of the Registrar applications for degrees. Necessary forms may be secured from the registrar's office.

**Specific Courses Required.**—Four semester hours of required physical education (or equivalent N.R.O.T.C. credits) shall be completed by all students in the University. Students over thirty years of age are exempted from the physical education requirement.

An orientation course is required of all students in their freshman year, except those who enter the University with as many as twenty hours of college work.

**Dividends and Penalties.**—For every 15 semester hours of A, or for every 30 semester hours of B, the hours required for graduation are reduced by one. The maximum of such dividends allowed is four. For every 15 semester hours of D, the hours required for graduation are increased by one. No dividends or penalties are given in the College of Engineering. Dividends and penalties are assessed only on work done in residence at the University of New Mexico.

**Senior Residence Requirements.**—Students who have done less than 60 semester hours in residence previous to senior status (see
"Classification of Students") shall earn 30 hours in residence in the senior year.

Students who have done 60 semester hours, but less than 90, in residence previous to senior status, shall earn 24 semester hours in residence in the senior year.

Students who have done 90 or more semester hours in residence previous to senior status shall earn 18 hours in residence in the senior year.

In no case is the number of hours specified to be earned in the senior year to be interpreted as necessarily the last hours.

Students may fulfill part or the whole of this residence requirement by summer session attendance.

Residence Requirements in Major and Minor.—At least one-fourth of the minimum amount of credit hours required for major or minor studies must be earned in the University.

Extension and Correspondence Hours Allowed Toward Degree.—As many as 40 semester hours in University extension and correspondence courses will be allowed toward the bachelor's degree, provided that at least 10 of the 40 have been earned in extension courses taught by regular resident instructors of the University.

Credit will be allowed for extension and correspondence courses completed in institutions which are on the approved list of the National University Extension Association, of which the University is a member. Credit for extension and correspondence courses completed in institutions which are not on the approved list of the N. U. E. A., will not be allowed until the student has successfully passed a validating examination covering each course.

Commencement.—Normally, students who complete requirements for degrees at the close of the first or second semesters will receive their diplomas at the end of Semester II. For the duration of the war, it is possible that the University will hold commencement exercises at the close of each semester. Those who finish after the summer session or field sessions will receive diplomas at the next commencement exercises. Students must participate in the commencement exercises at the time of receiving diplomas, unless excused by the President of the University.

Graduation with Honors

The Degree with Distinction.—All senior students having scholarship-indexes which rank them in the upper 5 per cent of the graduating class of the University will be graduated "With Distinction." Ranking will be based upon all work taken at the University of New Mexico. Transferred students must present a minimum of 45 credit hours earned at this institution to obtain these honors.

The Degree with Honors (Honors Work).—The University faculty has created a Division of Honors Work under which the baccalaureate degree with honors may be earned. For details of the plan see "Division of Honors Work."

Division of Honors Work

Purpose.—The purpose of the Division of Honors is to afford abler and more ambitious students opportunity to pursue with a certain degree of independence a program of studies which will extend and
Intensify their knowledge of the field of their major or minor studies, develop their initiative and self-guidance, and their critical and creative ability. This program may lead to the baccalaureate degree with honors.

**Eligibility.**—Students in all undergraduate colleges will be permitted to undertake and to continue Honors work, when, upon the basis of their previous records, entrance tests and university records, they show, in the judgment of the Committee on Honors Work, promise of fine scholarly achievement. There must be other promise than that indicated by an average of B or better.

**Types of Honors Projects.**—(A) Projects which will extend Honors students' knowledge of their major or minor field, especially by filling up the interstices between their regular courses. Each semester's work should be terminated with an examination covering such work.

(B) Projects of the nature of intensive study designed to develop critical and creative ability, or in other words, an undergraduate grade of research, extending through one semester or a whole academic year, and terminating in a thesis.

**Procedure.**—(1) Students designated by the Committee as eligible at the beginning of their sophomore year may elect Honors 51.

(2) Sophomores and juniors should preferably undertake honors work projects of type A, and seniors should preferably undertake honors projects of type B. Projects should be organized to earn normally, 1 to 3 credit hours per semester.

**Privileges.**—(1) Honor students will receive special consideration if they find it necessary to make application to University agencies for financial aid.

(2) All students carrying Honors work are eligible for auditing privileges and may obtain Honors Audit Cards from the dean's office.

(3) Juniors and seniors carrying Honors work are eligible for stack privileges at the Library.

(4) The best senior theses each year will be recommended to the Committee on Publications for publication as a University bulletin or for deposit in the library.

For further information on regulations and requirements for Degree with Honors, consult the chairman of the Committee on Honors Work.
STUDENT EMPLOYMENT, LOAN FUNDS AND SCHOLARSHIPS

Employment.—The University Student Employment Office is maintained to aid those students who find it necessary to earn a part of their expenses while attending the University. Any student requiring part-time employment is requested to file an application with the Personnel Office. Applications for campus employment must be renewed each year.

Aid from the National Youth Administration has enabled the University to expand substantially its employment program upon the campus.

The following principles are the basis of selection of candidates through the Student Employment Office: (1) the establishment of the actual need of the student; (2) scholarship; (3) re-employment to be based on satisfactory service and scholarship.

Students who find it necessary to engage in outside work should not attempt to carry a full program of studies.

We urge that students who plan to earn part of their expenses arrange their program of studies only after conference with their academic deans and the director of student employment, so that a reasonable balance of employment and study can be arranged.

Loan Funds.—The University administers, under the direction of the Student Loan Committee, its own Student and Alumni Loan Fund and co-operates in the administration of several others.

The maximum amounts available from this fund respectively for sophomores, juniors, and seniors, are $50, $75, and $100, with the provision that the succeeding amount shall be loaned each year upon repayment by the student of at least half the sum previously borrowed. The fund is not set up to handle loans for amounts smaller than those mentioned in this paragraph.

The general rules applying to these loans are as follows:

1. The student must have been in residence at the University for at least one year.

2. He must be receiving grades of C or better in subjects which he is carrying; preference will be given to worthy students with the higher ratings in scholarship.

3. Students receiving loans will be required to give notes with endorsers as prescribed by the Comptroller's office.

Other loan funds available to students at the University are: The American Association of University Women's Loan Fund; Revolving Loan Fund of the Ancient, Free, and Accepted Masons of New Mexico; Educational Loan Fund of the Grand Commandery of Knights Templar of New Mexico; The McGaffey Memorial Loan Fund of the Albuquerque Rotary Club; The Woman's Club Loan Fund; and The Altrusa Club Loan Fund.

Awards and Scholarships

Each spring seniors in most of the high schools of New Mexico take the New Mexico Statewide Test of Academic Achievement, sponsored by the University of New Mexico. To 50 seniors from the 100
with the best standing on the test, the University guarantees an opportunity to earn as much money as may be necessary to complete their freshman year, provided they enter the University the following fall and can show need of financial assistance.

An act of the New Mexico Legislature makes possible a number of tuition scholarships, equal to two per cent of the University enrollment of the previous year. These scholarships are allotted to New Mexico students who can show promise of good academic achievement, and who can demonstrate the need of financial assistance.

Application for these scholarships and for work assistance should be made through the Student Employment Office.

Announcement of recipients of awards and scholarships is made by the President of the University, after recommendations have been made to him by the Committee on Honors and Awards. A description of the awards follows with names of recipients for 1942. Announcement of these awards is made at a special assembly in the latter half of the spring semester.

The C. T. French Medal for Scholarship.—Awarded to a graduating senior of the College of Arts and Sciences who has obtained during his last two years of continuous residence, the highest general average for scholarship in a program of not less than fourteen hours a semester. Miss Ann Light.

The Katherine Mather Simms Memorial Prize in English.—A cash prize consisting of the interest from a $250 trust fund is awarded each year to a regularly enrolled upperclassman, who has been in residence at least one year, on the basis of excellence in prose composition and on the quality of a competitive essay. The decision is made by the faculty of the English department and the dean of the College of Arts and Sciences. Miss Ada Vinyard.

The George E. Breece Prize in Engineering.—A cash prize, consisting of the income from a $600 prize endowment, which is awarded to a graduating senior in engineering who is enrolled for a full course. This award is made upon the basis of character, general ability, and excellence of scholastic record as shown during the last two consecutive years of residence in the University. Mr. Albert D. Ford, Jr.

The Ives Memorial Scholarships.—Created in memory of Julia Louise Ives and Helen Andre Ives. The income from a $15,000 fund is used to maintain three $200 scholarships for women students. Candidates must be residents of New Mexico, preferably living in Albuquerque, in good health, of good moral character, of high scholastic standing, and they must intend to teach. The scholarships are awarded annually by the President of the University. Selection for the next academic year is made in July. Miss Annie Britian, Miss Elsa Marie Olson, Miss Elisa Trujillo.

The Marian Coons Kindness Award.—A memorial prize consisting of the interest from a $750 endowment fund, is given each year to the regularly enrolled senior in the Department of Home Economics who is voted the most kind by her classmates and teachers in that department. Mrs. Margaret Weeks.

The Chi Omega Prize in Economics.—An annual prize of $15 is awarded to the regularly enrolled woman student (Chi Omega members excepted) who has done the best work in Economics during the
college year. Selection is made on the basis of scholarship and general knowledge of the subject. Miss Betty Mae Meyer.

The Alfred Grunsfeld Memorial Scholarships.—The sum of $5,000 has been established as a perpetual trust fund, the income from which is used to maintain for men two scholarships at approximately $200 each. These scholarships are decided upon at the same time as the Miriam N. Grunsfeld Scholarships and are governed by the same general conditions as given below. Mr. Joe P. Maldonado, Mr. William Vorenberg.

The Miriam N. Grunsfeld Scholarships.—Two scholarships of approximately $200 each, maintained by a perpetual trust fund of $5,000, for women. Miss Priscilla Cheek, Miss Nell Pearce.

The conditions governing the Grunsfeld scholarships are as follows: (1) To be eligible for the scholarships, students must be residents of the state of New Mexico. It is also required that, during the academic year immediately preceding the award, they shall have been in actual attendance at the University as full-time students; that they shall not be above the rank of junior; and that three of the recipients shall have been enrolled in the Department of History or the Department of Government and Citizenship (the fourth may be enrolled in any department of the University). (2) In selecting the students to receive the awards, consideration is given to their general scholarship, and to their financial requirements.

The scholarships are paid in two equal installments, one at the beginning of the first semester, and the other at the beginning of the second semester, contingent upon maintenance of good scholastic record in the normal course of study. If the student fails to register for the second semester, an alternate may be selected.

The Philo S. Bennett Prize.—The income from a fund of $1,200 is awarded annually to a woman student at the beginning of the second semester of her freshman year, who is most worthy, who has resided in New Mexico for at least the preceding four years, and who will continue as a resident student in the University. Miss Elena Davis.

The Harry L. Dougherty Memorial Prize in Engineering.—A cash prize consisting of the income from a trust fund, is awarded each year to the student in the College of Engineering, who has made the highest scholastic average in residence during his freshman and sophomore years, while carrying a normal course of study. Mr. Robert Schneider.

The Oren W. Strong Award.—An annual gift of $50 is awarded to a student in the University, who is a resident of the state, who has maintained a scholastic index above 1.5, and who is under the necessity of earning his living expenses. Withdrawn in 1943. Mr. Richard Strickland.

The Charles Florus Coan Award.—The income from a memorial fund is awarded annually, for excellence in scholarship, to a worthy student whose major field is history. The student is chosen by the faculty of the Department of History. Mr. John Light.

The Rose Rudin Roosa Memorial Awards.—The income from a $1,000 cash endowment is awarded each year to the upperclassman or graduate student in the Department of Government and Citizenship who has indicated the most positive interest in the development of
good citizenship, in the opinion of his professors. A paper is required. Mr. Robert Rehm.

The New Mexico Section of the American Society of Civil Engineers Award.—A certificate of merit with entrance dues for junior membership in the American Society of Civil Engineers, together with a membership badge, is given to a graduating student in civil engineering who excels in scholarship, holds membership in the student section of the engineering society, is active in student engineering organizations, and who, in the opinion of his professors, shows promise of becoming a successful engineer. Mr. Robert T. Jones.

The Phi Kappa Phi Prizes.—Two annual cash prizes of $10 each are awarded to the man and woman who, while carrying a regular course of study, rank highest in general scholarship for the work of their freshman year. These prizes are announced each fall when the Phi Kappa Phi Freshman Honor Roll, which includes freshmen in the upper 5 per cent of their class in scholarship, is read. Miss Mary Katherine Bail, Mr. Leslie Wheeler.

The American Association of University Women Award.—An annual award of $50 was created by the Albuquerque branch of the A. A. U. W. to be used as a scholarship to promote advanced college training for women. It is given to a woman student who has earned at least 90 semester hours in this institution and who will enroll for a regular course the following year as a senior or as a graduate student. Selection is made on the basis of scholarship, of financial need, and of general ability as indicated by recommendations from professors to the committee. Miss Phyllis Woods.

The Altrusa Club Music Prize.—An annual prize of $10 is awarded to the music department major or minor above the rank of freshman, who has done the most outstanding work of the year as determined by ballot of the faculty of that department. Withdrawn in 1943. Mr. Joseph Perino.

The Marcella Reidy Mulcahy Memorial Prize.—An annual cash prize of $10, established by the Kappa Kappa Gamma Alumni Association, is awarded to the student who, in the opinion of a special committee appointed by the head of the English department, has excelled in the composition of poetry. Mr. Robert Brown.

The Faculty Women’s Club Scholarship.—A cash scholarship of $50 is to be awarded to a senior or junior woman on the basis of need and scholarship. Established by the Faculty Women’s Club, in 1937. This award is given the second semester of each year and is announced in January. Miss Viola Luna.

The H. J. Hagerman Memorial Prize in Public Finance.—An annual $50 cash prize was established by the New Mexico Taxpayers Association, in 1938, to be awarded to the regularly enrolled undergraduate student who presents the best original paper in the field of taxation and public finance in New Mexico. The paper should be submitted by December first, to the faculty of the Department of Economics and Business Administration, who will make the selection. No award.

The Phi Sigma Scholarship Medal.—Awarded each year by the National Society of Phi Sigma to a regularly enrolled student in the
University of New Mexico for excellence in biology and promise of future achievement. This award is announced in May. Mr. Wayne Springfield.

The Phi Kappa Phi Senior Award.—A cash prize of $20.00 awarded each year by the local chapter of Phi Kappa Phi to the graduating senior of any of the four colleges of the University who makes the highest scholastic record of his class. Miss Ann Light.

The Alpha Delta Pi Scholarship.—An annual $25 scholarship given by the Albuquerque Alumnae Club of Alpha Delta Pi to a sophomore woman majoring in art, on the basis of need and ability. Miss Sadie Dresher.

The Phrateres Club Tuition Scholarship.—An annual $20 cash award to a sophomore Phrateres member, given by the Phrateres Mothers' Club, on the basis of the highest scholastic average for the first year and one-half of course work, minimum load 15 hours. Miss Katherine Bail.

Art League of New Mexico Scholarship.—An annual cash award to cover tuition in the summer school of Art, at Taos, awarded with the recommendation of the Art Department faculty of the University, on the basis of merit. (University award first time, 1942-43.)

Sigma Alpha Iota Patroness Award.—A $25.00 cash award to the music major upperclassman who has done outstanding work in music here and who needs the award for further study here either the summer or fall term following selection. Based on recommendations of the Music Department faculty. (New award, 1942-43.)

Frederick Herbert Kent and Christina Kent Scholarships.—Three scholarships, awarded annually, to the high school students, residents of the state, who are deemed most worthy by the Superintendent of the Albuquerque city high school and the University. These scholarships will be paid in two installments upon registration in each of the two terms of the freshman year, contingent upon enrollment for a full course of study and successful scholastic work. (New in 1942-43.)

The Rhodes Scholarships.—Suspended for the duration of the war.

Exchange with the National University of Mexico.—Under an arrangement entered into between the two Universities, students may be exchanged between the University of New Mexico and the National University of Mexico upon mutually agreeable terms.
Organizations

Associated Students.—The students of the University constitute a general student body organization which is called "The Associated Students of the University of New Mexico," and which controls the other organizations of general interest.

Associated Students Council.—The Associated Students Council is the administrative agent of the Associated Students of the University. Representatives of the Council are elected from the student body.

Student Senate.—The Student Senate is the other governing board of the student body. It is composed of a representative from each organization on the campus.

Associated Women Students.—The Associated Women Students is composed of all regularly enrolled women students of the University. The purpose of the organization is to secure uniform and broad social interests among University women. It is governed by a council, the members of which are representatives of all women's organizations on the campus.

Honor Societies.—
Alpha Kappa Delta—national honorary sociology fraternity
Alpha Phi Omega—(Petitioning chapter) honorary organization for former Boy Scouts of America
Delta Phi Delta—national honorary art fraternity
Kappa Mu Epsilon—national honorary mathematics fraternity
Kappa Omicron Phi—national professional fraternity for students of home economics
Khatali—senior honorary society for men
Mortar Board—national honorary organization for senior women
Phi Alpha Theta—national honorary fraternity for students of history
Phi Kappa Phi—national honorary scholastic society
Phi Sigma—national organization for the promotion of interest in research in biological sciences
Pi Gamma Mu—national honorary fraternity for students of the social sciences
Pi Lambda Theta—national organization for women in College of Education
Pi Sigma Alpha—national honorary fraternity for students of political science
Sigma Alpha Iota—national professional organization for the recognition of merit of students in the music department
Sigma Tau—national honorary fraternity for students in the College of Engineering
Sophomore Vigilantes—honorary organization for sophomore men
Spurs—national honorary organization for sophomore women
Tau Kappa Alpha—national honorary debating society
Theta Alpha Phi—national honorary dramatic organization for University students and alumni

[47]
Theta Chi Delta—national honorary fraternity for chemistry students

For information in regard to other student organizations and activities, see the Freshman Handbook.

National Social Fraternities, Sororities, and other groups.—
Fraternities: Kappa Alpha, Kappa Sigma, Pi Kappa Alpha, Sigma Chi, Sigma Phi Epsilon
Sororities: Alpha Chi Omega, Alpha Delta Pi, Chi Omega, Kappa Kappa Gamma
Other social groups: Independent Men, Phrateres, and Town Club.
Fraternity and sorority relations are controlled by the Interfraternity Council and the Panhellenic Council respectively. These organizations also take prominent places in student activities.

Religious Activities

All the religious denominations are represented in Albuquerque. All of the churches welcome the University students and invite them to share in their religious and social life. The University holds to a policy of non-sectarianism, but encourages its students to affiliate with the religious organizations with which their families are connected, and to attend church services regularly.

Military Training

A Naval R.O.T.C. Unit has been established at this University by the Navy Department. It offers the opportunity for men taking a four-year course to qualify for a commission in the U. S. Naval Reserve upon graduation. Full University credit is allowed for the work done in this Unit, so that the course may be taken without prejudice to the regular college work. Special rules are in effect for the duration.

Student Athletics

All athletic activities are under the direction of the Athletic Council, and are subject to the approval of the faculty and the President of the University. The University also sponsors an intramural program, designed to supplement the prescribed courses in physical education.

Intercollegiate athletics are governed by regulations of the Border Intercollegiate Athletic Conference, of which the University is a member.

Student Publications

The Lobo, a weekly publication, and The Mirage, an annual, are managed entirely by students. The editor and the manager of each publication are elected by the Student Publications Board, and work under the direction of this board. The Lobo Sun Line is published periodically by the students enrolled in the Department of Naval Science and Tactics, and is under the direction of the professor of Naval Science and Tactics.

Alumni Activities

All graduates and former students of the University are eligible for membership in the Alumni Association. The New Mexico Alumnus, the official publication of the Association, is published every month except July and August. Any matters pertaining to alumni relationships should be communicated to the Alumni Secretary, c/o the University.
Purpose and Function

The College of Arts and Sciences attempts to supply the cultural training which should underlie the more specialized work of the graduate, professional, or vocational school. The materials for this training are provided by the interests and achievements of man as they appear in his cultural records, his social institutions, and his investigation of natural laws.

Degrees

Upon the recommendation of the faculty and the President of the University, the degree of Bachelor of Arts is conferred by the Regents upon those candidates who have completed all specified requirements. Candidates who complete the requirements with majors in dietetics, mathematics or the sciences may, upon request, receive the degree of Bachelor of Science. Similarly, those who complete the requirements with a major in Business Administration may receive the degree of Bachelor of Business Administration. For requirements leading to the degree of Bachelor of Business Administration, see section of catalog entitled “Department of Economics and Business Administration.”

Relation to Professional and Vocational Courses

The Bachelor of Arts and the Bachelor of Science degrees of the College of Arts and Sciences are based upon cultural, rather than professional or vocational courses. The courses preparatory to law, medicine, and the other professions are planned and taught as cultural subjects, and do not infringe upon the work of the professional school. No vocational courses offered in the General College are accepted. Concerning the limited acceptance of work in education, engineering, law, medicine, and fine arts, see Electives and Special Curricula.

Graduation Requirements

Candidates for the degree of Bachelor of Arts or Bachelor of Science are required to complete a total of 124 semester hours in academic subjects, and 4 semester hours in physical education (or equivalent N.R.O.T.C. credits). In the first two years, or Lower Division, the student is expected to acquire certain basic essentials and to explore several different fields to determine where his interests lie. In the last two years, or Upper Division, the student devotes himself to his major and minor, and to such other subjects as he may wish to take.

Lower Division Requirements

1. At least 60 semester hours in courses acceptable toward graduation, in addition to 4 semester hours in physical education (or equivalent N.R.O.T.C. credits).

2. A one-point index for the total number of hours which the student has attempted.*

* Exclusive of hours in non-theoretical education and ensemble music.
3. The completion of Orientation 9, physical education and group requirements as described below.

4. Successful conclusion of a proficiency examination in English.

5. In all subjects except foreign language, students in the Lower Division are restricted to courses numbered below 101, with the provision that a student may be admitted to Upper Division courses at the discretion of the dean of the college: (1) if he has completed within 7 hours of the group requirements, of which not more than one hour shall be in physical education, nor more than 6 hours in foreign language; (2) if he has completed not less than 53 credit hours, exclusive of physical education, earning at least a one-point index for all hours which he has attempted; and (3) if the remaining requirements appear upon his program.

6. Students in the Lower Division may not carry more than 8 hours in one department during one semester. (Exceptions may be made in the case of pre-medical students.)

7. Exceptions to any of these rules may be made only upon recommendation of the dean.

**Upper Division Requirements**

1. Completion of at least 40 hours in courses numbered above 100 with at least a one-point average in all such hours carried.

2. Completion of at least one major and one minor, or two majors.

3. Grade-points equal to the total number of hours which the student has attempted.*

4. Not more than 50 hours in courses open to freshmen may be taken without a penalty of 1 hour for every 3 excessive hours.

**Group Requirements**

In keeping with the exploratory aim of the Lower Division, the student distributes part of the work of his first two years among the four following groups of subjects. The acceptability of transferred work toward fulfilling the group requirements lies in the judgment of the registrar and the dean of the College.

**I. English.**—Six semester hours must be earned in English 1 ab, and 3 additional credit hours must be earned in a course in literature numbered above 50. Failure to pass the sophomore English proficiency test at first trial will result in an additional requirement of three hours of sophomore composition.

**II. Foreign Language.**—A student who has been admitted with no credit in a foreign language, or who begins a language in which he has done no work in high school is required to complete four semesters or twelve credit hours in one foreign language. Other students continuing a language begun in high school will be tested and assigned to courses according to ability shown. Such students will then complete the remainder of the twelve hours required.

**III. Social Sciences.**—Nine semester hours (not more than 6 from one department) must be completed in approved† courses in the De-

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* Exclusive of hours in non-theoretical education and ensemble music.

† For approved courses, see Departments of Instruction.
partments of Anthropology, Economics and Business Administration, History, Government and Citizenship, Philosophy, Psychology, or Sociology. A student admitted with less than 1 unit in social science is required to complete 12 hours in this group.

IV. Mathematics and Sciences.—Eleven semester hours (not more than 8 from one department, and including 2 semesters in courses that require laboratory work) must be completed in approved† courses in the Departments of Biology, Chemistry, Geology, Home Economics, Mathematics, Physics, or Psychology. A student admitted with high school deficiencies in both mathematics and science is required to complete a total of 17 hours in this group.

Major and Minor Studies

A student admitted to the Upper Division shall declare his major subject, and his program of studies thereafter shall meet with the approval of the head of the major department. A major regularly consists of not less than 24 hours in approved courses. The student must also complete, in another department, a minor of not less than 12 semester hours. The selection of the minor is subject to the approval of the head of the student's major department.

Only work of at least C quality is accepted toward the major and the minor; courses in which grades of D are earned may be accepted as electives toward graduation.

A major or a minor in education, or engineering, except in connection with geology, is not accepted toward a degree in the College of Arts and Sciences.

Electives

A student who has fulfilled all other requirements for graduation may use electives to complete his total of 124 hours for graduation, subject to the following restrictions:

A maximum of 24 hours, in any combination, earned in courses offered in the Colleges of Engineering, Education and Fine Arts, or in Naval Science, is acceptable as electives in the College of Arts and Sciences, with the following exceptions:

(1) All theory and methods courses in physical education.
(2) All courses in education in methods, supervision, and practice teaching.

Such electives may, upon faculty approval, meet the requirements for a minor in the College of Arts and Sciences.

A major in dietetics and a major in music as outlined (p. ?), may be given in special cases upon approval of the College.

Normal Program of Studies

The normal program for a student intending to graduate in four years is 16 hours a semester. Seventeen hours, plus one semester hour of physical education (or military drill in the case of N.R.O.T.C. students), is the maximum, except by petition to the Committee on Scholarship, which may, at its discretion, grant up to 19 hours (including non-credit courses). Ordinarily, a petition for excessive hours will not be considered unless the student has in the preceding semester made a grade of B in more than half of his hours, and no grade below C.

† For approved courses, see Departments of Instruction.
Normal Freshman Program.—Following is the standard freshman program; necessary deviations from it should be made only after consultation with a faculty adviser.

First Half

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*English 1 a</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>3</td>
</tr>
<tr>
<td>Social Science</td>
<td>2-3</td>
</tr>
<tr>
<td>Natural Science or Mathematics</td>
<td>4-3</td>
</tr>
<tr>
<td>Orientation</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>Additional group requirements</td>
<td>3</td>
</tr>
<tr>
<td>a Naval Science</td>
<td>4</td>
</tr>
</tbody>
</table>

Second Half

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*English 1 b</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
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</tr>
<tr>
<td>Social Science</td>
<td>2-3</td>
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<tr>
<td>Natural Science or Mathematics</td>
<td>4-3</td>
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<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>Additional group requirements</td>
<td>3</td>
</tr>
<tr>
<td>a Naval Science</td>
<td>4</td>
</tr>
</tbody>
</table>

Pre-Professional and Other Special Curricula

Students are cautioned against assuming that four-year college courses always prepare for professional work. At least one year of specialized graduate work is advisable, even if not actually required.

Combined Curriculum in Engineering and Arts and Sciences.—Degrees in both the College of Arts and Sciences and the College of Engineering may be obtained by following a five-year curriculum, to be outlined in each case, jointly, by the deans of the two colleges. Any student interested in this curriculum should confer with the deans before the end of the sophomore year. For students interested in careers in countries to the south of the United States, attention is called to a major in Inter-American Affairs along with Engineering.

Senior Year in Medicine or Law.—A candidate for the bachelor's degree may offer, in lieu of the last thirty hours at the University of New Mexico, the full first year's work (satisfactorily passed and properly certified) in an approved school of law or medicine requiring three years for entrance, provided: (1) That written notice of this intention be submitted to the dean before the end of the junior year; (2) that the first three years of work (94 semester hours and 4 P. E.) shall have been taken in residence at the University of New Mexico; (3) that, before entrance into the professional school, the candidate shall have completed all specific and group requirements, and major and minor requirements, in accordance with University regulations; (4) that at least 75 per cent of the hours completed before entrance into the professional school shall have been of C grade or better, and that the total of grade-points shall at least equal the total number of hours which the student has attempted.

Curriculum Preparatory to Forestry.—Openings in the field of forestry have been greatly diminished in recent years. Only students with special talents and high scholastic average should undertake such preparation. Information regarding it may be obtained from the Department of Biology.

For Curricula Relating to Inter-American Affairs see p. 55.

Curriculum Preparatory to Journalism.—The journalist needs great breadth of preparation. In addition to courses giving actual instruction and practice in writing, he should include in his curriculum, preferably, more than one foreign language and studies dealing with

* If the student fails to pass the placement test, English A is taken the first semester for no credit, and English 1 a is taken in the second semester.

* Naval Science may be substituted for physical education and one other subject as prescribed by the dean.
both history and the current aspects of all major social movements. It should be kept in mind, however, that the sciences, all the other professions, and business offer abundant opportunity for writing as an avocation (not a vocation), and it is only the person of rare talent who can make a profession solely of writing. The pre-journalism student should consult members of the Department of English for advice on his courses.

Curriculum Preparatory to Law.—The law touches life at so many points that the student preparing for it should seek broad preparation in English composition and speech, history, economics, politics, philosophy, language and literature, logic and mathematics. If he wishes to become versed in the history of law, he must possess a sound knowledge of Latin.

Curriculum Preparatory to Medical Technology.—Besides regular requirements and prerequisites, a three-year curriculum has been arranged which includes: Biology 93 L, 132 L, 143 L, 144 L; Chemistry 52 abL, 102 abL, 104, 105 L; Physics 41 ab and 41 abL. Candidates are urged to complete a major in either biology or chemistry, and adjustments in courses named above may be made by the department head. A year’s work in more technical subjects and a year of practical hospital experience are also required for the professional degree.

Curriculum Preparatory to Medicine.—The minimum of college hours required for admission to medical schools approved by the Association of American Medical Colleges and by the Council on Education of the American Medical Association, is 60 semester hours in a college of Arts and Sciences. Since the admission requirements vary, the pre-medical student should familiarize himself with the requirements of the particular school he wishes to attend.

At the University of New Mexico the war-time curriculum for the first two years for these students is as follows:

First Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1 ab</td>
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</tr>
<tr>
<td>French or German</td>
<td>3-3</td>
</tr>
<tr>
<td>Chemistry 1 abL</td>
<td>4-4</td>
</tr>
<tr>
<td>Biology 1 L and 2 L</td>
<td>4-4</td>
</tr>
<tr>
<td>Social Science &amp; Math. 16</td>
<td>3-3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1-1</td>
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<tr>
<td><strong>Summer Course</strong></td>
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</tr>
<tr>
<td>Chemistry 70 L</td>
<td>6-6</td>
</tr>
</tbody>
</table>

Second Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English &amp; Psych. 51 L</td>
<td>3-3</td>
</tr>
<tr>
<td>French or German</td>
<td>3-3</td>
</tr>
<tr>
<td>Chemistry 52 abL</td>
<td>2-2</td>
</tr>
<tr>
<td>Biology 71 L and 121 L</td>
<td>4-4</td>
</tr>
<tr>
<td>Physics</td>
<td>4-4</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1-1</td>
</tr>
</tbody>
</table>

Curriculum Preparatory to Public Administration.—In addition to other Lower Division requirements and prerequisites, the following courses are required: Economics 51 ab, 140, 152, 165; Business Administration 53 abL; Government 51 ab, 75, 76, 121, 131, 141, 143, 167, 168; History 11 ab, 178; Sociology 2, 4. Consult the Department of Government for further details.

Curriculum Preparatory to Public Financial Administration.—Besides regular requirements and prerequisites, the following courses are required: Business Administration 53 abL, 102, 103 ab, 107 ab, 109, 110, 112; Economics 51 ab, 111, 152, 165; Government 51 ab, 167, 168, 175, 176; Mathematics 14 ab. Consult the Department of Economics and Business Administration for further details.
Curriculum Preparatory to Social Work.—This curriculum calls for a major in sociology and a minor in psychology, economics, or government, depending upon the student’s intention to enter case work, statistical work, or administrative work. Consultation should be held with the head of the Department of Sociology before the beginning of the third year. During the first two years, besides other Lower Division requirements, the course should cover: Four semesters of Spanish (for those who plan to work in New Mexico) and Sociology 2, 4, 51, 72, as well as prerequisites for courses in the minor. Also, with this preparation the student may enter a professional school of social work, rather than pursue the major and minor at this institution.

COLLEGE OF ARTS AND SCIENCES
SCHOOL OF INTER-AMERICAN AFFAIRS

General Information*

An ever growing number of people are realizing that a better understanding of, and closer and more satisfactory relationships with, the other nations of the Hemisphere are among the most vital needs of the United States today.

All over the country interest in the study of Spanish and Portuguese and of the history, literature, arts, and present social, economic, and political problems of our Latin American neighbors, is increasing. In many cases, however, high schools and colleges find it difficult to secure sufficiently trained teachers for presenting these subjects. There is also a growing demand on the part of business firms and official and private agencies engaged in inter-American work for persons with a sound knowledge of the “other Americas”.

The University of New Mexico enjoys an exceptionally favorable position for the study of inter-American and regional economic and cultural problems. Nowhere else does one find the three chief ethnic elements of the Americas—Indian, Hispanic, and Anglo-Saxon—living together in large numbers with a common national allegiance, and maintaining their traditional cultures. About half the population of the state speak Spanish as a native language, and a good many of the problems presented by our Southwestern region are closely integrated with those of inter-American relations. Because of geographic proximity and common human and scientific interests, New Mexico has maintained close bonds with our good neighbor, Mexico, who has provided us with a solid introduction to Latin America.

For these reasons, the University of New Mexico has, for a number of years, devoted particular attention to Latin American and Southwestern studies. A special appropriation of the State Legislature made possible the expansion of this work and the establishment of the School of Inter-American Affairs in the fall of 1941.

The new School is a coordinating administrative unit operating under the College of Arts and Sciences and the Graduate School.

* There is available a 43-page Bulletin of the School of Inter-American Affairs giving full information on the courses of study and other academic and extracurricular activities developed by the School.

† An Orientation Lecture on Inter-American Affairs adequately explaining the nature and scope of this field of study, its importance and the opportunities opened to its graduates, etc., will be sent free of charge upon request to the director of the School.
The following scholarships have been granted since the establishment of the School: 1941-1942: tuition and part maintenance to Sr. Fortunato G. Castillo, Mexico, for study in the College of Arts and Sciences; tuition to Sr. Francisco Morín, El Salvador, for study in the College of Education. 1942-1943: tuition and maintenance to Srta. Margarita de Mena, Cuba, and to Sr. Francisco Amighetti Ruiz, Costa Rica, for study in the College of Fine Arts, and to Sr. Jorge Ampié, Nicaragua, for study in the College of Arts and Sciences; tuition and $250 to Mr. Alfred Montoya, Silver City, N. M., and tuition to Miss Gertrude Armijo, Las Vegas, N. M., in Inter-American Affairs; $300 each to Miss Roberta Warren, Albuquerque, N. M., and Miss Mary Kay Woods, Artesia, N. M., for study in the Biochemistry of Nutrition in the Nutrition Laboratory.

Scholarships

All-University Latin American Scholarships.—In the academic year 1943-1944, the University of New Mexico is offering two scholarships covering tuition and room and board and four covering tuition only to qualified graduate and undergraduate students from any Latin American countries who are planning to pursue studies in any of the departments of the University. These scholarships have been established by the Regents and are administered jointly by the University and the Institute of International Education. Information may be obtained from the director of the School of Inter-American Affairs.

Scholarships in Inter-American Affairs.—The School of Inter-American Affairs is offering in the academic year 1943-1944 one tuition-plus-$250 scholarship and one tuition scholarship in the general Course leading to a B.A. in Inter-American Affairs. Two similar scholarships are offered in the Secretary-Interpreters Course. These scholarships are open to well qualified graduates of high schools of the State of New Mexico who deserve financial assistance and who are planning to enter the University as freshmen. For application forms and further information address the director of the School.

* The following scholarships have been granted since the establishment of the School: 1941-1942: tuition and part maintenance to Sr. Fortunato G. Castillo, Mexico, for study in the College of Arts and Sciences; tuition to Sr. Francisco Morín, El Salvador, for study in the College of Education. 1942-1943: tuition and maintenance to Srta. Margarita de Mena, Cuba, and to Sr. Francisco Amighetti Ruiz, Costa Rica, for study in the College of Fine Arts, and to Sr. Jorge Ampié, Nicaragua, for study in the College of Arts and Sciences; tuition and $250 to Mr. Alfred Montoya, Silver City, N. M., and tuition to Miss Gertrude Armijo, Las Vegas, N. M., in Inter-American Affairs; $300 each to Miss Roberta Warren, Albuquerque, N. M., and Miss Mary Kay Woods, Artesia, N. M., for study in the Biochemistry of Nutrition in the Nutrition Laboratory.
Scholarships in the Biochemistry of Nutrition.—The School of Inter-American Affairs offers scholarships in the Biochemistry of Nutrition to well qualified seniors or graduate students for scientific training in the Nutrition Laboratory established in the University by the U. S. Office of Indian Affairs, under the direction of Dr. Michel Pijoan. These scholarships are jointly sponsored by the Department of Chemistry and the School of Inter-American Affairs and are granted on the basis of a compensation of $50 per month. For application forms address the director of the School.

General Curriculum in Inter-American Affairs

The curriculum leading to a B.A. with a major field of concentration in Inter-American Affairs has been designed to provide a general basic training in fundamental subjects and at the same time a wide choice of supplementary courses to meet individual needs and preferences.

The emphasis of this major field of concentration is not on language study but rather on the social sciences with particular attention to the Hispanic countries. However, proficiency in Spanish will be a basic requirement since students are expected to use the language as a tool in the various courses of Hispanic content given in other departments.

Attention is also called to the fact that this is not a departmental major, but a major regional field of concentration, integrating the studies of Hispanic content and allied subjects offered by the various departments. Even granting the regional character of the major, the program of studies devised is sound academically, presenting as it does a wide and representative training in the liberal arts.

Because of its comprehensive and integrated concentration in the field of Inter-American Affairs, this major permits no minors in the departmental sense, nor can a minor be taken in Inter-American Affairs. However, students may earn the credit equivalent of minors and even majors in other departments.

A close examination of the subjects required as Gateway and Basic Courses and of the wide range of electives allowed will show the variety of content and flexibility of the major. As a matter of fact, this curriculum would admirably serve for those students not necessarily interested in utilitarian pursuits in the field, but wanting to get, within the scheme of a well-rounded college education, a solid acquaintance with Latin American problems for the general purpose of developing an enlightened inter-American consciousness in whatever occupation they may enter.
GATEWAY COURSES (Required)*
(To be taken in the freshman and sophomore years)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 95</td>
<td>Ethnobiology of the New World</td>
<td>3</td>
</tr>
<tr>
<td>Economics 51a</td>
<td>Introduction to Economics</td>
<td>3</td>
</tr>
<tr>
<td>Government 51a</td>
<td>American Government and Politics</td>
<td>3</td>
</tr>
<tr>
<td>History 1ab</td>
<td>Western Civilization (3-3)</td>
<td>6</td>
</tr>
<tr>
<td>History 11ab</td>
<td>History of the Americas (3-3)</td>
<td>6</td>
</tr>
<tr>
<td>Inter-American Affairs 71ab</td>
<td>Introduction to Latin America: I. The Land and the People. II. Social, Economic, and Political Life (3-3)</td>
<td>6</td>
</tr>
<tr>
<td>Sociology 4</td>
<td>Principles of Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

Total credits 30

BASIC UPPER DIVISION COURSES (Required)*
(To be taken by juniors and seniors)

§Economics 121ab. Economics and Trade of Latin America. I. Survey of Economic Life. II. Trade Relations, Investments, Economic Planning, and Inter-American Economic Cooperation. (2-2) (Prerequisites: Economics 51a and I-A-A 71ab) 4

Anthropology 119. Races and cultures of Europe (2 cr.); or
Anthropology 146. Geography of the Pacific Area (2 cr.); or
Anthropology 188a. Cultural Geography. I. The Old World (3 cr.). (Prerequisite: I-A-A 71ab) 2-3

Anthropology 188b. Cultural Geography. II. Latin America. (Prerequisite: I-A-A 71ab) 3

Government 154. Latin American Diplomacy. (Prerequisites: Government 51a and I-A-A 71ab) 3

Government 155. Governments of Latin America. (Prerequisites: Government 51a and I-A-A 71ab) 3

§History 161ab. History of Latin America (6 cr.); or
History 163. The A.B.C. Powers in Recent Times (3 cr.); or
History 168. Mexico and the Caribbean (3 cr.) 3-6

Philosophy 123. Hispanic Thought 2

§Sociology 111ab. Social Problems of Latin America (2-2) (Prerequisites: Sociology 4 and I-A-A 71ab) 4

Required of all students in this major: Economics 121ab. 4

To be chosen from among the courses listed in Geography, Government, History, Philosophy, and Sociology (Courses listed here when not included in this count are acceptable as electives) 17-18

Total credits 21-22

* For fuller description of the courses see Departments of Instruction.
† The prerequisite of 8 hours of Biology is waived for majors in Inter-American Affairs. Can be applied toward the Group IV requirement in Mathematics and Science. (See p. 51.)
§ These courses will be offered for 3 semester credits in 1943-44, with the prerequisites stated in the departmental sections.
¶ No more than one course can be applied to the Basic Upper Division Courses requirement from this group.
Computation of Credits.—Required for the B.A. degree: 124 credits (plus 4 semester hours in Physical Education) to be met as follows:

Group I. English Requirement: English 1ab and 3 credits in a course in literature numbered over 50

Group IV. Mathematics and Science Requirement: The requirement for all students in Mathematics and Science is 11 credits. Biology 95 (a basic required course in this major) counts three credits. Remainder

Gateway Courses: (Will meet Group III. Social Sciences Requirement) 30

Basic Upper Division Courses 21-22

Elective and Spanish Courses: At least twenty credits exclusive of Spanish elected from among those listed under "Supplementary Courses (Elective)." Portuguese and other modern languages may be considered electives in this group of 20, but not to exceed 12 credits. The required Spanish courses are 93ab or 95-96 (4 cr.); 131ab or 145ab (4 cr.); and 157ab or 163ab (4 cr.). (Will meet Group II. Foreign Language Requirement.) Note: Students may be absolved from the Spanish requirement by passing reading knowledge or proficiency examinations, corresponding to the attainment of two and four years of college Spanish, respectively 56-57

Total credits 124-126

Degree and Specialization Groups.—The degree granted will be a B.A. in Inter-American Affairs. Students, however, should consult the General Adviser and apply their electives for further specialization in any of these aspects of the major field:

I. Historical and Cultural.
II. Business Administration.
III. Social, Economic, and Political Affairs.
IV. Regional (The Hispanic Southwest).

Supplementary Courses (Elective).—Listed below by numbers are the courses recommended as electives. For full description see the sections of the various departments. For their application to the specialization groups, consult the director of the School.

Many of these courses have certain departmental admission requirements which the student must meet. In order to facilitate the enrollment of majors in Inter-American Affairs, however, certain departments have found it possible, without detriment to their standards of work, to waive all or part of their prerequisites for admission to some of the courses listed as electives. The School will make available to students and faculty a detailed statement as to prerequisites.

Note that by faculty regulation, a maximum of 24 credits in colleges other than Arts and Sciences (i.e., Education, Fine Arts, Engineering) may be applied toward a B.A. degree in that College.

* Because of the great usefulness of scientific preparation in the Latin American field, students with ability for science study are urged to devote as many electives as possible to science. On consultation with the Director of the School, other science courses not listed as electives will be allowed as such.
Anthropology, 53ab, 55, 70, 95, 101, 102, 105ab, 110, 113, 138, 140, 142, 148, 164, 171, 180, 181, 182, 183, 184, 191ab, 199F.
Architecture, 13ab, 53ab.
Art, 25, 52ab, 75ab, 125, 133ab, 152ab, 153, 175abcd.
Biology, 41*, 163L, 171L, 172.
Dramatic Art, 3ab, 10ab, 92ab.
Engineering, 111, 156.
English, 51ab, 54, 55, 58, 63, 64ab, 65, 75ab, 77, 80, 82, 83, 85, 132, 147, 149, 164.
Geology, 54*, 61*, 105.
History, 31, 51ab, 71ab, 102, 107ab, 122, 123, 141ab, 146, 151, 165ab, 171, 173ab, 178, 181ab, 191ab.
Library Science, 21.
Mathematics, 14ab*, 42*, 117, 131ab.
Modern Languages and Literatures, French, German, and Italian; Portuguese, 75ab, 151, 157.
Music, 36ab, 163ab, 165ab, 171, 172, 180.
Orientation, 3ab, 5ab*.
Philosophy, 40, 53, 55, 56, 64, 72, 74, 81, 82, 102, 141ab, 176.
Physics, 15*, 117abL*.
Spanish, 91ab, 93ab, 95, 96, 105ab, 107ab, 121ab, 131ab, 145ab, 151ab, 153, 157ab, 163ab, 165ab, 171.

Other Advanced Courses.—Attention is called to senior seminars, problems, or advanced reading courses in the Departments of Anthropology, Art, Dramatic Art, Economics and Business Administration, English, Government and Citizenship, and Sociology, where well qualified students may pursue studies in the Southwestern or Latin American field under supervision of some member of the departmental staff.

Summer Session.—For other courses which may be credited to the Gateway, Basic, or Supplementary Groups in this major, and which are offered occasionally in the summer, please consult the Summer Session Bulletin under the section “School of Inter-American Affairs.”

For, “Provisional Arrangements,” “Sample Program of Electives,” “Senior Year-Report,” and “Spanish in Relation to Electives” see the Bulletin of the School.

Master’s Degree in Inter-American Affairs

Graduate work in the field of Inter-American Affairs will provide an opportunity for further training in this field to those who have acquired, in their undergraduate program, an adequate preparation in

* Can be applied toward the Group IV requirement in Mathematics and Science (See p. 61.)
Spanish, History, and the Social Sciences, or who have pursued major fields of concentration in Hispanic Studies, International Relations (Latin America), etc. For further information, consult the Graduate School Bulletin.

A Two-Year Course For Secretary-Interpreters With Specialization in Inter-American Relations

New Mexico occupies a very advantageous position for training of this type. Over half the population of the State is of Spanish speech and descent, and a large proportion of the graduates of high schools have received an intensive training in the Spanish language. It should be possible therefore to develop adequately in the space of two years the students’ proficiency in this five-angled field:

(a) English practice and expression and their relation to Spanish.
(b) Spanish practice and expression and their relation to English.
(c) A reading knowledge of Portuguese.
(d) A general knowledge of Latin American countries and of sources of information.
(e) Secretarial technique, including typing and shorthand, both in English and Spanish.

Inasmuch as Spanish is a living tongue in New Mexico, graduates of this vocational course, whether of Spanish or Anglo-Saxon descent, after they have perfected their knowledge of spoken and written English and Spanish, should be expected to be able to act not only as secretaries but as interpreters as well. The demand for bilingual young men and women thus equipped is very great at present not only in the governmental, business, and cultural circles of this country but also in those of the Latin American countries.

The curriculum for this Course aims to balance the training in secretarial technique and practice with academic studies which will increase the intellectual outlook and competence of the student and qualify him for positions of responsibility.

This Course is articulated with the General Business Course given in the General College and the B.A. in Business Administration (See pp. 139, 72) and will be under the direction of a Committee on Secretarial Training composed of the head of the Department of Economics and Business Administration (Chairman) and representatives from the College of Education and the School of Inter-American Affairs. The College of Education offers a teachers’ course in commercial subjects.

Admission.—Students will be admitted from accredited high schools. They must present at least 4 units of high school Spanish, or two years of college Spanish or its equivalent, or pass a reading knowledge test in the language.
# Curriculum

## First Year

### First Half

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1a.</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Spanish 93a.</td>
<td>Intermediate Composition and Conversation (Third Year)</td>
<td>2</td>
</tr>
<tr>
<td>†Portuguese 75a.</td>
<td>Portuguese</td>
<td>3</td>
</tr>
<tr>
<td>History 11a.</td>
<td>History of the Americas</td>
<td>3</td>
</tr>
<tr>
<td>Business 11a.</td>
<td>Beginning Typewriting</td>
<td>2</td>
</tr>
<tr>
<td>Business 12a.</td>
<td>Beginning Shorthand</td>
<td>3</td>
</tr>
</tbody>
</table>

Total credits 16

### Second Half

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>English 1b.</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Spanish 93b.</td>
<td>Intermediate Composition and Conversation (Third Year)</td>
<td>2</td>
</tr>
<tr>
<td>†Portuguese 75b.</td>
<td>Portuguese</td>
<td>3</td>
</tr>
<tr>
<td>History 11b.</td>
<td>History of the Americas</td>
<td>3</td>
</tr>
<tr>
<td>Business 11b.</td>
<td>Beginning Typewriting</td>
<td>2</td>
</tr>
<tr>
<td>Business 12b.</td>
<td>Beginning Shorthand</td>
<td>3</td>
</tr>
</tbody>
</table>

Total credits 16

## Second Year

### First Half

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 65.</td>
<td>Practical English and Speech</td>
<td>3</td>
</tr>
<tr>
<td>Spanish 95.</td>
<td>Spanish Business-Letter Writing</td>
<td>2</td>
</tr>
<tr>
<td>†Portuguese 151.</td>
<td>Survey of Portuguese Literature</td>
<td>3</td>
</tr>
<tr>
<td>Inter-American Affairs 71a.</td>
<td>Introduction to Latin-America: I. The Land and the People</td>
<td>3</td>
</tr>
<tr>
<td>Business 51a.</td>
<td>Advanced Typewriting (English and Spanish)</td>
<td>2</td>
</tr>
<tr>
<td>Business 52a.</td>
<td>Advanced Shorthand (English and Spanish)</td>
<td>3</td>
</tr>
</tbody>
</table>

Total credits 16

### Second Half

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business 5.</td>
<td>Business Correspondence for Secretaries</td>
<td>3</td>
</tr>
<tr>
<td>*Spanish 96.</td>
<td>Commercial and Industrial Language Practice in Hispanic Countries</td>
<td>3</td>
</tr>
<tr>
<td>†Portuguese 157.</td>
<td>Survey of Brazilian Literature</td>
<td>3</td>
</tr>
<tr>
<td>Inter-American Affairs 71b.</td>
<td>Introduction to Latin America: II. Social, Economic, and Political Life</td>
<td>3</td>
</tr>
<tr>
<td>Business 51b.</td>
<td>Advanced Typewriting (Spanish)</td>
<td>2</td>
</tr>
<tr>
<td>Business 52b.</td>
<td>Advanced Shorthand (Spanish)</td>
<td>3</td>
</tr>
</tbody>
</table>

Total credits 16

* The Spanish courses will have a laboratory period for intensive extemporaneous oral practice and for study of the fine points in the translation of one language into the other.

† Though strongly recommended, Portuguese is an optional study. Students may use these credits for approved electives from a list drawn by the Committee on Secretarial Training of the School.
The above program is devised for students not having had any previous business training. It will be adjusted according to the preparation of the student. For instance, in case of students with a knowledge of general typing and shorthand or advanced proficiency in Spanish, the corresponding credits will be earned in other courses recommended by the general adviser in consultation with the Committee on Secretarial Training of the School. It should also be possible to speed up the training in typing and shorthand through competence tests, thus releasing some of the credits for electives.

This Course will in all likelihood be pursued by college graduates who now enter business schools to gain secretarial training. Such students will already have credits for English Composition, and may, therefore, use the equivalent hours for electives. In general students will be permitted to take examinations in any of the courses listed, and if they pass them, the credits involved will be released for electives.

The following courses are generally recommended:

- Business 3abL Bookkeeping 6
- Business 4. Introduction to Business 3
- Business 6. Salesmanship 2
- Business 7. Machine and Office Training 3
- Business 8ab. Business Legal Practice 6

Whenever possible, classes will be scheduled in late afternoon and evening in order to facilitate the attendance of persons holding daytime jobs.

Registration fees will be apportioned on a credit basis that will permit the enrollment of part-time students.

Certificate.—The School of Inter-American Affairs will grant a Certificate of Secretary-Interpreter with Specialization in Inter-American Relations upon the fulfillment of the following requirements:

I. The successful completion of the program of studies, with a grade-point average of at least 1 in the total number of hours in which the student has registered.

II. The passing of a final comprehensive examination patterned after the standard forms of civil service examinations for secretarial positions, and including test questions on Latin America, Spanish proficiency, and a reading knowledge of Portuguese (or questions on subjects taken instead of Portuguese). A numerical rating will be given closely corresponding to that given in civil service examinations. This examination will be administered by a committee of three, representing a federal agency, a state agency, and the School of Inter-American Affairs.

A One-Year Post-Graduate Course in Inter-American Relations for Majors in Science Departments and Graduates of Technical Schools

The School of Inter-American Affairs is attempting to equip technicians with a reasonable background knowledge of Latin America. To this end it has organized an intensive one-year post-graduate course in inter-American relations for graduates of schools of engineering, agriculture, medicine, library science, business, commerce, and social work, as well as for graduates of colleges of arts and sciences who have majored in exact or natural sciences, economics, or business administration, and in general for students in the various techniques who be-
cause of intensive specialization have not had an opportunity to acquire an adequate training in Latin American affairs during their regular period of study.

This post-graduate course aims at furnishing the information and guidance deemed indispensable for truly effective work in Latin America or with Latin Americans. Students completing this Course should be able to utilize more fully their professional training, here in our country as well as in Latin America, for the promotion of social and economic relations between the United States and its hemisphere neighbors. The vital importance of such efforts for the duration of the war is obvious. And they will be equally important in the post-war period if we are to consolidate and preserve the gains which we shall have made and contribute to the shaping of a permanent system of international peace and security.

The course is planned to provide:
I. Intensive laboratory-type training in written and spoken Spanish.
II. An introduction to the land and people of Latin America and to their social, economic, and political life.
III. A foundation knowledge of Portuguese or training in certain business skills.
IV. Continuation of science studies.

This Course is administered by a committee composed of the dean of the College of Engineering (Chairman), the dean of the Graduate School, and representatives of the science departments in the College of Arts and Sciences and of the School of Inter-American Affairs.

Contacts are being established and will be maintained with companies and organizations doing business or field work in Latin America for the placement of our students and also to ascertain their particular needs in the training we are offering.

Admission.—Students must offer for admission two years of college Spanish or its equivalent, or pass a reading knowledge examination in the language.

First Half

Spanish 93a. Intermediate Composition and Conversation 2
Spanish 95. Spanish Business-Letter Writing 2

Curriculum

Inter-American Affairs 71a. Introduction to Latin America: I. The Land and the People 3
Portuguese or Electives (Accounting, Marketing, Spanish Shorthand, etc.) 3
Continuation of science studies or other electives deemed advisable in Spanish, Business, and Latin American subjects (cases will be considered individually) 6-7

Total credits 16-17
Second Half

Spanish 93b. Intermediate Composition and Conversation 2
Spanish 96. Commercial and Industrial Language Practice in Hispanic Countries 2
Inter-American Affairs 71b. Introduction to Latin America: II. Social, Economic, and Political Life 3
Portuguese or Electives (Accounting, Marketing, Spanish Shorthand, etc.) 3
Continuation of science studies or other electives deemed advisable in Spanish, Business, and Latin American subjects (cases will be considered individually) 6-7

Total credits 16-17

Inasmuch as undergraduate students in the College of Engineering can elect 24 credits in other colleges, it is strongly recommended that those intending to follow this post-graduate course take as undergraduates as many of the courses listed here as possible. If the student does this and has a good preparation in Spanish both in high school and in college, it may be possible for him to take practically all subjects in courses numbered 100 or above and thus obtain more credits toward the Master's degree.

A certificate attesting the successful completion of the course will be given to regularly enrolled students after they have passed all the examinations with a grade of C or above in each of the courses taken. Credits earned in courses numbered 100 or above may be later applied toward the Master's degree.

Combined Curriculum in Engineering and Arts and Sciences

Degrees in both the College of Arts and Sciences and the College of Engineering may be obtained by following a five-year curriculum, to be outlined in each case, jointly, by the deans of the two colleges. Attention is called to a combined curriculum in Engineering and Inter-American Affairs.

Students interested should confer with the deans, preferably upon entering the University or during their freshman year, and not later than the beginning of their sophomore year.

COLLEGE OF ARTS AND SCIENCES

Departments of Instruction

Course Numbering: from 1-50, lower division, normally open to freshmen; from 51-100, lower division, normally open to sophomores; from 101-200, upper division, normally open to juniors, seniors, and graduates; 201-300, open to graduates only. Graduate credit for courses listed is allowed at the discretion of the Graduate Committee.

Symbols used in course descriptions:

ab or cd—course offered throughout two semesters
L—part of the course is laboratory work
F—course is given during field session
SS—course offered in eight weeks' summer session only
Yr—course offered throughout two semesters and credit for
a single semester's work is suspended until the entire course is completed
*—course open to General College students
†—course offered for General College credit only
( )—credit value for each course for each semester
[ ]—former course number or title

A schedule of course offerings, including hours of meeting, is issued at the opening of each session.

Because of war conditions, the University reserves the right to cancel any listed course or to make a substitution in instructors if necessary.

ORIENTATION COURSES FOR FRESHMEN

All freshmen, with less than 20 hours of college credit, enrolled in the College of Arts and Sciences are required to complete Orientation 9.

†2. Orientation. (1-2). Reading and study laboratory. Exercises designed to correct deficiencies among beginning students. Staff.

*3 ab. Survey of the Social Sciences. (3-3) Staff.

*5 ab. Survey of the Physical Sciences. (3-3) Students who take Chemistry 1 ab, 1 abL, and Orientation 5 ab are allowed a maximum of 12 hours. Mr. Clark.

*7 ab. Survey of Biology. (3-3) Credit not allowed for this course and corresponding courses in laboratory biology. Mr. Worman.


SOPHOMORE HONORS

A selected group of sophomores each year is invited to participate in honors work. Those who desire to undertake such work will enroll in Honors 51.

51. Sophomore Honors. (1) Methods necessary for successful honors work. Mr. Mitchell.

DEPARTMENT OF ANTHROPOLOGY

Professors Brand (Head), Spier; Associate Professor Hill; Assistant Professors Hawley, Hibben; Instructor Reiter.

Group Requirements.—Courses in this Department count toward Social Sciences (Group III), with the exceptions of 60 L and 66 L.

Major Study.—For the Cultural Major: Anthropology 1 ab, and 30 more hours within the Department including 105 a or 105 b; 180, or 183, or 184; 181; 182; 188 ab or alternatives prescribed by head of Department; 193; 194; and 8 elected upper division hours.

For the Professional Major (prerequisite to graduate work): Biology 1 L and 2 L; Geology 1 and 2 or Anthropology 53 ab; Anthropology 1 ab, 59 L, 66 L, and 30 more hours within the Department including the courses required for the Cultural Major. Professional major students, at the close of their senior year, must pass a comprehensive subject examination (written and oral) based on courses

1. In residence Semester II only.
2. On leave of absence for the duration.
THE UNIVERSITY OF NEW MEXICO

1 ab, 59 L, 66 L, 105 a or 105 b, 181, 182, 188 ab, 193, 194, the elected archaeologic courses, and the required reading for the degree; and must demonstrate, by written examination, proficiency in one foreign language, to be selected from Spanish, French, and German.

Upper division courses from other departments acceptable as electives towards a major in Anthropology: Art 125; Biology 110, 163 L; Economics 105, 160; General Engineering 102; Civil Engineering 157 F, 167 L; English 161; Geology 105, 109 ab L, 131; Government 167; History 161 ab, 181 ab, 191 ab; Mathematics 131 ab, 161; Spanish 115, 153, 161, 162; Philosophy 141 ab; Physical Education 104 L; Psychology 101, 193, 198; Sociology 105, 163, 195, 196.

Minor Study.—Fourteen hours in addition to Anthropology 1 ab.

Primarily for Freshmen and Sophomores

*1 ab. General Anthropology. (3-3) Mr. Hill.
*55. Human Geography of New Mexico. (3) Mr. Brand.
59 L. Museums and Their Work. (2) Museum administration, publicity, exhibition, and curatorial work. Mr. Reiter.
66 L. Archaeologic Field Technique. (2) Methods and materials involved in excavations; field surveying and recording; care of archaeological material in the field. Mr. Reiter.
*70. Survey of Anthropology. (2) The role of Anthropology in modern life. Not credited toward the major or minor. Mr. Reiter.
95. Maps and Charts. (2) Mr. Brand.

For Juniors, Seniors, and Graduates

General prerequisite: Anthropology 1 ab or equivalent.

101. Anthropology in the War. (3). The individual in his pattern of culture; reasons for social change or stability; the individual in this changing world. Miss Hawley.
102. Perspectives of Anthropology. (3). Essential concepts of the nature of culture and of racial relationship, with special reference to contemporary situations and problems. Mr. Spier.
104 L. Dendrochronology. (3). The science of tree ring studies applied to archaeologic problems. Prerequisite: instructor’s permission. Miss Hawley.
105 ab. The American Indian. (3-3). The aboriginal peoples and cultures in the Americas. Mr. Hill.
108 L. Physical Anthropology. (3). Recommended: a reading knowledge of German. Mr. Reiter.
110. Southwestern Pottery. (2). Historical development of ceramic art. Miss Hawley.
113. Climatology. (3). Recommended: a reading knowledge of German; Physics 15 or Anthropology 53 ab. Mr. Brand.
138. Northwest America and Northeast Asia. (3). Peoples and cultures of the two areas; their relationship to each other and to Asia and America generally. Mr. Hill.
139. Ethnology of Africa. (3). Mr. Hill.
140. Culture Provinces of Western North America. (3). Ethnography and ethnology of the California, Basin, and Plateau areas. Mr. Spier.
142. Plains Indian Cultures. (3). Ethnography of the North American Plains area, with special attention to culture growth. Mr. Spier.
146. Geography of the Pacific Area. (2). Mr. Brand.
148. Oceania. (3). Oceanic races and cultures; indigenous origins; Asiatic relations and influences. Mr. Hill.
164. Early Cultures of China and Japan. (2). Development of the Far East and its relationships with the rest of Eurasia. Staff.
180. Archaeology of the Southwest. (3). Miss Hawley.
181. Ethnology of the Southwest. (3). Mr. Hill.
184. American Archaeology: Mexico, Central America and the West Indies. (3). Recommended: Anthropology 53 ab, 180, and 182. Mr. Brand.
193. Senior Seminar. (2). History of Anthropology. Required of all senior majors in Anthropology. Mr. Hill, Mr. Reiter, Miss Hawley.
194. Anthropological Methods. (2). A consultation course: critical analyses of current problems and methods, with constructive syntheses. Prerequisite: instructor's permission. Mr. Spier.
198. Primitive Religion. (3). Mr. Hill.
199 F. Field Research. (2-6). Prerequisites: Previous field experience or departmental permission. Staff.

For Graduates Only

205. Pro-Seminar. (2). Introduction to research. Required of graduate students. Recommended: reading knowledge of French or German, preferably both. Mr. Brand.
212. Seminar: Ethnology. (2). Mr. Hill.
225. Seminar: Anthropo-Geography. (2). Subjects in successive semesters will be: Mapping Culture Element Distributions; Primitive Agriculture; Land Settlement Forms in Latin America; Origins of New World Cultivated Plants. Mr. Brand.
251 ab. Problems. (2-2). Staff.
294. Seminar: Southwestern Archaeology. (2). Miss Hawley.
300. Thesis. (2-6). Staff.
DEPARTMENT OF BIOLOGY

Professor Castetter (Head); Associate Professors Bell, Koster; Assistant Professor Lindsey; Research Associate Gekler; Teaching Assistant Worman; Graduate Fellows, De Vaney, Parker, Grubgeld.

Group Requirements.—Courses in this Department count toward Science and Mathematics (Group IV).

Major Study.—Biology 1 L, 2 L, 71 L, 72 L, 109, 143 L or 144 L, and 9 additional hours, 5 of which must be in courses numbered above 100. Courses 7 ab, 36, 41 and 48 are not accepted toward a major. One year of chemistry is required of biology majors in the College of Arts and Sciences.

Minor Study.—Biology 1 L and 2 L and 12 additional hours to be selected from the following: 36 or 143 L or 144 L, 41 or 163 L, 48 or 109, 71 L, 72 L, 93 L, 95, 114 L, 171 L, 172 and 185 L.

In the following courses, credit is allowed for one or the other, but not for both: 36 or 143 L-144 L, 41 or 163 L, 48 or 109. Credit will be allowed for Biology 1 L and 7 b in combination, and for 2 L and 7 a, but not for 1 L and 7 a or for 2 L and 7 b in combination.

Curriculum Preparatory to Forestry.—See “College of Arts and Sciences.”

Curriculum Preparatory to Medical Technology.—See “College of Arts and Sciences.”

Curriculum Preparatory to Medicine, Dentistry, or Veterinary Science.—See “College of Arts and Sciences.”

Primarily for Freshmen and Sophomores

1 L. General Botany. (4). Activities and structures of the flowering plant. Type representatives of the four groups of the plant kingdom. Lecture and demonstration. Mr. Bell and assistants.


*7 ab. Survey of Biology. (3-3). Fundamental principles common to all living things. Mr. Worman.

*36. Human Physiology. (3). Mr. Lindsey.

*41. Survey of New Mexico Plant Life. (2). Lectures and demonstrations. Mr. Bell.


71 L. Invertebrate Zoology. (4). A comparative study of the structure, habits and classification of the invertebrates exclusive of insects. Prerequisites: Biology 1 L and 2 L. Mr. Koster, Mr. Worman.

72 L. Comparative Plant Morphology. (4). A comparative study of the lower plants. Prerequisites: Biol. 1 L and 2 L. Mr. Bell, Mr. Worman.

93 L. General Bacteriology. (4). Bacteria and related forms. Morphology, physiology, classification, cultivation and economic importance. Prerequisites: Biology 1 L and 2 L, Chemistry 1 ab and 1 abL. Mr. Lindsey, Mr. Worman.
95. Ethnobiology of the New World. (3) The aboriginal picture of the utilization of plants and animals in the New World. Emphasis on the Southwest. Prerequisite: 4 hours of Biology. Mr. Castetter.

For Juniors, Seniors, and Graduates

109. Genetics. (3) The scientific, cultural, and philosophical aspects of inheritance. Prerequisite: 12 hours of Biology. Mr. Castetter.


112 L. General Embryology. (4) Prerequisite: 8 hours of Biology. Mr. Koster.

114 L. General Entomology. (4) Structures, habits, and classification of the insects. Prerequisite: 8 hours of Biology. Mr. Koster.

121 L. Comparative Vertebrate Anatomy. (5) Prerequisite: 12 hours of Biology including Biology 71 L. Mr. Koster, Mr. Worman.

132 L. Advanced Bacteriology. (4) Principles of the life activities, growth, and morphology of bacteria; emphasis on pathogenic forms. Prerequisites: Biology 93 L and 143 L or 144 L. Organic chemistry is recommended. Mr. Lindsey.

143 L. General Physiology. (4) Cell physiology, absorption, photosynthesis, digestion, translocation, circulation, and respiration. Prerequisites: 12 hours of Biology, and Chemistry 1 abL. Mr. Lindsey and assistant.

144 L. General Physiology. (4) Metabolism, excretion, transpiration, muscle action, nerve and sense organs, growth and correlation, and reproduction. Prerequisites: 12 hours of Biology and Chemistry 1 abL. Organic chemistry is recommended. Mr. Lindsey and assistant.

163 L. Flora of New Mexico. (4) Prerequisite: 8 hours of Biology. Mr. Bell.

171 L. Physiographic Ecology. (4) Relationships of plants and animals to topographic and climatic factors. Applications to soil erosion, reforestation, game management, etc. Prerequisite: 8 hours of Biology. Mr. Bell.

174 L. Plant Anatomy. (4) Anatomy of vascular plants. Prerequisites: 12 hours of Biology, including Biology 72 L. Mr. Lindsey.

184 L. Plant Pathology. (4) Nature, cause, and control of diseases of plants. Relations of plant pathogenic organisms to agriculture and industry. Prerequisite: 12 hours of Biology. Mr. Lindsey.

185 L. General Vertebrate Zoology. (4) Natural history, classification, behavior, ecology, and speciation. Prerequisite: 8 hours of Biology. Mr. Koster.

198. Fundamental Concepts of Biology. (3) Trend of scientific thought and method from earliest times to the present. Origin and history of important biological principles. Prerequisite: major in biology with senior standing and consent of instructor. Mr. Castetter.

For Graduates Only

201. Seminar. (2) Mr. Lindsey.

251. Problems. (2) Staff.

262. Origin and Development of Cultivated Plants. (2) Mr. Castetter.
263. Origin and Development of Domesticated Animals. (2) Mr. Castetter.
300. Thesis. (4-6) Arranged. Staff

BUSINESS ADMINISTRATION
See Department of Economics and Business Administration.

DEPARTMENT OF CHEMISTRY
Professors Clark (Head), Kiech; Assistant Professor Gibson; Assistant Vallevik.

Group Requirements.—Courses in this Department count toward Science and Mathematics (Group IV).

Major Study.—Thirty-four hours. Major students are advised to take two years of French or German, and should consult major professor concerning requirements in physics and mathematics. A major program must include courses 1 ab and 1 abL, 51, 52 abL, 53 or equivalent, 102 abL, and 109.

Minor Study.—Twenty-two hours. A minor program must include courses 1 abL, 51, 52 abL, and 70 L or 102 abL.

Curriculum Preparatory to Medicine, Dentistry, or Veterinary Science.—See "College of Arts and Sciences."

Curriculum Preparatory to Medical Technology.—See "College of Arts and Sciences."

Primarily for Freshmen and Sophomores
1 ab. Inorganic Chemistry. (3-3) Credit suspended until 1 abL is completed: Mr. Clark.
1 abL. Inorganic Laboratory. (1-1) Credit suspended until 1 ab is completed. Staff.
49 abL. Fundamentals of Chemistry. (5-5) This course is designed to teach the basic fundamentals of chemistry, inorganic and organic, which are standard requirements for modern work in physical education, home economics, and nursing. Miss Vallevik.
51. Second Year College Chemistry. (3) A course in chemical theory required of all who take advanced work in chemistry, and recommended for pre-medical students. Mr. Gibson.
52 abL. Quantitative Analysis. (2-2) Students elect two afternoons out of three. Mr. Gibson.
53 L. Qualitative Analysis. (2) Miss Vallevik.

For Juniors, Seniors, and Graduates
General prerequisite (for all courses numbered above 102 abL): Chemistry 51 and 52 abL.
102 abL. Organic Chemistry. (4-4) Yr. Chemistry of the compounds of carbon. Prerequisite: Chemistry 1 ab and 1 abL. Credit suspended for 102 aL until 102 bL is completed. Mr. Kiech.
104. Biological Chemistry. (3) Chemistry of living matter. Prerequisite: Organic Chemistry. Mr. Kiech.
107 L. Advanced Qualitative Analysis. (2) Prerequisite: Chemistry 52 abL. Mr. Clark.

109. Survey of Physical Chemistry. (3) A treatment of the fields of physical chemistry which does not involve the use of calculus. Intended to give a broad over-view of physical chemistry per se, and its application in other fields of science. Mr. Gibson.

110 L. Physical Chemistry. (5) Advanced study of chemical theory. Prerequisites: Organic Chemistry, Math. 53 ab, and Physics 41 ab and 41 abL. Mr. Gibson.

112. Industrial Chemistry. (2) Offered in alternate years. Mr. Clark.

113. Metallurgy. (2) Lectures covering processes of extraction of metals. Prerequisite: Chemistry 112, Mr. Clark.

140. Chemistry Seminar. (1-3) Staff.

152 L. Advanced Quantitative Analysis. (Credit optional up to 10 hours). Use of instruments of analytical chemistry. One two-hour laboratory period per credit hour. Mr. Kiech.

155 L. Introduction to Toxicology. (2) Poisons and their detection. Mr. Clark.

199 ab. Undergraduate Problems. (2-5 each semester) Staff.

For Graduates Only

251 ab. Problems. (2-5 each semester) Staff.

300. Thesis. (4-6) Staff.

DEPARTMENT OF ECONOMICS AND BUSINESS ADMINISTRATION

Professor Sorrell (Head); Assistant Professor Fewell; Instructors Evans, Dixon, Israel; Assistant Professor Behrendt, Part-time (School of Inter-American Affairs).

Group Requirements.—Courses in this Department count toward Social Science (Group III), with the exception of Business Administration 58 abL and 65.

Students may elect courses offered by this Department leading (1) toward the Bachelor of Arts degree with a major in Economics, (2) toward the Bachelor of Arts degree with a major in Business Administration, or (3) courses leading to the professional degree, Bachelor of Business Administration.

Economics

Major Study in Economics (leading to Bachelor of Arts degree).—30 hours including 51 ab, or with certain exceptions 105, of which 18 must be in Economics including 154 and 160. The remainder may be in Business Administration.

Minor Study in Economics.—18 hours, including 51 ab, or with certain exceptions 105, of which 12 must be in Economics. The remainder may be in Business Administration.

Primarily for Freshmen and Sophomores

*30. Economic Development of the United States. (3) Not counted toward major or minor. Mr. Evans.

1. On leave of absence, 1943.
*43. Economic Resources. (3) A general survey of the basic economic resources of the world. Not counted toward major or minor. Mr. Evans.

51 ab. Introduction to Economics. (3-3) Yr. A prerequisite to all advanced courses in the department unless otherwise indicated. Prerequisite: sophomore standing. Credit for 51 a suspended until 51 b is completed. Mr. Evans.

*60. America at War. (2) A general survey of the problems and necessary adjustments brought to American life by total war. Particular emphasis on the economic aspects. Lectures by numerous faculty members and outside experts. Not counted toward major or minor.

For Juniors, Seniors, and Graduates
General prerequisite: Economics 51 ab or 105, unless otherwise stated.

105. Principles of Economics. (3) Primarily for students who are not majors in the department. Prerequisite: upper division standing, except for sophomore engineers. Mr. Sorrell.

111. Money and Banking. (3) Mr. Sorrell.


125. Price Control and Rationing. (3) The problems of price control and rationing, particularly as they apply to the American economy in wartime. Mr. Sorrell.

140. Economic Security. (3) The meaning and extent of poverty and insecurity, and methods of dealing with these problems. Mr. Hutchinson.

141. Labor Problems. (3) The position of the laborer in modern society. Mr. Evans.

143. Transportation. (3) Inland transportation with special attention to railroads. Staff.

152. Public Finance. (3) The theory and practice of taxation, governmental borrowing, financial administration, and public expenditures. Mr. Sorrell.

154. Modern Economic Reform. (3) A critical analysis of the proposed major reforms of the existing economic system. Mr. Sorrell.

160. Economic Theory. (3) Mr. Sorrell.

165. Public Utilities. (3) A study of the principles and problems in the utilities field. Staff.

178. Recent History of the United States. (3) (Same as History 178.) Accepted toward the major only.

198 ab. Seminar. (2-3 each semester) Staff.

For Graduates Only

251 ab. Problems. (2-4 each semester) Staff.

255 ab. Seminar in Latin American Socio-Economics. (2-2) Mr. Behrendt.

300. Thesis. Staff.

Business Administration
The Degree of Bachelor of Business Administration.—The degree of Bachelor of Business Administration (B.B.A.) is awarded upon the
completion of (1) regular minimum requirements for the bachelor's degree in the College of Arts and Sciences, (2) 48 hours in Economics and Business Administration courses numbered above 50, including 51 ab, 53 aBL, 55, 107 ab, 108, 109, 110, 111, (3) at least 40 per cent of the hours presented for graduation must be in fields other than Economics and Business Administration. A minor is not required.

Major Study in Business Administration (leading to the Bachelor of Arts degree).—Economics 51 ab, Business Administration 53 aBL, 107 ab, and 109, and 9 additional hours in Business Administration, and 6 additional hours in Economics, chosen from the following: Economics 111, 119, 141, 143, 152.

Minor Study in Business Administration.—Economics 51 ab, Business Administration 53 aBL and 6 additional hours in Business Administration.

Curriculum in Public Financial Administration.—See "College of Arts and Sciences."

Primarily for Freshmen and Sophomores

*11 ab. Beginning Typewriting. (2-2) Not counted toward major or minor. Miss Israel.
*12 ab. Beginning Shorthand. (3-3) Not counted toward major or minor. Miss Israel.
*51 ab. Advanced Typewriting. (2-2) Not counted toward major or minor. Miss Israel.
*52 ab. Advanced Shorthand. (3-3) Not counted toward major or minor. Miss Israel.

Primarily for Sophomores

53 aBL. Principles of Accounting. (4-4) Yr. Three hours of lecture and three hours of laboratory each week. Credit for 53 aL suspended until 53 bL is completed. Mrs. Dixon.
65. Business-Letter Writing. (3) A study of the art of business correspondence, including form material, letterheads, structure, content, etc. Mrs. Dixon.

For Juniors, Seniors, and Graduates

General Prerequisite: Economics 51 ab or 105, unless otherwise stated.

102. Governmental Accounting. (3) Accounting technique peculiar to governmental agencies and political subdivisions; effect of "Funds" on accounting systems; governmental budgets; balance sheets and other financial reports. Prerequisite: B. A. 53 aL. Staff.
103 ab. Intermediate Accounting. (3-3) Prerequisite: B. A. 53 aBL. Staff.
104. Cost Accounting. (3) Special emphasis on job order and process cost systems. Prerequisite: B. A. 53 aBL. Staff.
107 ab. Business Law. (3-3) Yr. Prerequisite: upper division standing. Credit for 107 a suspended until 107 b is completed. Mr. Sorrell.
108. Marketing. (3) Methods and institutions. Mr. Sorrell.

1. General elective credit in the College of Arts and Sciences.
109. Business Statistics. (3) Collection, arrangement, and interpretation of statistical material relating to business operations. Prerequisite: permission of instructor. Staff.

110. Corporation Finance. (3) Financial organization and policies of the modern corporation. Mr. Evans.

112. Auditing. (3) Prerequisites: B.A., 53 abl, and 103 a. Staff.

113. Credit and Collections. (2) Principles and practices of credit management. Taught primarily from the point of view of the credit man. Mrs. Dixon.

115. Investments. (3) An analysis of corporation, municipal, and other securities. Mr. Evans.

117. Mathematics of Finance. (3) Same as Mathematics 117.) Accepted toward the major only.

123. Insurance Principles and Practices. (3) Mr. Evans.

155 g. The Teaching of Commercial Subjects in High School. (3) (Same as Education 155 g.)

For Graduates Only

251 ab. Problems. (2-4 each semester.) Staff.

300. Thesis. (4-6) Staff.

Courses in Business for General College Only

13 abl. Bookkeeping. (3-3) An introduction to the principles and practices of bookkeeping, including debit and credit procedure, the use of controlling accounts, special journals, and the preparation of profit and loss, and balance sheet statements. Mrs. Dixon.


15. Business Correspondence for Secretaries. (3) A study of correct sentence structure, the writing of sales, collection, and application letters, reports, etc. Mrs. Dixon.

16. Salesmanship. (2) The approach and appeal necessary to the consummation of a sale; selling methods which have proved successful. Students are required to engage in actual selling work. Staff.

17. Machine and Office Training. (3) The procedure in various types of offices; occasional inspection trips to well-managed offices. Miss Israel.


DEPARTMENT OF ENGLISH

Professors St. Clair (Emeritus)1 Pearce (Head); Associate Professors Smith, Wynn; Assistant Professors Wicker, Keleher; Instructors Jacobs,2 Simons, Blessing, Kluckhohn.

Group Requirements.—English 1 ab is a required course for all students and counts toward Group Requirement I. All entering students will take an English placement examination. Those who do not show adequate preparation in the mechanics of writing must take English A (non-credit) before enrolling for English 1 ab. Students who pass the placement test with honors may register for special sections in 1 ab.

1. Deceased.
2. On leave of absence for the duration.
Major Study.—English 1 ab, 53 ab, and 24 additional hours in courses numbered above 50. The courses taken must include 80 or 82 or 164; 91; 141; 151 or 154; two courses chosen from 132, 143, 146, 148, 157, 177, 178, 181; and 198. Twelve hours must be taken in courses numbered above 100. It is strongly recommended that English majors take History 71 ab—if possible, concurrently with English 53 ab. Students with special interest in the theater may elect Dramatic Art 90 ab toward a major study in English. Majors and minors planning to teach English should enroll in Education 155 c, The Teaching of English in High School. A comprehensive final examination in English literature and language (see English 198) is required of majors.

Minor Study.—College of Arts and Sciences; English 1 ab and 15 hours in courses numbered above 50.

College of Education: English 1 ab and 18 hours in courses numbered above 50.

Primarily for Freshmen and Sophomores

English 1 ab is prerequisite to all other courses in the department except English A and 51 ab.


1 ab. English Composition. (8-8) 1 a: Exposition, paragraph structure, informal essay, reading reports. 1 b: Investigative paper, etymology, diction, connotation, descriptive and narrative sketches, reading reports. Consult schedule for sections.


51 ab. News Writing and Reporting. (2-2) 51 a: Spot news; 51 b: Feature writing. Two hours laboratory after short period of introductory lectures. Credit for elective but not acceptable for group requirements. Staff.

53 ab. Survey of English Literature. (3-3) Restricted to students who expect to make English or Music their major or minor. Miss Keleher.

54. Vocabulary Building. (3) Study of basic word roots and drill designed to increase vocabulary. Miss Kluckhohn.

55. Public Speaking. (3) Principles and types of speech with emphasis on speech situation. Miss Keleher.

56. Utopias in English Literature. (1) Literature emphasizing social progress, including the works of Plato, More, Bacon, Butler and Bellamy. Mr. Pearce.

57 ab. Types of English Literature. (3-3) 57 a: Poetry; 57 b: Prose. Either 57 a or 57 b may count toward an English major, but not both. Miss Simons.

58. Argumentation and Debate. (3) Mr. Wicker.

59. Interpretative Reading. (2.5) SS. Interpreting literary material for public reading. Miss Crowe.

60. Play Production. (2) SS. A practical course in the staging of plays, directing and acting. Performances given by students in one-act plays, original plays, and children's plays. Miss Crowe.

63. Creative Writing. (3) Miss Keleher.

64 ab. Technical Writing. (3-3) Primarily for Engineers. Miss Simons.
65. Practical English and Speech. (3) Advanced exposition for students not majoring in English. Mr. Wicker.
68. Advanced Composition. (3) Reading and writing of non-fictional prose. Mr. Wicker.
75·ab. World Literature. (3-3) Masterpieces of European and Asiatic literature. Mr. Mitchell, Mr. Smith.
*77. Southwestern Literature. (1) Interpretation of the cultural and esthetic values. Mr. Pearce.
80. The Democratic Traditions in American Literature. (3) Political, economic, and social concepts of democracy as revealed in American literature, from the earliest to contemporary times. Mr. Pearce.
82. American Literature. (3) A general survey to 1900, with more intensive study of the great writers of the nineteenth century. Mr. Smith.
83. Contemporary Letters and Criticism. (.5 SS. Series of lectures by leading poets, novelists, and critics of the Southwest. Fee $1.50.
85. Newspaper Desk Work. (2) Copy reading, headlining, newspaper make-up. Prerequisite: English 51 ab, or semester of experience on Lobo editorial staff.
88. Myths and Epics. (2) Great myths of Greece and Rome and their application in English literature, together with examination of the major folk epics. Staff.
91. History of the English Language. (2) The etymology, morphology, phonetics; and semantics of English; the relation between linguistic and cultural changes. Mr. Pearce.
95. Classical Drama in Translation. (2) Lectures in development of Greek and Roman drama and extensive reading of classical plays. Mr. Mitchell.
Communication, Oral and Written. (2) (See Premeteorology Courses, p. 148.)

For Juniors, Seniors, and Graduates
132. Contemporary Poetry. (3) Prerequisite: English 53 b or 57 a. (Offered alternately with English 181.) Mr. Wynn.
141. Shakespeare. (3) A detailed study of selected plays. Mr. Wynn.
143. Drama of the Restoration and Eighteenth Century. (3) The best plays from D'Avenant to Sheridan. Prerequisite: English 53 a. Mr. Smith.
146. Age of Milton. (3) Non-dramatic poetry and prose from 1600 to 1674, with especial emphasis upon the masterpieces of Milton. Prerequisite: English 53 a or 57 a. Mr. Smith.
147. Studies in World Drama. (2) Mr. Smith.
148. Elizabethan Drama Exclusive of Shakespeare. (3) Special attention to the plays of Marlowe and Jonson. Prerequisite 53 a or 57 b. Mr. Pearce.
149. Contemporary Drama. (2) Mr. Smith.
151. Chaucer. (3) A reading of Chaucer's chief literary works with an examination of his philosophy. Prerequisite: English 53 a or 57 a. Mr. Pearce.
154. Middle English. (3) A general survey of the types of thirteenth and fourteenth century literature. Prerequisite: English 53 a or 57 a. Mr. Pearce.
157. Elizabethan Literature Exclusive of the Drama. (3) Development of humanism, new poetry, literature of courtesy. Prerequisite: English 53 a or 57 a. Mr. Pearce.

161. Advanced Composition. (2.5) SS. Expository and narrative prose and the writing of verse.

164. American Literature in the Nineteenth Century. (3) SS. An intensive study of the outstanding authors and their works. Mr. Smith.

177. The Classical Period in English Literature. (3) The chief writers in England from the Restoration to the decline of neo-classicism. Prerequisite: English 53 a or 57 a. Mr. Smith.

178. The Romantic Period. (3) The major poets, and the prose of the early nineteenth century. Prerequisite: English 53 a or 57 a. Mr. Wynn.

181. Victorian Poets. (3) The representative poets from 1830 to 1890. Prerequisite: English 53 b or 57 a. (Offered alternately with English 132.) Mr. Wynn.

185. Early English Novel. (3) From the beginnings through Dickens. (Offered alternately with English 186.) Mr. Wynn.

186. Later English Novel. (3) From Thackeray to the present. English 185 is recommended as a prerequisite. (Offered alternately with English 185). Mr. Wynn.

198. Review Seminar. (1) Senior English majors are advised to take this course in preparation for the comprehensive examination.

For Graduates Only

205. History of Criticism, Chiefly English. (1) The essential principles of literary criticism, and their application to English letters. Mr. Smith.

219. Carlyle and His Circle. (2) Mr. Jacobs.

247. Studies in Shakespeare. (2) SS. Mr. Wynn.

248. Marlowe and Jonson. (2) Seminar in romantic and realistic plot, characterization and staging. Mr. Pearce.

249. Old English. (3) Readings in Old English prose and poetry, exclusive of Beowulf. (Offered alternately with English 250). Mr. Pearce.

250. Beowulf. (3) Reading of the Old English epic, Beowulf. (Offered alternately with English 249). Mr. Pearce.

251 ab. Problems. (1-3) Studies in literature and philology. Staff.

299 ab. Studies in American Literary Culture. (3-3) 299 a: Beginnings to 1840: Amerind lore, early New England, the South, New Spain. 299b: 1840 to 1915: Western local color and mid-western realism; the Eastern tradition of gentility; naturists, folklore, American expression. Staff.

300. Thesis. (3-6) Staff.

GEOGRAPHY (Not a Department)

Professors Brand (in charge of the minor), Bostwick, Northrop, Sorrell, Workman; Associate Professors Bell, Holzer.

Major Study.—Not offered.

Minor Study.—Anthropology 53 ab (3-3), or Geology 61 (2) and Economics 43 (3); and 14 or 15 more hours (totaling 20 hours for the minor) from among the following, including at least two courses to be
selected from Anthropology 119 (2), Anthropology 188 ab (3-3), and Geology 54 (2). (Observe prerequisites.)


*Anthropology 55. Human Geography of New Mexico. (3) Mr. Brand.

Anthropology 95. Maps and Charts. (2) Mr. Brand.

Physical and Regional Geography. (3) (See Premeteorology Courses, p. 143.)

Anthropology 113. Climatology. (3). Mr. Brand.

Anthropology 119. Races and Cultures of Europe. (2) Mr. Brand.

Anthropology 146. Geography of the Pacific Area. (2) Mr. Brand.


Anthropology 188 b. Cultural Geography. Latin America. (3) Mr. Brand.

Biology 171 L. Physiographic Ecology. (4) Prerequisite: 12 hours of Biology. Mr. Bell.

Biology 172. Plant and Animal Geography. (3) Prerequisite: 12 hours of Biology. Mr. Bell.

*Economics 43. Economic Resources. (3) Mr. Sorrell.

Economics 121 ab. Economics and Trade of Latin America. (3-3) Mr. Behrendt.

*Geology 54. Geography of North America. (2) Staff.

*Geology 61. Principles of Geography. (2) Staff.

Geology 181. Geomorphology. (3) Prerequisites: Geology 2, 6 L, 108. Mr. Northrop.

Geology 182. Geomorphology of the United States. (3) Prerequisite: Geology 181. Mr. Northrop.

Physics 15. Descriptive Meteorology. (3) Mr. Workman.

Physics 116 ab. Dynamic Meteorology. (3-3) Prerequisites: Physics 41 b, Mathematics 17 ab or 18 ab, 53 ab. Mr. Holser.

Physics 117 abL. Synoptic Meteorology. (3-3) Weather forecasting and analysis. Prerequisite: approval of staff. Staff.

**DEPARTMENT OF GEOLOGY**

Professor Northrop (Head); Associate Professor Kelley; Assistant Professor Reiche.

**Group Requirements.**—Courses in this department count toward Science and Mathematics (Group IV).

**Major Study.**—Geology 1, 2, 5 L, 6 L, 71 abL, 106, 107 abL, 108, and at least 10 additional upper division hours. Chemistry 1 abL and Civil Engineering 55 L or its equivalent are required; note that Mathematics 13 b is prerequisite to C. E. 55 L. Students contemplating a double major may, with the approval of the department, substitute certain other courses in Geology for certain of those listed above. Students contemplating a major in Geology should take Geology 71 abL in their sophomore year; they should minor in chemistry, biology, physics, mathematics, or engineering.
Minor in Engineering.—Twenty hours, as approved by the department, from among the following: Engineering 1 abL. 53, 101, 102, 104 L; Civil Engineering 55 L, 56 L, 110, 157 F, 167 L, 173 L, 184; Mechanical Engineering 181 ab. (Observe prerequisites.)

Minor Study.—Twelve hours beyond Geology 1, 2, 5 L, and 6 L.

Primarily for Freshmen and Sophomores

*1. Physical Geology. (3) Materials composing the earth and work of agencies, both external and internal, modifying its surface. Mr. Northrop, Mr. Kelley, Mr. Reiche.

*2. Historical Geology. (3) History of the earth; rise and succession of the various forms of life. Prerequisite: Geology 1. Mr. Northrop.

*5 L. Physical Geology Laboratory. (1) Minerals, rocks, and topographic maps. Credit suspended when credit in Geology 1 is not earned. Co-requisite: Geology 1. Staff.

*6 L. Historical Geology Laboratory. (1) Fossils and paleographic maps; emphasis on historical geology of New Mexico. Credit suspended when credit in Geology 2 is not earned. Co-requisite: Geology 2. Staff.

*54. Geography of North America. (2) (Normally offered in Summer Session only.) Staff.

*61. Principles of Geography. (2) (Normally offered in Summer Session only.) Staff.

71 abL. Mineralogy. (3-3) Crystallography; chemical, physical, and descriptive mineralogy; geologic occurrences, associations, and uses. Prerequisite: Geology 1; prerequisite or co-requisite: Chemistry 1 abL. Course 71 abL may be taken separately, but 71 abL is prerequisite to 71 bL. Mr. Kelley.

For Juniors, Seniors, and Graduates

101. Nonmetalliferous Deposits. (3) Origin, properties, utilization, and classification of industrial minerals, rocks, and coal. Prerequisites: Geology 6 L and 71 abL. Mr. Kelley.

102. Ore Deposits. (3) Metalliferous deposits with respect to their origin, distribution, structure, and alteration; mining and utilization problems. Prerequisites: Geology 6 L and 71 abL. Mr. Kelley.

105. New Mexico Geology. (2) Prerequisite: Geology 6 L; 107 abL, and 108 are strongly recommended. Mr. Northrop.

106. Field Geology. (2) Geologic mapping; principles and techniques; preparation of a report. Prerequisites: Geology 6 L and Civil Engineering 55 L; prerequisite or co-requisite: Geology 107 abL. Mr. Kelley.

107 abL. Petrography and Petrology. (4-3) Yr. Optical mineralogy; the polarizing microscope; systematic study of rocks with respect to their mineralogy, texture, and genesis. Prerequisites: Geology 6 L and 71 aL. Credit suspended for 107 aL until 107 bL is completed. Mr. Kelley.

108. Structural Geology. (3) Rock structures and their origins; problems. Prerequisite: Geology 6 L; mechanical drawing or descriptive geometry or both are strongly recommended. Staff.

109 abL. Stratigraphy. (4-4) Yr. Principles, followed by a survey of the stratified rocks of North America, their correlation, stratigraphic relations, and guide or index fossils. Prerequisite: Geology 6 L; some biology is strongly recommended. Credit suspended for 109 aL until 109 bL is completed. Mr. Northrop.
111 abL. Paleontology. (4-4) Yr. Fossil plants, invertebrates, and vertebrates, with emphasis on the invertebrates; structure, classification, life habits, evolution, and geologic history. Prerequisite: Geology 6 L; some biology is strongly recommended. Credit suspended for 111 abL until 111 bL is completed. Mr. Northrop.

115 L. Petroleum Geology. (3) An inductive approach to the principles of oil origin and accumulation, based on structural and stratigraphic study of oil-producing regions and districts. Prerequisite: Geology 6 L; 107 abL, 108, and 116 L are recommended. Mr. Reiche.

116 L. Sedimentology. (3) The sedimentary cycle and its products: rock-weathering and soils; transport; depositional environments; sedimentary petrology. Prerequisite: Geology 6 L; 107 abL and 108 are recommended. Mr. Reiche.

131. Pleistocene Geology. (2) Prerequisite: Geology 6 L. (Offered only occasionally.) Staff.

151 ab. Problems (2-2) Arranged. Staff.

161. Ground Water. (2) Occurrence and development of ground water with special emphasis on Southwestern conditions. Prerequisites: Geology 6 L, 71 abL, 108, and 116 L. Mr. Reiche.

172. Rock Metamorphism. (2) The metamorphic processes and products. Prerequisites: Geology 107 abL and 116 L. Mr. Reiche.


For Graduates Only

251 ab. Problems. (2-3 each semester) Staff.

300. Thesis. (4-6) Staff.

DEPARTMENT OF GOVERNMENT AND CITIZENSHIP

Professor Donnelly1 (Head); Associate Professor Kleven (Acting Head); Assistant Professor Jonas.

Group Requirements.—Courses in this department count toward Social Science (Group III).

Major Study.—In addition to 1 a or 1 b, 30 semester hours including Government 51 ab, 141 or 142, 167 or 168, 197 a or 197 b.

Minor Study.—In addition to 1 a or 1 b, 18 semester hours including 51 ab, 141 or 142, 167 or 168, 175.

Curriculum Preparatory to Law.—See “College of Arts and Sciences.”

Curriculum Preparatory to Public Administration.—See “College of Arts and Sciences.”

Primarily for Freshmen and Sophomores

*1 ab. Introductory Course. (3-3) The problems of government, methods of study, and the development of a scientific attitude. Mr. Jonas, Mr. Kleven.

*51 ab. American Government and Politics. (3-3) (a) National government. (b) State, county, and city government. Mr. Jonas, Mr. Kleven.

1. On leave of absence for the duration.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>60.</td>
<td>Post War Reconstruction</td>
<td>3</td>
<td>Post war international problems with particular emphasis on boundaries and minorities, international organization, trade relations, raw materials, colonies, population and migration.</td>
<td>Mr. Kleven.</td>
</tr>
<tr>
<td>71 ab.</td>
<td>Comparative Government</td>
<td>3-3</td>
<td>(a) A selected group of democracies with special emphasis on the English Parliamentary system. (b) A continuation of a with special emphasis on the theories and methods of totalitarian states.</td>
<td>Mr. Kleven.</td>
</tr>
<tr>
<td>75.</td>
<td>Public Opinion and Propaganda</td>
<td>3</td>
<td>Public opinion as it affects party alignments and governmental programs. The methods used by special interests in influencing public opinion.</td>
<td>Prerequisite: Government 1 ab. Mr. Jonas.</td>
</tr>
<tr>
<td>76.</td>
<td>Political Parties</td>
<td>3</td>
<td>The American party system, national, state, and local.</td>
<td>Prerequisite: Government 1 ab. Mr. Jonas.</td>
</tr>
<tr>
<td>77.</td>
<td>Propaganda and War</td>
<td>3</td>
<td>Propaganda as a weapon of war, its nature, techniques, and agencies; comparison of Axis and United Nations propaganda.</td>
<td>Mr. Jonas.</td>
</tr>
<tr>
<td>81 ab.</td>
<td>History and Political Institutions of Greece and Rome</td>
<td>3-3</td>
<td>(Same as History 81 ab.)</td>
<td>For Juniors, Seniors, and Graduates</td>
</tr>
<tr>
<td>103.</td>
<td>Problems of Democracy</td>
<td>3</td>
<td>Government problems of special contemporary importance.</td>
<td>Staff.</td>
</tr>
<tr>
<td>121.</td>
<td>Public Administration</td>
<td>3</td>
<td>Introduction to the general problems of public administration in the modern state; evolution of administrative organization; tendency toward centralization; process of integration; controls which are exercised over administration by the courts and legislatures, reorganization of administration.</td>
<td>Prerequisite: Government 51 ab. Mr. Kleven.</td>
</tr>
<tr>
<td>131.</td>
<td>Administrative Law</td>
<td>3</td>
<td>The legal and constitutional problems involved in the regulation of administrative officers and agencies.</td>
<td>Prerequisites: Government 51 ab, 121. Mr. Kleven.</td>
</tr>
<tr>
<td>141.</td>
<td>International Relations</td>
<td>3</td>
<td>The origin and nature of the problems involved in international relations.</td>
<td>Recommended: History 51 ab and 151. Mr. Kleven.</td>
</tr>
<tr>
<td>142.</td>
<td>Contemporary World Politics</td>
<td>3</td>
<td>An analysis of the foreign policies of the great powers and of contemporary problems growing out of these foreign policies.</td>
<td>Mr. Kleven.</td>
</tr>
<tr>
<td>143.</td>
<td>International Law</td>
<td>3</td>
<td>The origin, nature, and application of the rules of international law.</td>
<td>Prerequisites: Government 1 ab and 51 ab. Mr. Kleven.</td>
</tr>
<tr>
<td>145.</td>
<td>Political Aspects of Hemispheric Security</td>
<td>3</td>
<td>Contemporary national, social, and economic problems as they are affected by changing international conditions with special emphasis on American policies as they relate to the problems of security in the Western Hemisphere.</td>
<td>Prerequisite: Government 51 ab. Mr. Jonas.</td>
</tr>
<tr>
<td>151.</td>
<td>American Diplomacy</td>
<td>3</td>
<td>(Same as History 151.)</td>
<td>Mr. Kleven.</td>
</tr>
<tr>
<td>155.</td>
<td>The Governments of Latin America</td>
<td>3</td>
<td>A consideration of the form which government has taken in a number of Latin American</td>
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states including a study of government problems and policies in Latin America. Prerequisite: Government 51 ab. Mr. Kleven.

167. Ancient and Medieval Political Theory. (3) Political thought from the Greek period to modern times. Prerequisite: Government 51 ab. Mr. Jonas.

168. Contemporary Political Theory. (3) Socialistic theories; the theory of the fascist corporate state; theories of current governmental policies. Prerequisite: Government 51 ab. Mr. Jonas.

175. Constitutional Law. (3) The Constitution of the United States as it has been interpreted by the courts. Prerequisite: Government 51 ab. Mr. Kleven.


191. Public Personnel. (2) Study of the principles of the civil service systems of the United States and of the state governments. Prerequisite: Government 51 ab. Mr. Kleven.

195 ab. Advanced Reading. (2-2) Open to approved seniors and graduates in the department who wish to study in a field not adequately covered in courses available, or to students who plan to take Civil Service examinations and wish to round out their preparation. Mr. Jonas, Mr. Kleven.

197 ab. Seminar. (2-2) Open to advanced students with approved qualifications. Mr. Jonas.

For Graduates Only

201 ab. Administrative Problems in State and Local Government (2-2) Mr. Kleven.

205 ab. Political Parties and Electoral Problems. (2-2) Mr. Jonas

251 ab. Problems. (1-3) Staff.

261. Constitutional Problems in Public Administration. (2) Mr Kleven.

262. Problems in International Law and Relations. (2) Staff.

300. Thesis. (4-6) Staff.

DEPARTMENT OF GREEK AND LATIN

Professor Mitchell (Head).

GREEK

Courses in the Greco-Roman heritage are offered in the Departments of Anthropology, English, and History. (Not offered 1943-44.)

1 ab. Elementary Greek. (3-3) Yr. Credit suspended for 1 a until 1 b is completed.


LATIN

Group Requirements.—Courses in this department numbered below 100 count toward Foreign Language (Group II).

Major Study.—Twenty-four hours in courses numbered above 53 b. A comprehensive examination is required.

Minor Study.—Twelve hours in courses numbered above 53 b.
Primarily for Freshmen and Sophomores

53 ab. Intermediate Latin. (3-3) Selections from the various authors, especially Cicero and Ovid. Prerequisite: two units of high school Latin or equivalent.

During 1943-44 arrangements should be made in advance for the following courses.

71 ab. Latin Literature. (3-3) Selections from various authors. Prerequisite: three years of Latin.

81 ab. Latin Grammar and Composition. (1-1) Prerequisite: three years of Latin.

91 ab. Latin Literature. (3-3) Selections from various authors. Prerequisite: three years of Latin.

For Juniors, Seniors, and Graduates

General prerequisite: twelve hours of college Latin.

161 ab. Advanced Reading. (3-3) One course each semester in one of the following fields of study: history (Livy or Tacitus); Roman novel and plebian Latin (Apuleius and Petronius); satire (Horace and Juvenal); biography (Suetonius); comedy (Plautus and Terence); philosophy (Lucretius); historical Latin grammar and syntax.

195 ab. Problems. (2-2) Original investigations in grammar, syntax, public and private life.

For Graduates Only

Graduate work is offered only when circumstances permit.

251 ab. Problems. (2-2) Original investigations in syntax, semasiology, dictionary making, supervised reading.

300. Thesis. (4-6)

DEPARTMENT OF HISTORY

Professors Hammond (Head), Dargan, Mitchell; Research Associate Bloom; Associate Professors Reeve, Sacks; Assistant Professor Woodward; Graduate Fellow Naegle.

Group Requirements.—Courses in this department count toward Social Science (Group III).

Major Study.—Thirty hours, including 12 hours from courses 1 ab and 11 ab or 51 ab, and at least 15 hours numbered above 100. All students who intend to take upper division courses in history are urged to acquire a reading knowledge of at least one foreign language, preferably Spanish, before reaching the junior year.

Minor Study.—Eighteen hours, including 1 ab or 11 ab, and not less than 6 hours numbered above 100.

Primarily for Freshmen and Sophomores

*1 ab. Western Civilization. (3-3) The contributions of man from the earliest times. The course is organized into sections for additional work in historical geography, map work, and use of the library for historical study. Mr. Dargan, Mr. Mitchell.

*11 ab. History of the Americas. (3-3) Mr. Hammond.

*31. History of New Mexico. (2) Miss Woodward.

*51 ab. History of the United States. (3-3) Mr. Reeve.


81 ab. History and Political Institutions of Greece and Rome. (3-3) Mr. Mitchell.

1. On leave of absence for the duration.
For Juniors, Seniors, and Graduates

General prerequisite: not less than 6 hours in History.

102. Introduction to Historical Research. (3) Miss Woodward.
107. Modern and Contemporary Far East. (3) The relation of western civilization with the Orient since 1850. Mr. Dargan.
122. The Middle Ages. (3) Miss Woodward.
123. The Renaissance and the Reformation. (3) Miss Woodward.
133. England Since the Industrial Revolution. (3) Staff.
135. Modern Britain. (3) Staff.
141 ab. Modern Europe, 1500-1914. (3-3) Emphasis on social, economic, and intellectual developments on the continent. Mr. Dargan.
146. Dictatorship and Democracy in Europe Since 1914. (3) Miss Woodward.
151. American Diplomacy. (3) Mr. Dargan.
161 ab. History of Latin America. (3-3) Mr. Hammond, Miss Woodward.
163. The A. B. C. Powers in Recent Times. (3) Miss Woodward.
165. History of Spain. (3) Mr. Bloom.
168. Mexico and the Caribbean. (3) Miss Woodward.
171. The American Colonies. (3) Mr. Dargan.
173 ab. Representative Americans. (2-2) The great personalities who have influenced American history. Mr. Dargan.
175. The South in American History, 1763-1865. (3) Mr. Dargan.
178. Recent History of the United States. (3) Mr. Reeve.
179 ab. Constitutional History of the United States. (2-2) Mr. Reeve.
191 ab. History of the Southwest. (3-3) Mr. Bloom.

For Graduates Only

201 ab. Source Material in the Spanish Colonial Period. (2-2) Training in the research use of manuscript sources. Reading knowledge of Spanish required. Arranged. Mr. Bloom.
251 ab. Seminar. (2-2) Mr. Hammond.
261 ab. Research in Southwestern History. (2-2) Mr. Dargan.
271 ab. Seminar in American History. (2-2).
300. Thesis. (4-6) Staff.

INTER-AMERICAN AFFAIRS

(Not a Department)

Professor Brand (Anthropology); Assistant Professor Behrendt (Inter-American Affairs).

COLLEGE OF ARTS AND SCIENCES

71 b. Introduction to Latin America. (3) Social, Economic, and Political Life. An understanding of the differences between Latin and Anglo-Saxon America and a basis for a satisfactory relationship are sought through a survey of the principal factors which contributed to the development of Latin America's social, economic, and political life and of the basic issues of today, such as land distribution, public health, popular education, formation of the middle class, economic nationalism, standard of living, the chances for democracy, and the problem of foreign influences. Bibliography and sources of information. Mr. Behrendt.

Competent guest lecturers from the University and from state and federal agencies will be invited to this course to treat specific topics.

LATIN

See Department of Greek and Latin.

DEPARTMENT OF LIBRARY SCIENCE

Professor Shelton (Head); Instructors Brindley, Petty.

1. Elementary Library Science. (2) Introduction to library methods. Miss Shelton.


24. School Library Administration. (3) SS. A study of the organization of the school library, including classification and cataloging of books. Miss Shelton.


DEPARTMENT OF MATHEMATICS

Professors Newsom (Head), Barnhart; Associate Professor Larsen; Assistant Professors Barker, Rosenthal; Teaching Assistant Buck.

Group Requirements.—Courses in this department count toward Science and Mathematics (Group IV).

Major Study (College of Arts and Sciences).—Twenty-four hours in courses numbered above 50. Engineering 101 or Physics 142, and Civil Engineering 55 L may be counted toward a major. Among the electives recommended for students specializing in mathematics are Business Administration 53 a b L; Engineering 1 ab L, and 2 b; Civil Engineering 56 L; Philosophy 56; and Physics 41 ab, 101, 102, and 142.

Major Study (College of Education).—Mathematics 1, 55 ab, five more courses numbered above 50 and Education 155 e. A list of recommended teachers is selected each year by vote of the mathematics faculty from those who complete the major.

Minor Study.—Eleven hours in courses numbered above 52.

Note to Beginning Students in the College of Engineering.—Students entering the College of Engineering who do not meet the entrance requirements in high school mathematics (3 units) will be required to make up their deficiencies by taking Mathematics A or Mathematics B, or both, previous to enrollment in the required courses in Mathematics. Credits earned in Math. A, B, and 14 ab will not count toward graduation requirements in the College of Engineering.

1. Resigned.
Primarily for Freshmen and Sophomores

1. College Arithmetic. (2) The logical and historical background of arithmetic desirable in the training of teachers. Includes drill on fundamental operations. Mr. Barker.

†A. [Review Mathematics] Intermediate Algebra. (2) Prerequisite: high school algebra, 1 unit; plane geometry, 1 unit. Not open to students who have credit for 1½ units of high school algebra. Does not count toward graduation requirements in the College of Engineering. Staff.

†B. Intermediate Geometry. (2) Prerequisite: high school algebra, 1 unit; plane geometry, 1 unit. Not open to students who have credit for 1½ units of high school geometry. Does not count toward graduation requirements in the College of Engineering. Staff.

*14 ab. An Introduction to Mathematics. (3-3) The mathematical method and the fundamental mathematical concepts. Recommended for students who do not expect to do extensive work in mathematics. Prerequisite: high school algebra, 1 unit. Mr. Newsom, Mr. Barnhart.

16. Plane Trigonometry. (3) Prerequisites: high school algebra, 1½ units; plane geometry, 1 unit. Mr. Barnhart, Mr. Larsen.

18 ab. Freshman Mathematics. (4-4) Basic course for curricula in mathematics, in engineering, and in other programs in science. Also recommended for students who are interested in military (naval) science. Prerequisite: 3 units of high school mathematics. Mr. Barnhart, Mr. Barker.

42. Introduction to Statistical Methods. (3) A basic course especially for students specializing in the social sciences. Some laboratory work required. Not recommended for mathematics majors. Prerequisite: Mathematics 14 a or equivalent. Mr. Larsen.

52. Introduction to Astronomy. (3) A descriptive course not requiring extensive knowledge of science or mathematics. Prerequisites: high school algebra, 1 unit; plane geometry, 1 unit. Mr. Barker.

53 ab. An Introduction to the Calculus. (4-4) Differential and integral calculus. Prerequisites: Mathematics 18 ab, or equivalent. Mr. Barnhart, Mr. Rosenthal, Mr. Barker.

61. Spherical Trigonometry and Practical Astronomy. (3) Especially concerned with the mathematical foundation of navigation and related subjects as recommended by the Air Corps. Includes map projections, dead reckoning, and celestial navigation. Prerequisites: Mathematics 18 ab, or 14 a and 16, or equivalent. Mr. Barker.

Calculus and Differential Equations. (8) (See Premeteorology courses, p. 148.)

For Juniors, Seniors, and Graduates

117. Mathematics of Finance. (3) Accepted for major credit by the Department of Economics. Prerequisite: Mathematics 14 a or equivalent. Mr. Larsen.

131 ab. Mathematics of Statistics. (3-3) Some laboratory work required. Prerequisite: Mathematics 53 b, or consent of the instructor. Mr. Larsen.


142. Applied Mathematical Methods. (3) Nomography, numerical solution of equations, interpolation, Fourier Series, method of least squares, curve fitting, etc. Prerequisite: Mathematics 53 b. Staff.

143. Vector Analysis. (2) Prerequisite: Mathematics 53 b. Staff.
155 e. Teaching of Mathematics in High School. (3) (Same as Education 155 e.) Accepted for credit in the College of Education only. Mr. Newsom.


173 ab. Advanced Analytic Geometry. (3-3) Prerequisite: Mathematics 53 b. Mr. Barnhart.

175. Foundations of Mathematics. (3) A critical study of the construction of a mathematical system. Prerequisite: Mathematics 53 b, or consent of instructor. Mr. Newsom.

181. Theory of Functions of a Real Variable. (3) Prerequisite: Mathematics 53 b. Mr. Rosenthal.

182. Theory of Functions of a Complex Variable. (3) Prerequisite: Mathematics 53 b. Mr. Newsom.

(The seminars which follow are open only to qualified students, and permission to register requires the consent of the instructor and the department head.)

194. Pro-Seminar in Statistics and Probability. (2) Staff.

196. Pro-Seminar in Geometry. (2) Staff.

197. Pro-Seminar in the Foundations of Mathematics. (2) Staff.

198. Pro-Seminar in Function Theory. (2) Staff.

For Graduates Only

204 ab. Seminar in Statistics and Probability. (2-2) Staff.

206 ab. Seminar in Geometry. (2-2) Staff.

207 ab. Seminar in Algebra and Number Theory. (2-2) Staff.

208 ab. Seminar in Function Theory. (2-2) Staff.

300. Thesis. (3-3) Staff.

DEPARTMENT OF MODERN LANGUAGES AND LITERATURES

Professors Kercheville,1 Campa,1 Ortega; Associate Professors Duncan (Acting Head), DeJongh; Assistant Professors Alexander, de la Casa, Behrendt, Koch, Lopes;1 Instructor Reindorp; Teaching Assistants Barnes, Pooler, Wallis; Graduate Fellow Light.

Due to the demands of the war it may be impossible to offer some of the courses listed. Students concerned with any particular advanced courses are urged to write to the head of the department about them.

Group Requirements.—Courses in this department count toward Foreign Language (Group II) with the exception of Spanish 145 ab and courses in the Folklore Division.

Placement Examinations.—Any new student presenting one or more units in Spanish, French, or German and desiring to continue that language in courses below 100 must take the placement examination. On the basis of the result, students will be assigned to the proper courses and credit allowed upon successful completion.

1. On leave of absence for the duration.
2. Resigned.
FRENCH

Major Study.—Twenty-four hours in courses numbered above 50. All French majors are urged to take a minor in Spanish or another modern language, or Latin.

Minor Study.—Twelve hours in courses numbered above 50.

Primarily for Freshmen and Sophomores

*1 ab. Elementary French. (3-3) Yr. Credit for 1 a suspended until 1 b is completed. 1 a and 1 b offered every semester. Mr. DeJongh.

*51 ab. Intermediate French. (3-3) Grammar, reading, and translation. Prerequisites: French 1 ab or the equivalent. 51 a and 51 b offered every semester. Mr. DeJongh.

For Juniors, Seniors and Graduates.

General prerequisites: French 51 ab or the equivalent.

101 ab. Advanced Composition and Conversation. (2-2) Mr. DeJongh.

105 ab. French Literature of the Nineteenth Century. (2-2) Mr. DeJongh.

121 ab. French Comedy. (2-2) Writers of the classical period. Mr. DeJongh.

151 ab. Survey of French Literature. (3-3) Mr. DeJongh.

For Graduates Only

251 ab. Problems in French Literature. (2-2) Mr. DeJongh.

GERMAN

Major Study.—Not offered.

Minor Study.—Twelve hours in courses numbered above 50.

Primarily for Freshmen and Sophomores

*1 ab. Elementary German. (3-3) Yr. Credit for 1 a suspended until 1 b is completed. 1 a and 1 b offered every semester. Mr. Koch.

*51 ab. Intermediate German. (3-3) Prerequisites: German 1 ab or the equivalent. 51 a and 51 b offered every semester. Mr. Koch.

61. Post War Literature. (3) Mr. Koch.

62. Scientific German. (3) Readings in psychology, chemistry, mathematics, biology, and anthropology. Mr. Koch.

For Juniors and Seniors

151 ab. Survey of German Literature. (3-3) Mr. Koch.

ITALIAN

No major or minor study offered.

75 ab. Italian. (3-3) Open only to students who possess a reading knowledge of another Romance language, and graduate students, or upon permission of the instructor. Mr. DeJongh.
PORTUGUESE

No major or minor study offered.

75 ab. Portuguese. (3-3) Open only to students who possess a reading knowledge of another Romance language and graduate students or upon permission of the instructor. Staff.
151. Survey of Portuguese Literature. (3) Staff.
157. Survey of Brazilian Literature. (3) Staff.

SPANISH

Major Study.—Twenty-four hours in courses numbered above 50, including Spanish 93 ab, 151 ab, and 153; and two years of college work in another modern language or Latin.

Minor Study.—15 hours in courses numbered above 50.

Primarily for Freshmen and Sophomores

*1 ab. Elementary Spanish. (3-3) Yr. Credit suspended for 1 a until 1 b is completed. 1 a and 1 b offered every semester. Staff.
*41 ab. Intermediate Spanish. (3-3) 41 a and 41 b offered every semester. Staff.
*43 ab. Elementary Spanish Conversation. (1-1) To be taken concurrently with Spanish 41 a and 41 b. Enrollment limited to fifteen students of A or B standing. Staff.
45 ab. Beginning Spanish. (3-3) Open only to students who speak Spanish natively and have made no formal study of the language, or upon the consent of the instructor. Staff.
55 ab. Advanced Spanish. (3-3) Open only to students who speak Spanish natively, except on permission of the instructor. Prerequisite: Spanish 45 ab, two years of Spanish in high school, or equivalent. Staff.
91 ab. Introduction to Spanish Literature. (3-3) Prerequisite 41 ab or the equivalent. Mr. Duncan.
93 ab. Intermediate Composition and Conversation. (2-2) Required of all majors. Prerequisite: 41 ab or the equivalent. Staff.
95. Spanish Business Letter Writing. (2) Prerequisite 41 ab or the equivalent. Sr. Ortega.
96. Commercial and Industrial Language Practice in Hispanic Countries. (2) Prerequisite: 41 ab or the equivalent. Sr. Ortega.

For Juniors, Seniors, and Graduates

Spanish 91 ab or the equivalent is a prerequisite for all literature courses in this section.

105 ab. Contemporary Spanish Literature. (2-2) Staff.
107 ab. Spanish Novel. (2-2) Mr. Duncan.
121 ab. Modern Spanish Drama. (2-2) Staff.
131 ab. Advanced Composition and Conversation. (2-2) Staff.
151 ab. Survey of Spanish Literature. (3-3) Required of Spanish majors. Staff.
153. Phonetics. (2) Required of all majors. Mr. Duncan.
155 m. The Teaching of Spanish in High School. (Same as Education 155 m.) No credit as Spanish.
157 ab. Survey of Spanish-American Literature. (2-2) Required of candidates for the Master's degree. Staff.

163 ab. Contemporary Spanish-American Literature. (2-2) Open only to graduate students and especially qualified undergraduates. May be substituted for 157 ab for the Master's degree. Staff.

165 ab. Cervantes and the Spanish Golden Age. (3-3) Life and works of Cervantes; sources; historical developments in sixteenth and seventeenth century Spain relating to literature; influence of Cervantes in foreign literatures. Sr. Ortega.

171. Lyric Poetry. (3) Required of candidates for a graduate degree. Staff.

For Graduates Only

201 ab. History of the Spanish Language. (2-2) Evolution of Spanish from Latin; readings from medieval texts. Required of all candidates for a graduate degree. Mr. Duncan.

205. Research Methods. (2) Required of candidates for a graduate degree.

251 ab. Seminar. (2-2) Staff.

300. Thesis. (4-6).

Folklore

115. Southwestern Folklore. (2) Special stress on New Mexico. Mr. Campa.

161. Folktales. (2) In Europe and Spanish America. Mr. Campa.

162. Folk Ballads and Songs. (2) Spanish balladry in the New World, particularly in New Mexico. Mr. Campa.

DEPARTMENT OF PHILOSOPHY

Professor Knode (Head); Assistant Professor Alexander.

Group Requirements.—Courses in this department count toward Social Science (Group III).

Major Study.—Philosophy 40, 56, 141 ab, and nineteen additional hours of which at least four must be numbered above 100.

Minor Study.—Philosophy 40, 56, 141 ab, and 4 additional hours.

Note: Students planning to complete a major or a minor in philosophy are urged to take many broad fundamental courses, and should consult members of the department as early as possible concerning their selection.

Primarily for Freshmen and Sophomores

*40. Introduction to Philosophy. (2) The function of philosophy and its approach to human problems; the relation of philosophy to science. Mr. Knode, Mr. Alexander.

*53. Ethics. (2) Problems of human values, individual and social. Mr. Alexander.

*55. Thought and Expression. (3) Introduction to linguistics and logical expression. Recommended as preparatory to Philosophy 56. Mr. Alexander.


64. Philosophy and Religion. (2) Their relationships as exemplified in Christianity and Western Philosophy. Mr. Knode.

72. Conflicts in American Thought. (3) Present-day ideological strife in philosophy, religion, and education. Mr. Knode.
74. Philosophy of Science. (2) Theory and criticism of science and the scientific method. Mr. Alexander.

For Juniors, Seniors, and Graduates
102. Aesthetics. (2) Theories of the systematic interpretation of beauty illustrated from the fine arts. Mr. Alexander.
123. Hispanic Thought. (2) A philosophical interpretation of the Spanish mind. (Offered alternately with Philosophy 102.) Mr. Alexander.
141 ab. Survey of Philosophy. (3-3) Study of the philosophies that have been most influential in Western thinking. Prerequisite: Philosophy 40. Mr. Alexander.
176. Contemporary Philosophy. (3) Present-day philosophic thought with special reference to the works of Whitehead and Dewey. Prerequisite: Philosophy 40. Mr. Knodle.
191 ab. General Linguistics and Theory of Language. (2-2) (Offered upon sufficient demand.) Mr. Alexander.
195 ab. Epistemology and Advanced Logic. (2-2) Basic problems of logical thinking and the scientific method. Prerequisite: Philosophy 51. (Offered upon sufficient demand.) Mr. Alexander.

For Graduates Only
241 ab. Periods of Special Philosophical Significance. (2-2) Plato and Aristotle; Descartes, Spinoza, and Leibniz; Locke, Berkeley, and Hume; Kant, Fichte, and Hegel; or others to be chosen by the group. Prerequisite: Philosophy 141 ab. Mr. Alexander.
251 ab. Problems. (2-2).
300. Thesis. (4-6)

DEPARTMENT OF PHYSICS

Professor Workman (Head); Associate Professor Holzer; Assistant Professor Snodgrass; Instructors Breiland, Pelsor; Lecturers Dunlap and Hablutzel.

Group Requirements.—Courses in this department count toward Science and Mathematics (Group IV).

Major Study.—Eighteen hours in courses above 100. Students interested in physics as a profession are required to take a comprehensive examination before graduation.

Minor Study.—Eight hours in courses above 100.

Minor Study in Meteorology.—Physics 101 and 116 ab or 117 abL.

Primarily for Freshmen and Sophomores
15. Descriptive Meteorology. (3) An elementary treatment of the problems of the physics of the atmosphere. Mr. Workman.
41 ab. General Physics. (3-3) The elements of mechanics, properties of matter, heat, electricity, magnetism, sound and light. Prerequisites: algebra and plane geometry. Mr. Workman, Mr. Holzer, Mr. Hablutzel.
41 abL. General Physics Laboratory. (1-1) Credit suspended if student fails Physics 41 ab. Co-requisite: Physics 41 ab. Mr. Pelsor.

General Physics. (8) (See Premeteorology Courses, p. 142.)
For Juniors, Seniors, and Graduates


102. Optics. (3) Geometrical and physical. Prerequisite: Physics 41 b. (Offered in alternate years.) Mr. Workman.

102 L. Optics Laboratory. (1) Co-requisite: Physics 102. Mr. Dunlap.

105 L. Laboratory Technique. (2-4) A study of techniques associated, for the most part, with research problems in progress. Prerequisite: Physics 41 b. Staff.

111 ab. Electricity and Magnetism. (3-3) I. General theory of electrostatics, magnetostatics, direct current phenomena, and electromagnetic induction. Prerequisites: Physics 41 b and Mathematics 53 b. Mr. Holzer. II. Theory of alternating current circuits, and electromagnetic transients. Prerequisite: Physics 111 a. (Offered in alternate years.) Mr. Holzer.

111 aL. Electricity and Magnetism Laboratory. (1-2) Co-requisite: Physics 111 a. Mr. Pelsor.

113. Climatology. (3) (See Anthropology 113.)

116 ab. Dynamic Meteorology. (3-3) Prerequisites: Physics 41 b and Mathematics 53 b. Mr. Breiland.

117 abL Synoptic Meteorology. (3-3) Weather forecasting and analysis. Prerequisite: Approval of staff. Mr. Breiland.

142. Analytic Mechanics. (3) A mathematical presentation of kinematics, dynamics and statics. Prerequisites: Physics 41 b and Mathematics 53 b. (Offered in alternate years.) Mr. Hablutzel.

191. Contemporary Physics. (3) A survey of selected subjects in the fields of kinetic theory, thermodynamics, electromagnetic theory and quantum theory. Prerequisite: approval of staff. Staff.

192. Contemporary Physics. (3) A survey of selected subjects in the fields of ionization, penetration, radiation, and nuclear structure. Prerequisite: approval of staff. Staff.

Vectorial Mechanics. (6) (See Premeteorology Courses, p. 142.)

For Graduates Only

251. Problems. (2-4) Staff.

300. Thesis. (4-6) Staff.

DEPARTMENT OF PSYCHOLOGY

Professors Haught (Head), Peterson; Associate Professor DuBois,1 Instructor Sterrett.

Group Requirements.—Psychology 1 abL, 51 L, and 121 abL count toward Science and Mathematics (Group IV). In the College of Arts and Sciences, courses 31 and 32 count toward Social Science (Group III).

Major Study.—College of Arts and Sciences: Twenty-four hours in courses numbered above 50.

College of Education: Twenty-seven hours in courses numbered above 50.

1. On leave of absence for the duration.
Clinical Psychology (either College): Twenty-four hours in courses numbered above 50.

Minor Study.—College of Arts and Sciences: Twelve hours in courses numbered above 50.
College of Education: Fifteen hours in courses numbered above 50.

**Primarily for Freshmen**

*1 abL. General Psychology. Yr. (3-3) Credit suspended for 1 abL until 1 bL is completed. Course 1 abL is prerequisite to 1 bL. Two lectures and one laboratory period a week. Mr. Peterson, Miss Sterrett.

*31. Mental Hygiene. (3) Factors in mental health, and the influences tending toward the normal. Miss Sterrett.

*32. Psychology of Personality. (3) The development and nature of personality and character. Miss Sterrett.

**Primarily for Sophomores**

*51 L. General Psychology. (3) An introductory course. Not open to those who have credit for Psychology 1 abL. Two lectures and one laboratory period a week. Mr. Haught, Mr. Peterson, Miss Sterrett.

*52. Fields of Psychology. (3) Systematic schools of psychology, and other topics. Prerequisite: Psychology 1 abL or 51 L. Mr. Peterson.

*54. Educational Psychology. (3) An introductory course. Limited to sophomores. Prerequisite: Psychology 1 abL or 51 L. Miss Sterrett.

*56. Applied Psychology. (3) Applications of psychology to business and the professions. Prerequisite: Psychology 1 abL or 51 L. Mr. DuBois.

**For Juniors, Seniors, and Graduates**

101. Social Psychology. (3) The behavior of individuals as influenced by other human beings. Prerequisite: Psychology 1 abL or 51 L. Mr. Haught.

103. Abnormal Psychology. (3) Prerequisite: Psychology 1 abL or 51 L. Mr. Haught.

121 abL. Experimental Psychology. (3-3) Sensory and motor processes; learning and the higher mental processes. Prerequisite: Psychology 1 abL or 51 L. Mr. Peterson.

181. Educational Tests and Statistics. (3) Prerequisite: Psychology 1 abL or 51 L. Mr. Haught.

183. Educational Psychology. (3) Advanced course. Prerequisite: Psychology 1 abL or 51 L. Mr. Haught.

185. Mental Measurements. (3) Prerequisite: Psychology 1 abL or 51 L. Mr. Haught.

186. Psychology of Exceptional Children. (3) Intellectual and emotional deviations, with emphasis on the psychology of social and educational guidance. Prerequisite: Psychology 1 abL or 51 L. Mr. DuBois.

187. Child Psychology. (3) The principles of human behavior in infancy, childhood, and adolescence. Prerequisite: Psychology 1 abL or 51 L. Mr. DuBois.

188. Classroom Tests. (2) Construction, evaluation, and uses of objective tests. Mr. Haught or Mr. DuBois.

190 L. Clinical Psychology. (3) Clinical practice in the administration of psychological tests; round table discussions of problem
cases. Prerequisite: Psychology 1 ab or 51 L and 185. Seniors or graduates may take 185 at the same time as 190 L. Miss Sterrett.

193. Animal Psychology. (3) A comparative study of heredity, maturation, learning, and the higher mental processes as revealed in various animals. Prerequisite: Psychology 1 ab or 51 L. Mr. Peterson.

193 L. Animal Psychology Laboratory. (2) Mr. Peterson.

196. Physiological Psychology. (3) Correlation of behavior and structure, with emphasis on the nervous system. Prerequisite: Psychology 1 ab or 51 L and 193. Mr. Peterson.

196 L. Physiological Psychology Laboratory. (2) Mr. Peterson.

198. History of Psychology. (3) Prerequisite: Psychology 1 ab or 51 L. Mr. Peterson.

For Graduates Only

251. Problems. (2-3) Staff.

300. Thesis. (2-4) Staff.

DEPARTMENT OF SOCIOLOGY

Associate Professors Walter* (Head), Miller; Assistant Professor Behrendt; Instructor Hutchinson.

Group Requirements.—Courses in this department count toward Social Science (Group III).

Major Study.—Thirty hours, including eighteen hours in courses numbered above 100. Anthropology 55 and 119, Education 109, Government 75, Home Economics 128, and Psychology 101 are accepted for credit in Sociology up to a limit of six hours for students majoring in sociology.

Minor Study.—Eighteen hours, including nine hours in courses numbered above 100.

Primarily for Freshmen and Sophomores

*2. Social Problems. (3) Problems of adjustment to nature, population, health, child welfare, family disorganization, poverty, defective classes, immigration, racial conflicts, crime, and war. Mr. Walter, Mrs. Miller, Mr. Hutchinson.

*4. Principles of Sociology. (3) Introduction to the theories and concepts of sociology. Mr. Walter, Mrs. Miller, Mr. Hutchinson.

51. The Family. (3) The family as a social institution. History of family organization, family behavior, social control of the family, and the family as a type institution. Mr. Hutchinson.


66. Culture Growth. (3) Origins of culture, its diffusion, and criteria of culture growth. Prerequisite: Sociology 65 or permission of instructor. Mrs. Miller.

71. Social Control. (3) The agencies and processes by which groups organize and regulate their members. Prerequisites: Sociology 2 and 4, or 65 and 66, or equivalent. Mrs. Miller.

72. Social Pathology. (3) Diagnosis, remedial and prevention programs in connection with functional failures of society and with
individual impairments or inadequacies which limit social participation. Mrs. Miller.

For Juniors, Seniors, and Graduates

104. Social Planning for Post War Reconstruction. (3) The problems to be met in the post war era, and social planning techniques for handling them. Mr. Hutchinson.

105. Rural Sociology. (3) Special emphasis on the problems of rural New Mexico. Mr. Hutchinson.

106. Urban Sociology. (3) The effects of urbanization on culture and social organization. Prerequisite: Sociology 105 or permission of instructor. Mr. Hutchinson.


111 ab. Social Problems of Latin America. (3-3) a: General sociology: population, land tenure, standard of living, family, education, and public health. b: New social trends: labor, policy, social security, welfare work, agrarian reforms, popular education, inter-American cooperation for social improvements. Prerequisite: Sociology 4 or permission of instructor. Mr. Behrendt.


140. Economic Security. (Same as Economics 140)

152. Advanced Rural Sociology. (3) Government programs affecting the social-economics of agriculture and the welfare of rural people. Mr. Walter.

154. Race and Culture Relations in War Time. (3) Problems of racial and cultural relations in domestic and international situations due to various war activities. Mrs. Miller.

163. Early Social Thought. (3) Prerequisite: Sociology 2 and 4, or 65 and 66, or equivalent. Mr. Walter.

164. Contemporary Social Thought. (3) Prerequisite: Sociology 163 or permission of instructor. Mrs. Miller.

181 ab. Senior Seminar. (3-3) Mrs. Miller.


For Graduates Only

201 ab. Research Methods. (3-3) Staff.

251 ab. Problems. (2-3) Staff.

255 ab. Seminar in Latin American Socio-Economics. (2-2) Mr. Behrendt.

300. Thesis. (4-6) Staff.
COLLEGE OF ENGINEERING

The duties of the engineer are so varied and far-reaching that no single definition adequately portrays his services to the human race. He should, however, be able to apply the laws of nature to the benefit of mankind, to manage and to control technical works and industries, and to apply his scientific training and experience to the political and social problems of his day. Such a variety of work requires men of good character who are well grounded in the fundamentals of the profession of engineering.

It is the purpose of the College of Engineering to train the student in the elements of his branch of engineering, and to develop honesty, loyalty, industry, and thoroughness, so that he may enter the profession of his choice with profit to mankind as well as to himself.

Admission

A detailed statement of entrance requirements will be found under "Admission and Registration." Students entering with less than three units in Mathematics will be required to take Mathematics A or B, or both, in addition to the required courses listed in the curricula.

Scholastic Regulations

Students in the College of Engineering will be governed by the scholastic regulations given under "General Academic Regulations."

Courses of Study

The College of Engineering offers four-year programs of study leading respectively to the degrees of Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical Engineering, Bachelor of Science in Mechanical Engineering, Bachelor of Science in Mechanical Engineering-Aeronautical Option, Bachelor of Science in Mechanical Engineering-Petroleum Option, and Bachelor of Science in Engineering Chemistry. It is also possible to arrange a program of study so that the Bachelor of Arts degree can be obtained in one additional year.

Aeronautical Engineering.—The work in aeronautical engineering is offered as an option in the Department of Mechanical Engineering; however, a complete four-year program of study is offered in this field.

Architectural Engineering.—The Department of Architecture is in the College of Fine Arts. It is possible for a student to work out between the two colleges, two or three years of the course usually required for architectural engineering.

Laboratories and Equipment

Drawing and Design Laboratories.—Three well-equipped rooms in Hadley Hall are provided for all of the drafting room work offered.

Civil Engineering Laboratories.—The department provides for laboratories for road material, building material, and hydraulics, and surveying equipment to be used in all types of elementary and advanced field courses.
The materials testing laboratory is equipped for making tests of cement, concrete, stone, brick, tile, timber, steel, soils, and other material used in engineering practice. Tests are conducted by students to illustrate the properties of these materials. The laboratory is also used for research problems and, to a limited extent, for commercial testing. All equipment and all tests conform to accepted standards of engineering practice.

The hydraulics laboratory is equipped to study the flow of water in open channels, through pipes and orifices, and over weirs, illustrating the principles of hydraulics as used in the theoretical courses and in courses in water supply, sewerage, and drainage.

The highway testing laboratory contains a complete set of equipment for making standard tests on road oils and asphalts, and also machines for testing of gravels used in highway construction.

Field work and office computation in surveying are conducted with modern equipment of the highest grade.

The Materials Laboratories of the New Mexico State Highway Department have been built in space adjoining the Civil Engineering laboratories and contain modern equipment adequate for making all types of tests of road building materials. These laboratories are open for inspection by engineering students and for research work by members of the faculty.

Electrical Engineering Laboratories.—The laboratories of the department consist of a power laboratory, electronics laboratory, and a design room. The total floor space is about 6,000 feet.

The power laboratory is equipped with all the common types of both D.C. and A.C. motors and generators and the necessary manual and automatic starters and controllers for their operation. Special machines such as a rotary converter, adjustable speed A.C. motor, sine-wave and harmonic generators, a Ward-Leonard M-G set, a variable phase, variable frequency alternator, a mercury rectifier and a 2,000 volt D.C. generator are available for tests. Operating and loading devices are available so that all the standard and some of the special tests on both A.C. and D.C. motors and generators can be made.

The transformer section includes a number of standard transformers of various capacities and voltage ratings, and such special types as a constant-current series lighting regulator, a 50,000 volt testing transformer, autotransformers, voltage regulators, etc.

The power for this laboratory is supplied at 2300 volts and then stepped down to 115 and 230 volts. Special transformers supply 440 volt service to the distribution panel. Direct current is supplied by two motor generator sets.

The electronics laboratory occupies 1200 square feet of floor space, and is equipped for the study of vacuum tubes of all types and their applications to communications and industrial control problems. The department owns and operates a short-wave radio station and has recently purchased the facilities formerly used by the U. S. Bureau of Air Commerce for airway communications.

In addition to the equipment mentioned above, the laboratory facilities include a wide variety of instruments, meters, speed measuring devices, instrument transformers, an electromagnetic oscilloscope, two cathode-ray oscilloscopes, oscillators, bridges, and other equipment for use in electric measurements.
Mechanical Engineering Laboratory.—In 1937, the laboratory was moved to new quarters adjacent to the new heating plant. Equipment is provided for experimental work in the fields of heat power, of air and gas flow, and of refrigeration.

In the field of heat power, the laboratory has the following major equipment in addition to auxiliary equipment and necessary instruments:

A steam engine equipped with a Prony brake, two types of valves, and two types of governors.

A steam turbine equipped with an oil relay governor and a water brake. This unit is also connected to a direct current generator for loading.

A surface condenser with a steam-air injector.

A small vertical fire-tube boiler equipped for gas firing.

A 300-h.p. water-tube boiler fired with gas and equipped with forced-draft fan, induced-draft fan, and automatic combustion control.

An electric dynamometer with a Ford V-8 engine and a Dodge engine.

A gasoline engine with a variable compression ratio for fuel research. This unit is also equipped with an electric dynamometer.

Calorimeters for determining the heat value of solid, liquid, and gas fuels.

In the field of air and gas flow, the laboratory is equipped with a steam-driven, two-stage air compressor, an air-flow test set, and recording and indicating meters for measuring the flow of air, steam, and natural gas.

In the field of refrigeration, the laboratory is equipped with a complete test plant including an ammonia compressor, receivers, coolers, heat exchangers, etc.

Aeronautical Engineering Laboratory.—This laboratory is equipped to provide for experimental work in aerodynamics, airplane structures, and aircraft engines. The equipment approved for this laboratory includes aircraft engines, both air cooled and water cooled, wing sections, fuselage sections, air navigation instruments, radio communication equipment, and a wind tunnel to study fluid phenomena.

Petroleum Engineering Laboratory.—The laboratory for this department is housed in the heating plant with the mechanical engineering laboratory. Equipment is available for the study of oil and gas flow, fuel analysis, and lubrication as well as tests on the various types of heat engines and pumps.

Requirements for Graduation

Candidates for the degree of Bachelor of Science in any of the departments must complete all of the work outlined in their respective curricula. Electives, where permitted, are to be chosen with the advice and consent of the dean and of the head of the major department. The course of study for the first year is uniform for all departments. At the end of the freshman year, the student should elect the course which he intends to follow and report his choice to the dean's office.

Students who are required to take English A must do so in addition to the regular courses in English. Two-thirds of the semester hours in the required work must be of C grade or better, and the total
number of grade points in the hours offered for graduation must equal
the total number of hours.

The course in the Department of Naval Science and Tactics may
be substituted during each semester of each school year for the course
in Physical Education. The course in Naval Science may also be sub­
stituted for the subject in each of the curricula marked with an “n,”
or as prescribed in individual cases by the dean.

Curricula Offered by the College of Engineering

Courses of Study for All Engineering Students

Freshman Courses

<table>
<thead>
<tr>
<th>First Half</th>
<th>Second Half</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 18 a Math for Engrs</td>
<td>Math 18 b Math for Engrs</td>
</tr>
<tr>
<td>Chem 1 a &amp; 1 aL Inorg &amp; Lab</td>
<td>Chem 1 b &amp; 1 bL Inorg &amp; Lab</td>
</tr>
<tr>
<td>Engl 1 a English Comp</td>
<td>English 1 b English Comp</td>
</tr>
<tr>
<td>Engr 1aL Engr Draw &amp; Desc Geom</td>
<td>Engr 1 bL Engr Draw &amp; Desc Geom</td>
</tr>
<tr>
<td>a Engr 2 aL Intro to</td>
<td>a Engr 2 bL Intro to</td>
</tr>
<tr>
<td>a Physical Educ.</td>
<td>a Physical Educ.</td>
</tr>
<tr>
<td>a N.R.O.T.C</td>
<td>a N.R.O.T.C.</td>
</tr>
</tbody>
</table>

a The Naval R.O.T.C. courses may be substituted for Engr 2ab and P.E.

Note: Students who do not meet the entrance requirements in
mathematics will be required to take Math A or B, or both, in addi­
tion to the above.

Curriculum Leading to the Degree of Bachelor of Science in Civil
Engineering.—

Sophomore Courses

<table>
<thead>
<tr>
<th>First Half</th>
<th>Second Half</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 53 a Intro to the Calc</td>
<td>Math 53 b Intro to the Calc</td>
</tr>
<tr>
<td>Physics 41 a &amp; 41 aL Gen &amp; Lab</td>
<td>Physics 41 b &amp; 41 bL Gen &amp; Lab</td>
</tr>
<tr>
<td>Engl 64 a Technical Writing</td>
<td>C. E. 56 L Adv Surveying</td>
</tr>
<tr>
<td>C. E. 55 L Surveying</td>
<td>a Electives</td>
</tr>
<tr>
<td>a Electives</td>
<td>a P. E.</td>
</tr>
<tr>
<td>a P. E.</td>
<td></td>
</tr>
</tbody>
</table>

Junior Courses

| Engr. 101 Mechanics                            | Engr 102 Str of Materials                      |
|                                                | Engr. 104 L Str. of Mater Lab                  |
| M. E. 101 Heat Power Engr                      | C. E. 110 Hydraulics                           |
| C. E. 104 L Curves & Earthwork                 | C. E. 178 L Hydraulics Lab                     |
| C. E. 118 L Highway Engr                       | C. E. 115 L Masonry Materials                  |
| a Electives                                    | a Electives                                    |
| C. E. 157 F Field School                       |                                                |

Senior Courses

| Engr 151 Seminar                                | Engr 159 Contr & Specifications                |
| Engr 111 Engr Economy                          | C. E. 160 L Design of Structures               |
| C. E. 150 L Rein Concrete Design               | E. E. 106 L Elems of E. E.                     |
| C. E. 162 aL Municipal Engr                    | C. E. 162 bL Municipal Engr                    |
| C. E. 167 L Soils                              | a Electives                                    |
| a Electives                                    |                                                |

Curriculum Leading to the Degree of Bachelor of Science in
Electrical Engineering.—

Sophomore Courses

<table>
<thead>
<tr>
<th>First Half</th>
<th>Second Half</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 53 a Intro to the Calc</td>
<td>Math 53 b Intro to the Calc</td>
</tr>
<tr>
<td>Physics 41 a &amp; 41 aL Gen &amp; Lab</td>
<td>E. E. 52 Surv of Electrical Engr</td>
</tr>
<tr>
<td>Econ 105 Prin of Econ</td>
<td>Physics 41 b &amp; 41 bL Gen &amp; Lab</td>
</tr>
<tr>
<td>Engl 64 a Technical Writing</td>
<td>Engl 64 b Technical Writing</td>
</tr>
<tr>
<td>a Electives</td>
<td>a Electives</td>
</tr>
<tr>
<td>a P. E.</td>
<td>a P. E.</td>
</tr>
</tbody>
</table>

a Or Naval R.O.T.C.
100 J THE UNIVERSITY OF NEW MEXICO

### Junior Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. E. 101</td>
<td>M. E. 103 L Heat-Power Lab</td>
<td>2</td>
</tr>
<tr>
<td>Physics 111</td>
<td>Engr 102 Str of Materials</td>
<td>4</td>
</tr>
<tr>
<td>Engr 101 Mechanics</td>
<td>E. E. 102 L Th of Alt Curr</td>
<td>4</td>
</tr>
<tr>
<td>E. E. 101</td>
<td>E. E. 132 L Electronics</td>
<td>4</td>
</tr>
<tr>
<td>Dir Curr &amp; Mach</td>
<td>Electives</td>
<td>3</td>
</tr>
</tbody>
</table>

### Senior Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engr. 151 Seminar</td>
<td>E. E. 151 L Alt Curr Mach</td>
<td>4</td>
</tr>
<tr>
<td>E. E. 151 L Alt Curr Mach</td>
<td>E. E. 161 L Design of Elec Mach</td>
<td>2</td>
</tr>
<tr>
<td>E. E. 161 L Design of Elec Mach</td>
<td>E. E. 171 Industrial Applications</td>
<td>3</td>
</tr>
<tr>
<td>E. E. 196 Power Trans &amp; Dist</td>
<td>Engr. 152 Contr &amp; Specifications</td>
<td>2</td>
</tr>
</tbody>
</table>

### Power Option

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. E. 186 Generating Stations</td>
<td>Electives</td>
<td>3</td>
</tr>
</tbody>
</table>

### Communication Option

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. E. 191 L Radio Telephony</td>
<td>Electives</td>
<td>6</td>
</tr>
</tbody>
</table>

### Curriculum Leading to the Degree of Bachelor of Science in Mechanical Engineering.

### Sophomore Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 53 a</td>
<td>Math 53 b Intro to the Calc</td>
<td>4</td>
</tr>
<tr>
<td>Intro to the Calc</td>
<td>Physics 41 b &amp; 41 L Gen Phys &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>Physics 41 a &amp; 41 L Gen Phys &amp; Lab</td>
<td>Engl 64 b Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>Engr. 53 Shop Methods</td>
<td>Engr 53 Electives</td>
<td>3</td>
</tr>
<tr>
<td>Econ 105, Principles of Economics</td>
<td>Electives</td>
<td>3</td>
</tr>
<tr>
<td>P. E.</td>
<td>P. E.</td>
<td>1</td>
</tr>
</tbody>
</table>

### Junior Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engr 151 Seminar</td>
<td>M. E. 102 L Thermodynamics</td>
<td>4</td>
</tr>
<tr>
<td>M. E. 101 Heat Power Engr</td>
<td>M. E. 103 L Heat Power Lab</td>
<td>2</td>
</tr>
<tr>
<td>M. E. 103 L Heat Power Lab</td>
<td>E. E. 106 L Elect Applications</td>
<td>3</td>
</tr>
<tr>
<td>M. E. 114 L Mechanisms</td>
<td>M. E. 111—Eng. Economy</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>Electives</td>
<td>3</td>
</tr>
</tbody>
</table>

### Senior Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engr. 151 Seminar</td>
<td>C. E. 173 L Hydraulics Lab</td>
<td>1</td>
</tr>
<tr>
<td>M. E. 151 L Mech Engr Lab</td>
<td>M. E. 151 L Mech Engr Lab</td>
<td>2</td>
</tr>
<tr>
<td>M. E. 155 Power Plants</td>
<td>M. E. 156 Industrial Engr</td>
<td>3</td>
</tr>
<tr>
<td>M. E. 156 Internal Comb Engines</td>
<td>M. E. 152 L Air Conditioning</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>Electives</td>
<td>3</td>
</tr>
</tbody>
</table>

### Aeronautical Option

#### Senior Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engr. 151 Seminar</td>
<td>C. E. 173 L Hydraulics Lab</td>
<td>1</td>
</tr>
<tr>
<td>M. E. 151 L Mech Engr Lab</td>
<td>M. E. 151 L Mech Engr Lab</td>
<td>2</td>
</tr>
<tr>
<td>M. E. 167 Aerodynamics</td>
<td>M. E. 156 Industrial Engineering</td>
<td>3</td>
</tr>
<tr>
<td>M. E. 168 General Aeronautics</td>
<td>M. E. 171 L Airplane Structures</td>
<td>5</td>
</tr>
<tr>
<td>Electives</td>
<td>Electives</td>
<td>3</td>
</tr>
</tbody>
</table>

### Petroleum Production Option

#### Sophomore Courses

Substitute Geol. 1, 5 L and 2, 6 L for M. E. 52 L and Engr. 53. Take Chem. 51 and 52 abL and an elective before graduation.

* Or Naval R.O.T.C.
### Senior Courses

<table>
<thead>
<tr>
<th>Course Numbering</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>E 153</td>
<td>Machine Design</td>
</tr>
<tr>
<td>E 160</td>
<td>Internal Comb Engines</td>
</tr>
<tr>
<td>Electives</td>
<td>8</td>
</tr>
</tbody>
</table>

### Curriculum Leading to the Degree of Bachelor of Science in Engineering Chemistry.

### Sophomore Courses

**First Half**

<table>
<thead>
<tr>
<th>Course Numbering</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 53 a</td>
<td>Intro to the Calc</td>
</tr>
<tr>
<td>Math 52 a</td>
<td>Quant Anal</td>
</tr>
<tr>
<td>Engl 64</td>
<td>Technical Writing</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

**Second Half**

<table>
<thead>
<tr>
<th>Course Numbering</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 53 b</td>
<td>Intro to the Calc</td>
</tr>
<tr>
<td>Math 52 b</td>
<td>Quant Anal</td>
</tr>
<tr>
<td>Engl 64</td>
<td>Technical Writing</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

### Junior Courses

<table>
<thead>
<tr>
<th>Course Numbering</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>E 101</td>
<td>Mechanics</td>
</tr>
<tr>
<td>M. E. 101</td>
<td>Heat Power Engr</td>
</tr>
<tr>
<td>M. E. 103</td>
<td>Heat Power Lab</td>
</tr>
<tr>
<td>Chem 102</td>
<td>Organic Chem</td>
</tr>
<tr>
<td>Chem 113</td>
<td>Industrial Chem</td>
</tr>
<tr>
<td>Elective</td>
<td>2-3</td>
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</table>

### Senior Courses

<table>
<thead>
<tr>
<th>Course Numbering</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chem 106</td>
<td>Surv of Phys Chem</td>
</tr>
<tr>
<td>Chem 152</td>
<td>Adv Quant Analysis</td>
</tr>
<tr>
<td>M. E. 154</td>
<td>Mech Engr Lab</td>
</tr>
<tr>
<td>E. E. 106</td>
<td>Elect Applications</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
</tr>
</tbody>
</table>

### COLLEGE OF ENGINEERING

**Departments of Instruction**

Course Numbering: from 1-50, lower division, normally open to freshmen; from 51-100, lower division, normally open to sophomores; from 101-200, upper division, normally open to juniors and seniors.

Symbols used in course descriptions:

- ab or cd—course offered throughout two semesters
- L—part of the course is laboratory work
- F—course is given during field session
- SS—course offered in eight weeks’ summer session only
- Yr—course offered throughout two semesters and credit for a single semester’s work is suspended until the entire course is completed
- *—course open to General College students
- ( )—credit value for each course for each semester
- [ ]—former course number or title

A schedule of course offerings, including hours of meeting, is issued at the opening of each session.

Because of war conditions, the University reserves the right to cancel any listed course or to make a substitution in instructors if necessary.

* Or Naval R.O.T.C.
DEPARTMENTS OF ENGINEERING

Professors Farris (Dean), Dorroh, Ford; Associate Professors Tapy, Wagner, Hume; Assistant Professors Jones, Bergan, Heimerich, Reynolds.

GENERAL COURSES IN ENGINEERING

*1 abL. Engineering Drawing and Descriptive Geometry. (3-3) The essentials of drafting including the use of instruments, lettering, projecting, sections, developments, isometric drawing, and working drawings and the theory and science of engineering drawing. Approved drawing equipment required. Mr. Heimerich.

*2 abL. Introduction to Engineering. (2-2) Orientation and Engineering problems. Mr. Wagner, Mr. Ford, Mr. Tapy.

*53. Engineering Materials. (3) Characteristics of metals, alloys, wood, and concrete, and of the manufacture and heat treatment of iron and steel. Prerequisite or co-requisite: Chemistry 1 b, 1 bL. Mr. Ford.


104 L. Strength of Materials Laboratory. (2) Co-requisite: Engineering 102. Mr. Dorroh.

111. Engineering Economy. (2) Prerequisite: junior standing. Mr. Jones.

151. Seminar. (1) Prerequisite: senior standing. Mr. Tapy.

152. Contracts and Specifications. (2) The law governing engineering practice. Prerequisite: senior standing. Mr. Dorroh.

DEPARTMENT OF CIVIL ENGINEERING

*55 L. Surveying. (3) Plane surveying, including the theory and use of the chain, tape, compass, transit, and level. Prerequisite: Mathematics 18 b. Mr. Wagner.

56 L. Advanced Surveying. (4) Topographic methods including the theory and use of the plane table, barometer, and sextant; hydrographic and aerial surveying; geodetic triangulation; and astronomical observations. Prerequisite: C. E. 55 L. Mr. Wagner.

104 L. Curves and Earthwork. (4) The principles involved in the economic location of railroads and highways. Prerequisite: C. E. 56 L. Mr. Wagner.

110. Hydraulics. (3) Elementary theory, including hydrostatics and hydrodynamics. Prerequisite: Math. 53 b and Physics 41 ab and 41 abL. Mr. Wagner.

115 L. Masonry Materials. (3) The manufacture and properties of lime, clay products, and cement; occurrence and properties of stone, sand, and gravel; design and tests of concrete and mortars. Prerequisite: junior standing. Mr. Wagner.

118 L. Highway Engineering. (3) Location, construction, maintenance, cost, durability, and methods of financing all types of country roads and city pavements. Prerequisite: C. E. 56 L. Mr. Wagner.

157 F. Field Surveying. (2) Summer camp, two weeks. Practice in topographic surveying. Complete surveys of projects are made and the notes used for mapping. Prerequisite: C. E. 56 L. Mr. Wagner.
COLLEGE OF ENGINEERING

159 L. Reinforced Concrete Design. (5) Prerequisite: Engineering 102. Mr. Hume.

160 L. Design of Structures. (5) Timber and steel. Prerequisite: C. E. 159 L. Mr. Dorroh.

162 abL. Municipal Engineering. (2-3) Street design, water supply, storm and sanitary sewers, water treatment plant, and sewerage treatment plant. Prerequisites: C. E. 110 and C. E. 118 L. Mr. Wagner.

167 L. Soils. (3) Engineering properties and treatment of soils. Prerequisite: senior standing. Mr. Wagner.

173 L. Hydraulics Laboratory. (1) Co-requisite: C. E. 110. Mr. Wagner. Mr. Dorroh.

Electives

One of these courses may be given each year; others, if demand is sufficient.

184. Water Power. (3) Prerequisite: C. E. 110. Staff.

186. Highway Administration and Finance. (3) Selection and improvement, maintenance, and financing of highway systems. Prerequisite: senior standing. Staff.

DEPARTMENT OF ELECTRICAL ENGINEERING

52. Survey of Electrical Engineering. (3) Problems in power, communication, and illumination. Prerequisite: Mathematics 18 b. Mr. Jones.


105 L. Elements of Electrical Engineering. (4) Electrical circuits and machines stressing applications. Prerequisites: Mathematics 53 b and Physics 41 bL. Mr. Jones.

106 abL. Electrical Applications. (3-3) Theory and applications of D. C. and A. C. motors, generators, and transformers. Prerequisites: Mathematics 53 b and Physics 41 bL. Mr. Jones. Mr. Tapy.

132 L. Electronics. (4) Theories of ionization; current flow in ionized regions; thermionic, photoelectric, and other types of electron emission; characteristics and application of electron tubes. Co-requisite: E. E. 102 L. Mr. Jones.

151 abL. Alternating Current Machinery. (4-4) Prerequisite: E. E. 102 L. Mr. Tapy.

161 abL. Design of Electrical Machinery. (2-2) Prerequisite: E. E. 102 L. Mr. Tapy. May be taken with, but may not precede, E. E. 151 abL. Mr. Tapy.

171. Industrial Applications. (3) Characteristics of electrical machinery and their applications; control circuits. Prerequisites: E. E. 151 aL or 106 abL. Mr. Tapy.

186. Generating Stations. (3) The engineering and economic considerations governing the location, design, and operation of electric power plants, and the elementary principles of corporate finance and rate-making. Prerequisites: Economics 105. and E. E. 151 aL. Mr. Tapy.
191 L. Radio Telephony. (4) Theoretical and practical considerations of apparatus used in radio and telephone communications. Emphasis is placed on elementary theory of electromagnetic wave radiation, antenna and transmission line design. Prerequisite: E. E. 132 L. Mr. Jones.

196. Power Transmission and Distribution. (3) Electrical and mechanical characteristics; economics of transmission and distribution systems. Prerequisite: E. E. 151 aL. Mr. Tapy.

DEPARTMENT OF MECHANICAL ENGINEERING

52 L. Shop Methods. (3) A study of the shop equipment used in working engineering materials. Mr. Ford.

101. Heat Power Engineering. (3) Theory and characteristics of heat engines and heat power equipment. Prerequisites: Mathematics 53 b and Chemistry 1 b and 1 bL. Mr. Bergan.

102. Thermodynamics. (3) Prerequisite: M. E. 101. Mr. Ford.

103 L. Heat Power Laboratory. (2) Prerequisite or co-requisite: M. E. 101. Mr. Bergan.

114 L. Mechanisms. (3) Displacements, velocities, and accelerations of such machine elements as links, cams, gears, chains. Prerequisite: Engineering 1 bL. Mr. Farris.

151 abL. Mechanical Engineering Laboratory. (2-2) Tests of boilers, engines, turbines, fans, compressors, and pumps; internal combustion engines, and refrigerating equipment. Prerequisite: M. E. 102. Mr. Ford.


155. Power Plants. (3) Types and equipment. Prerequisite: M. E. 102. Mr. Ford.

156. Industrial Engineering. (3) The principles of management applied to the general operation of engineering projects and manufacturing plants. Prerequisite: senior standing. Mr. Farris.

160. Internal Combustion Engines. (3) Theories of Otto and Diesel type engines. Prerequisite: M. E. 102. Mr. Ford.

162 L. Air Conditioning. (3) Prerequisite: M. E. 102. Mr. Ford.

167. Aerodynamics. (3) Application of the fundamental principles of mechanics and hydrodynamics to the study of airplane design and performance. Prerequisite: Engr. 102. Mr. Reynolds.

168. General Aeronautics. (2) Basic principles of aeronautics as applied to the airplane and airship. Prerequisite: Engineering 101. Mr. Reynolds.

171 L. Airplane Structures. (5) Application of fundamental principles of structural theory to practical airplane design. Prerequisites: M. E. 102, 167 and 168. Mr. Reynolds.

181 ab. Petroleum Production. (3-3) Oil field development methods of drilling and oil recovery, preliminary refining, storage, and transportation. Prerequisite: senior standing. Mr. Ford.
COLLEGE OF EDUCATION

Purpose

The purpose of the College of Education is to correlate the forces of the University in order to meet the needs of the state in the preparation, training, and certification of teachers, supervisors, and administrators. The college sets for itself these tasks: the thorough training of elementary and high school teachers and of supervisory and administrative officers; the provision of courses in the various fields of education, and of opportunities for research.

The curricula are based upon the assumption that the teacher or supervisory officer should have a broad and liberal education; that he should be master of the subject or group of subjects that he expects to teach; and that his training should be supplemented by professional education designed to give a knowledge of the pupils to be taught, the problems to be met in teaching, and the new meaning of the subjects of instruction. For the prospective teacher this policy has the effect of placing the emphasis upon the subjects he intends to teach. It is advisable for supervisors and school executives, however, to major in educational administration.

Standards

Graduation from the College of Education meets the requirements of the New Mexico State Board of Education for certification of high school and elementary teachers, and the recommendations of the North Central Association of Colleges and Secondary Schools as to professional subjects in education, and the proper subject matter courses for purposes of high school teaching. Because of the tendency in various states to increase the number of credit hours in education for certification, students are advised to secure credit in not less than twenty-four semester hours in education, including general psychology.

Principles Governing the College of Education in Its Teacher Education Program

1. The direction of the programs of all students expecting to receive a Bachelor's degree in Education should be under the supervision of the College of Education.

2. Although it shall be the general policy of the College of Education to accept the recommendation of the department concerned, the College of Education reserves the right of final approval of the specific courses within fields as suitable majors or minors for students enrolled in the College of Education.

3. It is the policy of the College of Education to accept the best professional advice available in determining the specific courses that should be accepted for credit toward a major or minor.

4. All courses in educational methods are to be taught by persons approved by the dean of the College of Education.

5. Since opportunities for teaching art and music as fine arts in the public schools are limited, we do not favor the giving of majors or minors in these fields. For those students who desire to prepare themselves to teach music or art in the elementary, junior high, and senior
high schools, majors in Music Education and Art Education are offered.

6. Instructors teaching courses in both methods and subject matter courses are considered members of the faculty of the College of Education as well as of the college in which the subject matter courses are represented.

Admission

For the quantitative requirements for admission to the College of Education, see "Admission and Registration."

In the admission of applicants to the College of Education, the following points will be considered: (1) Good moral character, (2) Physical and intellectual fitness, and (3) Personal qualities necessary for success in some field of education.

Graduates of the standard (two-year) curriculum for state teachers' colleges, who had been graduated previously from a four-year high school (covering requirements for entrance to the freshman class in this institution), are accorded 62 semester hours credit, including 16 semester hours in education and psychology. Work done after completion of a two-year course will be considered on its merits.

A student intending to prepare for teaching should register in the College of Education, in order that he may be educationally guided, and be enabled to make the necessary professional adjustments.

Maximum Number of Hours

No student in this College may enroll for more than 17 semester hours, plus one hour physical education (or military drill in the case of N.R.O.T.C. students), unless his standing for the previous semester was at least B in two-thirds of his studies, with no grade below C; and then only by presenting a written petition to the Committee on Scholarship, which may, in its discretion, grant permission to enroll for extra work up to a maximum of 19 hours.

Extra-Curricular Activities for Teachers

In choosing teachers, principals and superintendents are always anxious to find candidates who are able to handle extra-curricular activities, or who have developed some particular ability which will contribute to the life of the school. From the point of view of getting a position and becoming indispensable after the position has been secured, such specialized abilities as those which enable teachers to direct glee clubs, coach athletic and debating teams, manage student publications, and sponsor school clubs of various kinds, are extremely important. There are many opportunities at the University for securing training and experience in these fields. It is strongly recommended that prospective teachers take advantage of them.

Practice Teaching Facilities

The College of Education has made arrangements with the Albuquerque public school authorities whereby student teaching is carried on under the personal direction of selected teachers, who act as critic teachers under the general direction of a professor of education in the College of Education.

The facilities of the city school system furnish an excellent opportunity for students to work in a practical laboratory where the
principles and best practice in teaching can be exemplified and applied. The practice teaching is correlated with the subjects taught in the University.

Laboratories

Laboratory for the Department of Secondary Education.—The facilities of the Department of Secondary Education have been materially increased by the equipment of a workroom, or laboratory, in which will center all work connected with the professional training of high school teachers. The major publishing houses are keeping this room supplied with textbooks and other materials of secondary education with which students will wish to become familiar. Here, too, will be found various types of research materials for students in this department.

Laboratory and Materials for the Department of Elementary Education.—A large workroom is available for students. It is equipped with apparatus and materials to assist in constructing units of work for practice teaching and classwork. A laboratory in commercial education is now available for those who are preparing to teach in that field. This laboratory has been added to meet a recognized need in the public schools.

Longfellow School.—Through a co-operative arrangement with the Albuquerque Public Schools, the University is enabled to use the Longfellow School for demonstration and practice teaching. Here in typical situations the beginning teacher is assisted in solving her problems by experienced critic teachers. The work is under the direction of the principal, and director of practice teaching of the College of Education.

Placement Bureau

A placement bureau, one function of which is to assist students and graduates of the University in obtaining positions in the teaching profession, is maintained by the University. The bureau aims to keep on file a complete record of the scholarship, experience, and personal qualifications of each candidate for a position. Copies of these records will be mailed to school officials at their request. The University reserves the right to refuse to extend its cooperation to students who apply for positions for which they are manifestly unfit.

Blanks for registration may be obtained from the Placement Bureau. Registration should be renewed yearly, preferably during February or March. Communications should be addressed to the Placement Bureau.

Scholarship Regulations

Scholarship regulations for Freshmen and Sophomores are as follows:

Probation.—A student is placed on probation at the end of any semester or summer session when the total number of points earned in university work drops below three-fourths of the total number of hours for which the student has registered.* Hours given the mark of W will be excluded from this computation.

Suspension (General).—A student will be recommended for suspension at the end of any semester or summer session when he is placed on probation for the second successive time.

*Exclusive of hours in required P. E. and ensemble music.
Suspension (Juniors and Seniors).—It is the opinion of the faculty of the College of Education that candidates for the teaching profession should maintain at least an average scholarship record. Therefore, beginning with the junior year, a student will be recommended for suspension from the College of Education at the end of any semester or summer session when the total number of points earned in university work drops below the total number of hours for which the student has been registered. Hours given a mark of W will be excluded from this computation.

Requirements for Graduation

Upon the completion of all specified requirements, candidates for degrees in the College of Education who major in commercial work, educational administration, home economics, mathematics, or a science, receive the degree of Bachelor of Science in Education; those who major in physical education receive the degree of Bachelor of Science in Physical Education, and those who major in other subjects receive the degree of Bachelor of Arts in Education.

Candidates for degrees in the College of Education are required to comply with the following regulations:

1. Students who plan to be high school teachers should complete a major and a minor in subjects usually taught in high schools.

2. A major is the principal subject which the student desires to teach in high school. It consists of a minimum of twenty-four semester hours above freshman grade in the subject selected. It must be chosen with the advice of the dean.

   A minor should be selected in a subject which the student plans to teach, and whenever possible, the student should secure a second minor. The specific requirements for majors and minors are listed under the several departments; the work in these fields must be of at least C quality, and courses in which the grade of D is earned are accepted only as electives.

3. It is often necessary for the teacher of science to teach classes in more than one field. The same is true of teachers of social science. This makes it impossible for students to make adequate preparation for teaching in these fields by completing a major in any one department of the University.

   Therefore, students preparing to teach in one of these fields will be permitted to complete either a general Major in Science or a general Major in Social Science as follows:

A. Major in Science in Secondary Education

   The major in science shall consist of 48 hours, including freshman courses, in the Departments of Biology, Chemistry, Geology, and Physics. The student shall offer a minimum of 12 hours in each of three of these departments. No minor is required, but one is strongly recommended. Survey courses will not be accepted toward the major. Necessary deviation from the rule requiring 40 hours above 100 will be approved in individual cases.

B. Major in Social Studies in Secondary Education

   Students preparing to teach the social studies in secondary schools may be permitted to offer a major in general social studies. Such
general social studies major shall consist of at least 48 hours, including freshman courses, of which 18 hours must be in the Department of History, 9 hours in the Departments of Government and Citizenship and Economics, 9 hours in the Departments of Sociology, Anthropology, and Geography, and 12 hours in electives from social studies departments. No minor is required with the general social studies major, but one is strongly recommended.

C. Major in Social Studies in Elementary Education

Students preparing to teach in elementary schools may be permitted to offer a major in general social studies. Such general social studies major shall consist of at least 45 hours, including freshman courses, of which 15 hours shall be in the Departments of History and Government and Citizenship; 15 hours in the Departments of Geography, Anthropology, and Geology; and 15 hours in the Departments of Sociology, Economics, and Psychology, including Psychology 51 L and 54. Not more than 9 hours shall be offered in any one department. No minor is required with the general social studies major.

4. The demand for teachers of commercial subjects has steadily increased in recent years. Students preparing to teach in high school may now offer a major or minor in this field. Upon graduation, they will receive the degree of Bachelor of Science in Education.

5. Students who intend to take the four-year curriculum for elementary school teaching are advised to select their majors from the following fields: English, history, biology, anthropology, geology, sociology, and social studies.

6. Students preparing to teach should follow the curriculum as outlined. A minimum of 128 semester hours, including physical education (or equivalent N.R.O.T.C. credits), is required for graduation. This amount is based upon an average quality of work done. Ninety hours of the total must be C grade or better, and, in addition, students transferred from other institutions must make a grade of C or better in three-fourths of the hours earned in the University of New Mexico.

7. In addition to the required work in majors and minors, professional courses in education are required as outlined in the various curricula. All candidates for degrees are required to take a course in observation and practice teaching.

8. Students who desire to prepare for administrative or supervisory positions should major in the curriculum for administrators and supervisors, and should minor in some subject which has bearing upon their chosen field of work.

9. Each candidate for a degree must complete at least 40 semester hours in courses numbered above 100.

10. No student shall be recommended for graduation unless he shows ability to write clear and correct English.

11. For minimum residence requirements, see “Degree Requirements.”

Group Requirements

Students must complete the following requirements in the various groups. As much of this work as possible should be done in the freshman and sophomore years, and professional work and major and minor requirements should be completed in the junior and senior years. For
required courses in physical education, see "Graduation Requirements."

I. English.—As evidence of proficiency in oral and written English a student must earn 12 semester hours. Six hours must be earned in English 1ab and 6 additional hours must be earned in courses numbered above 50. (In the elementary curriculum, these additional hours must be in literature.)

II. Foreign Language.—A student who has been admitted with no credit in a foreign language, or who begins a language in which he has done no work in high school is required to complete four semesters or twelve hours credit in one foreign language.

Other students continuing a language begun in high school will be tested and assigned to courses according to ability shown. Such students will then complete the remainder of the twelve hours required. Substitutions may be made as follows:

1. Administrators and supervisors may substitute an equal number of hours of professional subjects.
2. High school and elementary teachers may substitute an equal number of hours in their major and minor fields in addition to the regular requirements. This additional work must be of C grade or better.

III. Social Studies.—Nine semester hours (not more than 6 from one department) must be completed in approved courses in the Departments of Anthropology, Economics, History, Government and Citizenship, Philosophy, or Sociology. A student admitted with less than one unit in social science is required to complete 12 hours in this group.

IV. Mathematics and Sciences.—Eleven semester hours (not more than 8 from one department, and including 6 hours in courses that require laboratory work) must be completed in approved courses in the Departments of Biology, Chemistry, Geology, Home Economics, Mathematics, Physics, or Psychology. A student admitted with high school deficiencies in both mathematics and science is required to complete a total of 17 hours in this group.

Curricula

The following curricula have been outlined for the purpose of directing students in their chosen fields of work. There are curricula for students preparing to teach in high schools, and for students who wish to teach in the elementary schools. Courses are also outlined for students who plan to leave the University at the end of the second year and qualify for the Professional Elementary Certificate.

Special curricula are provided for students preparing to teach art, music, physical education, or home economics in public schools.

The course in the Department of Naval Science and Tactics may be substituted during each semester of each school year for courses in required Physical Education. The course in Naval Science may also be substituted for courses in each of the curricula as prescribed by the dean.

*For approved courses, see Departments of Instruction.
**Curriculum for Students Preparing to Teach in High School.—**
(Leading to the degree of Bachelor of Arts in Education or Bachelor of Science in Education.)

### Freshman Courses

<table>
<thead>
<tr>
<th>First Half</th>
<th>Second Half</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1a</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics or Science</td>
<td>3-4</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>†Foreign Language</td>
<td>3</td>
</tr>
<tr>
<td>Education 81</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
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### Sophomore Courses

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>English</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Psychology 51 L</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>†Foreign Language</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
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### Junior Courses

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>†Education 101</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>†Education 107</td>
<td>2</td>
<td>Education 153</td>
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<tr>
<td>†Education 141</td>
<td>3</td>
<td>†Teachers’ Course</td>
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</tr>
<tr>
<td>†Majors and Minors</td>
<td>8-9</td>
<td>†Majors and Minors</td>
<td>10-11</td>
</tr>
</tbody>
</table>

### Senior Courses

<table>
<thead>
<tr>
<th></th>
<th>3</th>
<th>†Majors and Minors</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>†Teachers’ Course</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>†Majors and Minors</td>
<td>13</td>
<td></td>
<td>11</td>
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</tbody>
</table>

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**Curricula for Students Preparing to Teach in the Elementary Schools.—**
(Leading to the degree of Bachelor of Arts in Education or Bachelor of Science in Education.)

### Freshman Courses

<table>
<thead>
<tr>
<th>First Half</th>
<th>Second Half</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1a</td>
<td>3</td>
</tr>
<tr>
<td>Education 31</td>
<td>2</td>
</tr>
<tr>
<td>†Foreign Language</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics or Science</td>
<td>3-4</td>
</tr>
<tr>
<td>Social Studies</td>
<td>8</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
</tbody>
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### Sophomore Courses

<table>
<thead>
<tr>
<th></th>
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<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Psychology 51 L</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education 61</td>
<td>3</td>
<td>Education 62</td>
<td>3</td>
</tr>
<tr>
<td>†Foreign Language</td>
<td></td>
<td>†Foreign Language</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics 1</td>
<td>2</td>
<td>Health Education</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Physical Education</td>
<td>1</td>
</tr>
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</table>

### Junior Courses

<table>
<thead>
<tr>
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<th>2</th>
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<th>2</th>
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</thead>
<tbody>
<tr>
<td>Education 107</td>
<td></td>
<td>Education 174</td>
<td></td>
</tr>
<tr>
<td>Education 91 or 131</td>
<td>2-3</td>
<td>Majors and Minors</td>
<td>12-14</td>
</tr>
<tr>
<td>Majors and Minors</td>
<td>10-12</td>
<td></td>
<td></td>
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### Senior Courses

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Education 123</td>
<td></td>
<td>Education 136</td>
<td>5</td>
</tr>
<tr>
<td>Majors and Minors</td>
<td>12-14</td>
<td></td>
<td>8-10</td>
</tr>
</tbody>
</table>

† For substitution see Group Requirements for Graduation.
‡ If not taken during the sophomore year, an advanced course must be substituted according to the advice of the dean.
* One of these courses is required.
|| Not required for graduation, but for state certification.
¶ For required courses see Departments of Instruction.
§ One teacher’s course, according to the advice of the dean.
Students who plan to leave the University at the end of their second year to teach in the elementary schools of New Mexico should take the following courses:

**Freshman Courses**

<table>
<thead>
<tr>
<th>First Half</th>
<th>Second Half</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1 a</td>
<td>English 1 b</td>
</tr>
<tr>
<td>Education 31</td>
<td>Education 42</td>
</tr>
<tr>
<td>*Foreign Language</td>
<td>*Foreign Language</td>
</tr>
<tr>
<td>Mathematics or Science</td>
<td>Mathematics or Science</td>
</tr>
<tr>
<td>Social Studies</td>
<td>Social Studies</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education</td>
</tr>
</tbody>
</table>

**Sophomore Courses**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature</td>
<td>English Literature</td>
</tr>
<tr>
<td>Psychology 61 L</td>
<td>Education 54 (Psychology)</td>
</tr>
<tr>
<td>Education 91 or 131</td>
<td>Health Education</td>
</tr>
<tr>
<td>Education 61</td>
<td>Education 62</td>
</tr>
<tr>
<td>Mathematics 1</td>
<td>Physical Education</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education</td>
</tr>
</tbody>
</table>

Curricula for Men Students Preparing to be Physical Education Directors in High Schools.—Outlined for men preparing to teach physical education. This curriculum leads to the degree of Bachelor of Science in Physical Education.

**Freshman Courses**

<table>
<thead>
<tr>
<th>First Half</th>
<th>Second Half</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1 a</td>
<td>English 1 b</td>
</tr>
<tr>
<td>§Chem 1 aL</td>
<td>Biology 2 L</td>
</tr>
<tr>
<td>Education 31</td>
<td>§Chem 1 bL</td>
</tr>
<tr>
<td>Sociology</td>
<td>Sociology</td>
</tr>
<tr>
<td>Physical Education M</td>
<td>Physical Education 22 L</td>
</tr>
<tr>
<td>Elective</td>
<td>Physical Education M</td>
</tr>
</tbody>
</table>

**Sophomore Courses**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English 55</td>
<td>English 58</td>
</tr>
<tr>
<td>Psychology 51 L</td>
<td>Education 54</td>
</tr>
<tr>
<td>Physical Education 61 L</td>
<td>Physical Education 62 L</td>
</tr>
<tr>
<td>Health Education 72</td>
<td>Physical Education 41 L</td>
</tr>
<tr>
<td>Physical Education 40 L</td>
<td>Physical Education M</td>
</tr>
<tr>
<td>Physical Education M</td>
<td>Chemistry 40 bL</td>
</tr>
<tr>
<td>§Chemistry 40 aL</td>
<td>Biology 36</td>
</tr>
</tbody>
</table>

**Junior Courses**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Education 104 L</td>
<td>*Education 102</td>
</tr>
<tr>
<td>Education 107</td>
<td>Biology 93 L</td>
</tr>
<tr>
<td>Education 141</td>
<td>Physical Education 102 L</td>
</tr>
<tr>
<td>*Education 101</td>
<td>Physical Education 182 L</td>
</tr>
<tr>
<td>Physical Education 101</td>
<td>Home Economics 124</td>
</tr>
<tr>
<td>†Education 183</td>
<td>Physical Education 167</td>
</tr>
</tbody>
</table>

**Senior Courses**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 153</td>
<td>Education 155</td>
</tr>
<tr>
<td>Physical Education 136</td>
<td>Physical Education 183 b</td>
</tr>
<tr>
<td>Physical Education 136</td>
<td>Physical Education 172</td>
</tr>
<tr>
<td>Physical Education 153 L</td>
<td>Physical Education 186</td>
</tr>
<tr>
<td>Physical Education 183 a</td>
<td>Health Education 185</td>
</tr>
<tr>
<td>Minor or Electives</td>
<td>Electives</td>
</tr>
</tbody>
</table>

The following minors in physical education have been outlined for men:

**Athletic Coaching.—**Twenty-four semester hours. This minor is offered to qualify men to meet the demands of high schools and

* One of these courses is required.
†† Optional.
§ Chemistry 1 aL or 40 aL is required.
† One of these courses is required.
colleges for coaches and athletic supervisors who are also prepared to teach some academic subject. Practical work which is required, but given no academic credit, is to be arranged at the discretion of the department according to the student's needs. Physical Education 40 L and 41 L are recommended for all minors although they are not required.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Home Economics 104</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education 22 L</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education 61 L</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education 62 L</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education 186</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education 172</td>
<td>3</td>
</tr>
<tr>
<td>Biology 2 L</td>
<td>4</td>
</tr>
<tr>
<td>Biology 36 L</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education 104 L</td>
<td>4</td>
</tr>
</tbody>
</table>

Formal Physical Education.—Twenty-four semester hours. This minor is intended to meet the needs of those students who wish to combine the teaching of physical education with their major subjects. Physical Education 40 L and 41 L are recommended for all minors although they are not required.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home Economics 104</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education 101</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education 105 L</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education 136 L</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education 161</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education 172</td>
<td>3</td>
</tr>
<tr>
<td>Biology 2 L</td>
<td>4</td>
</tr>
<tr>
<td>Biology 36 L</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education 104 L</td>
<td>4</td>
</tr>
</tbody>
</table>

Curriculum for Women Students Preparing to Teach Physical Education.—Designed for the training of teachers and supervisors of physical education. The curriculum leads to a degree of Bachelor of Science in Physical Education. Only students in satisfactory physical condition may take the course.

### Freshman Courses

<table>
<thead>
<tr>
<th>First Half</th>
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</thead>
<tbody>
<tr>
<td>Physical Education 14</td>
<td>Physical Education 15</td>
</tr>
<tr>
<td>Physical Education 5</td>
<td>English 1 a</td>
</tr>
<tr>
<td>English 1 a</td>
<td>English 1 b</td>
</tr>
<tr>
<td>§Chem 1 aL</td>
<td>§Chem 1 bL</td>
</tr>
<tr>
<td>Sociology 2</td>
<td>Biology 2 L</td>
</tr>
<tr>
<td>Education 31</td>
<td>Education 54</td>
</tr>
<tr>
<td>Electives</td>
<td>Physical Education 65</td>
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### Sophomore Courses

<table>
<thead>
<tr>
<th>English 55</th>
<th>Physical Education 18</th>
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</thead>
<tbody>
<tr>
<td>Psychology 61 L</td>
<td>Electives</td>
</tr>
<tr>
<td>Health Education 72</td>
<td>§Chemistry 40 aL</td>
</tr>
<tr>
<td>Physical Education 2</td>
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<td>Physical Education 107</td>
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<td>Physical Education 6</td>
<td>Physical Education 105 a</td>
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### Junior Courses

<table>
<thead>
<tr>
<th>Education 167</th>
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</thead>
<tbody>
<tr>
<td>Physical Education 105 a</td>
<td>Physical Education 107</td>
</tr>
<tr>
<td>Education 101</td>
<td>Physical Education 107</td>
</tr>
<tr>
<td>Physical Education 104 L</td>
<td>Physical Education Elective</td>
</tr>
</tbody>
</table>

### Senior Courses

<table>
<thead>
<tr>
<th>Physical Education 156</th>
<th>Physical Education 156</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Education 101</td>
<td>Physical Education 172</td>
</tr>
<tr>
<td>Physical Education 161</td>
<td>Physical Education 158</td>
</tr>
<tr>
<td>Physical Education 1</td>
<td>Health Education 185</td>
</tr>
<tr>
<td>Education 158</td>
<td>Physical Education Elective</td>
</tr>
<tr>
<td>Physical Education 135</td>
<td>Electives</td>
</tr>
</tbody>
</table>

§ Chemistry 1 aL or 40 aL is required.
Curriculum for Students Preparing to Teach Home Economics.—(Leading to the degree of Bachelor of Science in Education.) The College of Education curriculum for students preparing to teach Home Economics is approved by the State Department of Vocational Education for the training of teachers of Homemaking who desire to teach in the federally-aided (Smith-Hughes) schools of the state.

### Freshman Courses

<table>
<thead>
<tr>
<th>First Half</th>
<th>Second Half</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1 a</td>
<td>English 1 b</td>
</tr>
<tr>
<td>Biology 2 L</td>
<td>Biology 36</td>
</tr>
<tr>
<td>Art 1 a</td>
<td>Art 1 b</td>
</tr>
<tr>
<td>Education 31</td>
<td>Sociology 2</td>
</tr>
<tr>
<td>Home Economics 1 or 2 L</td>
<td>Home Economics 1 or 2 L</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education</td>
</tr>
</tbody>
</table>

### Sophomore Courses

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English</td>
</tr>
<tr>
<td>Chemistry 40 aL</td>
<td>Chemistry 40 bL</td>
</tr>
<tr>
<td>Psychology 51 L</td>
<td>Psychology 54</td>
</tr>
<tr>
<td>Home Economics 52 aL</td>
<td>Home Economics 53 bL</td>
</tr>
<tr>
<td>Home Economics 63 aL</td>
<td>Home Economics 63 bL</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education</td>
</tr>
</tbody>
</table>

### Junior Courses

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Home Economics 127</td>
<td>Home Economics 132</td>
</tr>
<tr>
<td>Home Economics 167</td>
<td>Education 141</td>
</tr>
<tr>
<td>Home Economics 138</td>
<td>Biology 98 L</td>
</tr>
<tr>
<td>Electives</td>
<td>Electives</td>
</tr>
</tbody>
</table>

### Senior Courses

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Home Economics 109</td>
<td>Home Economics 196</td>
</tr>
<tr>
<td>Education 107</td>
<td>Home Economics 125</td>
</tr>
<tr>
<td>Education 153</td>
<td>Education 155 d</td>
</tr>
<tr>
<td>Economics 105</td>
<td>Education 156</td>
</tr>
<tr>
<td>Electives</td>
<td>Electives</td>
</tr>
</tbody>
</table>

Curricula for Students Preparing to Teach Music Education.—The following courses will satisfy the requirements for a major study in Music Education. Candidates must complete a minor study in some other teaching subject, and follow the curricula for Elementary or Secondary Education. Applied music must include voice and piano study, the number of hours in each to be determined upon consultation with the head of the Department of Music Education. *Music 163 ab and 165 ab are to be taken concurrently.

If electives are selected in the Music Department, the following courses are recommended: Music 95 ab, 111 ab, or 157 ab.

Curriculum for students preparing to teach music in the elementary grades:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Music 5 ab</td>
<td>Music 165 ab</td>
</tr>
<tr>
<td>Music 55 ab</td>
<td>Music Education 131, 155 f</td>
</tr>
<tr>
<td>*Music 163 ab</td>
<td>Applied Music</td>
</tr>
<tr>
<td></td>
<td>Ensemble Music</td>
</tr>
</tbody>
</table>

Curriculum for students preparing to teach music in the secondary schools:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Music 5 ab</td>
<td>Music 153 ab</td>
</tr>
<tr>
<td>Music 55 ab</td>
<td>Music Education 131, 155 f</td>
</tr>
<tr>
<td>Music 157 ab</td>
<td>Dramatic Art 90 ab</td>
</tr>
<tr>
<td>*Music 163 ab</td>
<td>Ensemble Music</td>
</tr>
<tr>
<td>*Music 165 ab</td>
<td>Applied Music</td>
</tr>
</tbody>
</table>
The following music courses will satisfy the requirements for a minor study in Music Education. Students who minor in Music Education must pass a satisfactory examination in piano and voice, or take one hour each in voice and piano class instruction.

Music 5 ab
Music 55 ab
*Music 163 ab

Curriculum for Administrators and Supervisors.—Twenty-four semester hours of work in courses numbered above 50 are necessary for a major. The following courses are acceptable toward meeting the requirements for a major study in administration and supervision. Candidates must also complete a minor in some field other than education.

Educational Psychology
History of Education
Mental Measurements
Educational Tests and Statistics

Curriculum for Students Preparing to Teach Art in the Elementary Schools.—(Leading to the Degree of Bachelor of Arts in Education.) Elementary Art Education.

First Half

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1 a</td>
<td>3</td>
</tr>
<tr>
<td>Education 31</td>
<td>2</td>
</tr>
<tr>
<td>Art 1 a</td>
<td>3</td>
</tr>
<tr>
<td>Math or Science</td>
<td>3-4</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
</tbody>
</table>

Second Half

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1 b</td>
<td>3</td>
</tr>
<tr>
<td>Education 42</td>
<td>3</td>
</tr>
<tr>
<td>Art 1 b</td>
<td>3</td>
</tr>
<tr>
<td>Math or Science</td>
<td>3-4</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
</tbody>
</table>

Sophomore Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 61 L</td>
<td>3</td>
</tr>
<tr>
<td>Education 91</td>
<td>2</td>
</tr>
<tr>
<td>Math 1</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
</tbody>
</table>

Junior Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 107</td>
<td>2</td>
</tr>
<tr>
<td>Majors or Minors</td>
<td>14-15</td>
</tr>
</tbody>
</table>

Senior Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 128</td>
<td>3</td>
</tr>
<tr>
<td>Majors or Minors</td>
<td>8-10</td>
</tr>
</tbody>
</table>

Curriculum for Art Supervisors, Junior and Senior High School Teachers.—(Leading to the degree of Bachelor of Arts in Education.) Arranged for supervisors and teachers of Art Education.

First Half

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1 a</td>
<td>3</td>
</tr>
<tr>
<td>Math or Science</td>
<td>3-4</td>
</tr>
<tr>
<td>Social Science</td>
<td>3</td>
</tr>
<tr>
<td>Education 31</td>
<td>2</td>
</tr>
<tr>
<td>Art 1 a</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
</tbody>
</table>

Second Half

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1 b</td>
<td>3</td>
</tr>
<tr>
<td>Math or Science</td>
<td>3-4</td>
</tr>
<tr>
<td>Social Science</td>
<td>3</td>
</tr>
<tr>
<td>Art 1 b</td>
<td>3</td>
</tr>
<tr>
<td>Art 32</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dramatic Art 3 a</td>
<td>2</td>
</tr>
</tbody>
</table>
### Sophomore Courses

<table>
<thead>
<tr>
<th>Course (Art)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 64 (Psych.)</td>
<td>3</td>
</tr>
<tr>
<td>Art 46 b or 51 b</td>
<td>3</td>
</tr>
<tr>
<td>Education 117</td>
<td>3</td>
</tr>
<tr>
<td>Art 56</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education or Dramatic Art 92</td>
<td>1</td>
</tr>
</tbody>
</table>

### Junior Courses

<table>
<thead>
<tr>
<th>Course (Art)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 153</td>
<td>3</td>
</tr>
<tr>
<td>Art 52 b</td>
<td>3</td>
</tr>
<tr>
<td>Art 56 b or 133 b</td>
<td>3</td>
</tr>
<tr>
<td>Electives (Art)</td>
<td>4-5</td>
</tr>
</tbody>
</table>

### Senior Courses

<table>
<thead>
<tr>
<th>Course (Art)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 156</td>
<td>5</td>
</tr>
<tr>
<td>Electives</td>
<td>10-12</td>
</tr>
</tbody>
</table>

### Curriculum for Students Preparing to Teach Commercial Work.

*Leading to the degree of Bachelor of Science in Education.*

#### Freshman Courses

**First Half**

<table>
<thead>
<tr>
<th>Course (Art)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1 a</td>
<td>3</td>
</tr>
<tr>
<td>Math or Science</td>
<td>3-4</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>3</td>
</tr>
<tr>
<td>Business Administration 11 a</td>
<td>2</td>
</tr>
</tbody>
</table>

**Second Half**

<table>
<thead>
<tr>
<th>Course (Art)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1 b</td>
<td>3</td>
</tr>
<tr>
<td>Math or Science</td>
<td>3-4</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>3</td>
</tr>
<tr>
<td>Business Administration 11 b</td>
<td>2</td>
</tr>
</tbody>
</table>

#### Sophomore Courses

<table>
<thead>
<tr>
<th>Course (Art)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 64 a or 65</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 51.1</td>
<td>3</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>Business Administration 51 a</td>
<td>2</td>
</tr>
<tr>
<td>Business Administration 12 a</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Junior Courses

<table>
<thead>
<tr>
<th>Course (Art)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Administration 52 b</td>
<td>3</td>
</tr>
<tr>
<td>Education 102</td>
<td>3</td>
</tr>
<tr>
<td>Education 153</td>
<td>3</td>
</tr>
<tr>
<td>Business Administration 53 bL</td>
<td>4</td>
</tr>
<tr>
<td>Minor and Electives</td>
<td>2</td>
</tr>
</tbody>
</table>

#### Senior Courses

<table>
<thead>
<tr>
<th>Course (Art)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teachers' Course (Educ. 155 g)</td>
<td>3</td>
</tr>
<tr>
<td>Business Administration 107 a</td>
<td>3</td>
</tr>
<tr>
<td>Minor and Electives</td>
<td>9-11</td>
</tr>
</tbody>
</table>

### COLLEGE OF EDUCATION

#### Departments of Instruction

Course Numbering: from 1-50, lower division, normally open to freshmen; from 51-100, lower division, normally open to sophomores; from 101-200, upper division, normally open to juniors, seniors, and graduates; 201-300, open to graduates only. Graduate credit for courses listed is allowed at the discretion of the Graduate Committee.
Symbols used in course descriptions:
   a b or c d—course offered throughout two semesters
   L—part of the course is laboratory work
   F—course is given during field session
   SS—course offered in eight weeks' summer session only
   Yr—course offered throughout two semesters and credit for a
       single semester's work is suspended until the entire course
       is completed
   *—course open to General College students
   †—course offered for General College credit only
   ( )—credit value for each course for each semester
   [ ]—former course number or title

A schedule of course offerings, including hours of meeting, is
issued at the opening of each session.

Because of war conditions, the University reserves the right to
cancel any listed course or to make a substitution in instructors if
necessary.

DEPARTMENTS OF EDUCATION

Professors Nanninga (Dean), Diefendorf, Haught, Tireman, Fixley, Claive, Reid; Associate Professors DuBois, Moyers, White; Assistant Professor Herr; Instructor Israel; Graduate Fellow Smith.

MISCELLANEOUS AND GENERAL COURSES IN EDUCATION

Primarily for Freshmen and Sophomores

*31. Introduction to Education. (2) Required of all College of
   Education freshmen. Mr. Reid, Mr. Moyers, Mr. Fixley.
72. Health Education. (2) Health instruction in
   elementary schools. Mr. White.
95. Social Arts. (2) SS. Standards of social behavior.

For Juniors, Seniors, and Graduates

101. History of Education in Europe. (3) Mr. Moyers.
102. History of Education in the United States. (3) Mr. Moyers.
105 ab. Adult Education. (3-3) Origin, development, philosophy,
   objectives, methods, and materials.
107. Problems of Education in New Mexico. (2) New Mexico
   school system. Mr. Nanninga.
109. Educational Sociology. (3) Sociological aspects of school
   problems. Mr. Reid.
112. Current Educational Problems. (2) Staff.
115. Educational and Vocational Guidance. (3) Principles and
   methods. Mr. Fixley.
116. Professional Adjuncts. (1) Attention to personality traits,
   the interview and written application, effective speech, personal
   budget, community relationships. For juniors and seniors only. Mr.
   Fixley.
151. Problems. (1-3) Staff.
174. Philosophy of Education. (2) Mr. Moyers.

For Graduates Only

251 ab. Problems. (1-3 each semester) Staff.
300. Thesis. (3-6) Staff.

1. On leave of absence for the duration.
118 ] THE UNIVERSITY OF NEW MEXICO

DEPARTMENT OF ELEMENTARY EDUCATION

Primarily for Freshmen and Sophomores

42. Classroom Organization and Management. (3) Mr. Reid.
52. Teaching English to Non-English-Speaking Children. (2) SS. For pre-first and first grade teachers.
56. Primary Methods. (3) SS. Materials and activities suitable for kindergarten or beginning pupils.
61. Teaching Reading in the Primary Grades. (3) Methods and materials in pre-first to the fourth grades. Mr. Tireman.
62. Teaching of Language, Social Studies, and Arithmetic. (3) Materials and methods in grades one to four. Mr. Tireman.
91. The Teaching of Art in Elementary School. (2) Prerequisite: Education 31. Lab arranged. Miss Herr.

For Juniors, Seniors, and Graduates

117. Teaching Artcrafts in the Schools. (3) Industrial needs of the child; art concerned with food, clothing, shelter, records, utensils, tools, and machines. Crafts are demonstrated and executed; problems in clay, weaving, textiles, papier mache, toy-making, booklet making, and expression through miscellaneous crafts materials.
122. Supervision of the Language Arts in the Primary Grades. (3) SS. Supervision of reading, language, and spelling. If Education 61 has been taken, consult instructor before enrolling in this course. Mr. Tireman.
123. Supervision of Elementary Education. (3) Supervision of reading in the fourth, fifth, and sixth grades. Diagnosis and remedial work. Prerequisite: Education 61 or 122. Mr. Tireman.
128. The Curriculum in Art Education. (3) Curriculum building, development of significant units for teaching art, analysis and evaluation of courses of study, and examination of available tests in the arts.
129. Social Studies Curriculum Workshop. (1-5) Curriculum units in the social studies field. The student must spend in the workshop two hours per week for one semester, per hour of credit earned. Enrollment is limited to those who have over 60 hours and are teaching or have had teaching experience. Mr. Moyers.
131. Music Education. (3) Kindergarten and grades. Miss Clauve.
132. Supervision of the Social Studies. (2) (Offered in alternate years.) Mr. Moyers.
133. The Activity Program. (3) SS. History, philosophy, and practices of activity teaching. Mr. Moyers.
135. Supervision of Arithmetic. (2) (Offered in alternate years.) Mr. Moyers.
136. Practice Teaching in Elementary Grades. (5) Prerequisite: an observation course, Education 61, 62, and 123. Mr. Tireman.
137. Elementary School Curriculum. (3) SS. Principles and techniques of curriculum construction. Staff.
138. Supervision of Elementary School Instruction. (3) (Offered in alternate years.) Mr. Moyers.

For Graduates Only

251 ab. Problems. (1-3 each semester) Mr. Tireman.
252. Bilingual Education. (2) Mr. Tireman.
300. Thesis. (3-6) Mr. Tireman.

DEPARTMENT OF SECONDARY EDUCATION

For Juniors, Seniors, and Graduates

141. Principles of Secondary Education. (3) Mr. Diefendorf.
144. The Junior High School. (2) History of the junior high school movement and some of the problems arising from its organization and administration. Mr. Diefendorf.
147. Extra-Curricular Activities in the Secondary School. (3) The guiding principles of pupil participation in the extra-curricular life of the junior and senior high school. Mr. Fixley.
153. High School Methods. (3) Prerequisite: Psychology 54. Mr. Diefendorf.
155. The Teaching of High School Subjects. All specific methods courses are listed under the general number, Education 155, with the designating subscripts as indicated. These courses carry credit in education only, not in the subject matter departments. Required of students following secondary curricula. Prerequisite: Education 153.

a. The Teaching of Art in High School. (3) Prerequisite: Education 31. Mr. Del Dosso.
b. The Teaching of Biology in High School. (3)
c. The Teaching of English in High School. (3) Prerequisite: English 1 ab. Miss Keleher.
d. The Teaching of Home Economics in High School. (3) Mrs. Simpson.
e. The Teaching of Mathematics in High School. (3) Mr. Newsom.
f. The Teaching of Music in High School. (3) Miss Clauve.
g. The Teaching of Commercial Subjects in High School. (3) Miss Israel.
h. The Teaching of Sciences in High School. (3)
k. The Teaching of Social Studies in High School. (3) Mr. Moyers.
m. The Teaching of Spanish in High School. (2) (Offered in alternate years.)
n. The Teaching of Reading in the Junior High School. (2) Mr. Tireman.
158. High School Supervision. (3) (Offered in alternate years.) Mr. Moyers.
159. Directed Study. (3) Theory and practice of directing pupil study. Staff.

For Graduates Only

241. Seminar in Secondary Education. (2) Mr. Diefendorf.
242. High School Curriculum. (3) Trends and practical programs. Mr. Diefendorf.
251 ab. Problems. (1-3 each semester) Staff.
DEPARTMENT OF EDUCATIONAL ADMINISTRATION

For Juniors, Seniors, and Graduates

164. City School Administration. (3) Required of all administrative majors. Educational, financial, and administrative principles. Mr. Fixley.

166. The Principal and His School. (3) Organization, administration, and supervision of a single school. Mr. Fixley.

171. Problems of the Teaching Profession. (3) The principles of educational administration and organization as applied to the duties and responsibilities of the classroom teacher. Mr. Nanninga.

For Graduates Only

201 ab. Research Methods in Education. (2-2) Required of all candidates for a graduate degree in education. Mr. Fixley.

206. Seminar in Educational Administration. (2) Advanced reading and problems in educational administration. Mr. Fixley.

251 ab. Problems. (1-3 each term) Arranged. Staff.

261. School Law. (3) Legislation and court decisions, with special reference to New Mexico school law. Mr. Fixley.

263. State School Administration. (3) State school systems. Federal and state policy, and forms of control. Mr. Nanninga.

268. Public School Finance. (3) Special attention to New Mexico. Mr. Fixley.

277. School Buildings and Equipment. (3) Problems, standards, committee reports, field trips. Mr. Fixley.

300. Thesis. (3-6) Arranged. Staff.

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY

54. Educational Psychology. (3) Introductory course. Limited to sophomores. Prerequisite: Psychology 1 abL or 51 L. Miss Sterrett.

For Juniors, Seniors, and Graduates

181. Educational Tests and Statistics. (3) Prerequisite: Psychology 1 abL or 51 L. Mr. Haught.

183. Educational Psychology. (3) Advanced course. Prerequisite: Psychology 1 abL or 51 L. Mr. Haught.

185. Mental Measurements. (3) Prerequisite: Psychology 1 abL or 51 L. Mr. Haught.

186. Psychology of Exceptional Children. (3) Intellectual and emotional deviations, with emphasis on the psychology of social and educational guidance. Prerequisite: Psychology 1 abL or 51 L. Mr. DuBois.

187. Child Psychology. (3) The principles of human behavior in infancy, childhood, and adolescence. Prerequisite: Psychology 1 abL or 51 L. Mr. DuBois.

188. Classroom Tests. (2) Construction, evaluation, and uses of objective tests. Arranged. Mr. Haught or Mr. DuBois.

190 L. Clinical Psychology. (3) Clinical practice in the administra-
tion of psychological tests; round table discussions of problem cases. Prerequisites: Psychology 1 abL or 51 L, and 185. Seniors or graduates may take 185 at the same time as 190 L. Miss Sterrett.

For Graduates Only

251. Problems. (2-3) Staff.
300. Thesis. (4-6) Staff.

DEPARTMENT OF HOME ECONOMICS

Professor Simpson (Head); Assistant Professor Moser; Instructor Schroeder; Miss Campbell, Supervisor of Dining Hall.

Group Requirements.—Home Economics 53 abL counts toward Science and Mathematics (Group IV).

Major Study.—See curriculum under "College of Education." For requirements for a major in the College of Arts and Sciences, consult the registrar or the dean of the college.

Minor Study.—Home Economics 1, 2 L, and 12 hours in courses numbered above 50, or 20 hours specified by the head of the Department of Home Economics.

The College of Education curriculum for students preparing to teach Home Economics is approved by the State Department of Vocational Education for the training of teachers of Homemaking who desire to teach in the federally-aided (Smith-Hughes) schools of the state.

Primarily for Freshmen and Sophomores


*2 L. Homemaking. (4) Food preparation and elementary nutrition; child development; personal problems. Mrs. Simpson, Miss Schroeder.

†51 L. Clothing. (3) Selection, purchasing and construction of clothing for the family. Prerequisite: Home Economics 1 and 2 L. (Offered upon sufficient demand.)

53 abL. Food for the Family Group. (3-3). Selection, preparation, and service of family meals. Staff.

†58. Child Development. (3) Prerequisite: Home Economics 2 L. (Offered upon sufficient demand.)

63 abL. Dressmaking. (3-3) a: Pattern study; construction of clothing emphasizing fitting and techniques of finishing. b: Adaptation of patterns; problems in designing. Prerequisites: Home Economics 1 and 2 L. Miss Moser.

†65 abL. Food Preparation and Serving. (3-3) Selection and preparation of meals for the family group. Prerequisite: Home Economics 1 and 2 L. (Offered upon sufficient demand.)

For Juniors and Seniors

104. Nutrition. (2) Primarily for physical education majors. The relation of nutrition to the health program; corrective diets.

107 L. Advanced Foods. (3) Food economics. Household marketing; food laws; history of cookery. Prerequisites: Home Economics 53 abL and Chemistry 40 abL. Mrs. Simpson.


128. Family Relationships. (3) (Offered in alternate years.) Miss Schroeder.
132. Household Management. (3) Miss Schroeder.
133 L. Home Management House. (3) Six weeks' residence required. Prerequisite: Home Economics 132. Miss Schroeder.
138. Child Care and Development. (4) Observation and assistance in the nursery school. Miss Schroeder.
140. Nursery School Methods and Administration. (3) Observation and practical experience in guidance of children in nursery school, including an investigation of play materials, literature, music, equipment, records, housing, and budget.
196. Home Economics Seminar. (1-2) Staff.

The following courses are primarily for students who wish to become dietitians.

150. Large Quantity Cookery. (3) Standard methods of food production in quantity; cost accounting; standardization of formulas; menu planning and table service. Prerequisites: Home Economics 107 L, 127. Miss Campbell.
159. Institution Management. (2) Principles of scientific management applied to institutional administration. Experience in the food service and housing facilities on the campus. Prerequisites: Home Economics 107, 132, 157. Miss Campbell.

DIVISION OF PHYSICAL EDUCATION, HEALTH, AND RECREATION

Associate Professor White (Head); University Physician J. R. Schmidt; A. E. Kelley, R. N.

DEPARTMENT OF PHYSICAL EDUCATION

Physical Education for Men—Professors Johnson¹ (Head), Shipkey¹; Associate Professors White, Schmidt; Instructors Zielasko¹, Petrol: N.R.O.T.C., Milam, Webb.

Physical Education for Women—Assistant Professor Gleaves (Head); Instructors Sanchez, Thompson, West.

All regularly enrolled undergraduate male students under thirty years of age are required to take physical education activity courses for the duration of the war. Not more than one hour may be earned in a semester except by physical education majors and minors. Not more than four semester hours of required physical education may count toward a degree. Men may substitute participation in major sports for required physical education for that part of the semester during which they are actively engaged in a sport, provided that they are enrolled in the section designated by the department head. Physical education majors and minors should not substitute their participation in sports for the required physical education classes.

The instructor in each course should be consulted concerning proper clothing or uniform. Regulation blue uniforms are required

¹. On leave of absence for the duration.
for women; regulation grey uniforms are required for men.

There is a special fee of $3.00 per semester for golf and $15.00 per semester for equitation.

In physical education four excused absences will be allowed, but no credit will be granted in case there are more than four absences.

Major Study. A major in physical education is offered in the College of Education only. Students are required to complete all courses listed in the curriculum. Men must participate in at least one major sport.

Minor Study. A minor in physical education is offered in the College of Education only. Men students are required to complete all the courses listed in one of the curricula and to participate in a major or minor sport. Women students are required to complete twelve hours, not including required physical education courses.

*Activity Courses for Men and Women. (1-1)

Sections 1 through 7. Men All courses for men will consist of exercises and sports designed to get the participants into the best possible physical condition. Staff.

5. Women. Tennis, Gymnastics, Badminton. Miss Sanchez.
25. Women. Equitation; Beginning. Mrs. West.
33. Men, Women. SS. Swimming, Beginning. Mrs. West, Mr. Barnes.
37. Men, Women. SS. Swimming, advanced and lifesaving. Miss Thompson, Mr. Barnes.

Academic Courses for Physical Education Majors and Minors

*22 L. Men. Theory and Practice of Basketball. (2) Mr. Barnes.
*40 L. Men. Gymnastic Technique and Practice. (2) Fundamental techniques of gymnastics and athletic activities, field ball, games and aquatics, apparatus, gymnastics, tumbling. Mr. Petrol.
*41 L. Men. Sports Technique and Practice. (2) Fundamental techniques of additional gymnastics and athletic activities, diamond and court ball games and individual sports, boxing, gymnastic drills, games. Prerequisite: P.E. 40 L. Mr. Petrol.
42. Women. Fundamentals of Physical Education. (2) Required course for freshmen major students. Mrs. Gleaves.
*61 L. Men. Theory and Practice of Football. (2) Mr. Barnes.
*62 L. Men. Theory and Practice of Track and Field Athletics and of Baseball. (2) Mr. White.
65. Women. Sports Technique and Practice. (2) Baseball, basketball, speedball, tennis. Discussion of game techniques, rules, equip-
ment, officiating. Prerequisite: Activity course in each sport. Miss Sanchez.

72. Health Education. (2) (Same as Education 72.)


102 L. Men. Theory and Practice of Combative Sports: Boxing, Wrestling, Fencing, etc. (2) Mr. Barnes.

104. Nutrition. (2) (Same as Home Economics 104).

104 L. Human Anatomy and Kinesiology. (4) Prerequisites: Biology 2 L and 36. (Offered in alternate years). Dr. Schmidt.

105 ab Women. Recreational Leadership. (3-3) (An elective course for men.) Mrs. Gleaves.

107. Teaching Methods in Folk Dancing. (2) Prerequisite: Activity course in folk dancing. Mrs. Gleaves.

123. Women. Organization of Plays and Games by Ages. (2) (An elective course for men.) Miss Thompson.

135 L. Corrective Physical Education. (2) Abnormalities of spine, feet and posture. Prerequisites: Physical Education 104 L and 167. Miss Thompson.


161. First Aid. (2) Emergency treatment for shock and injuries. Dr. Schmidt.

162 L. Men. Theory and Practice of Intramural Athletics and Community Recreation. (3) Mr. Petrol.

167. Physical Diagnosis and Tests and Measurements. (3) Technique of determining physical fitness for participation in athletics. Dr. Schmidt.

172. Organization and Administration of Physical Education. (3) Miss Thompson.

183 abL. Men. Practice Coaching. (2-2) Mr. White and Staff.

185. Administration of a Health Program. Personal and community hygiene. (2) Mrs. Gleaves.

186. Men. Problem Methods in Physical Education. (2) Mr. White and Staff.
COLLEGE OF FINE ARTS

Purpose and Function

The College of Fine Arts is established for the following purposes: (1) to stimulate a greater interest in the arts, both fine and applied; (2) to offer those who wish to specialize in any of the fields of art an opportunity to do so; (3) to coordinate more efficiently the work in architecture, dramatics, music, and painting and design; and (4) to make a better use of the unique facilities afforded by the state of New Mexico for the study and practice of the arts.

Departments and Degrees Offered

As constituted, the departments of this college are: Architecture (two years), Art (Painting and Design), Dramatic Art, and Music. Courses leading to the degree of Bachelor of Fine Arts in Dramatic Art, Music, and Art are offered; in the combined curriculum, successful candidates will receive the degree of Bachelor of Fine Arts.

Graduation Requirements

Candidates for degrees must complete all requirements outlined in the respective curricula. One hundred hours must be of C grade or better; and, in addition, students transferred from other institutions must make a grade of C or better in three-fourths of the hours earned in the University of New Mexico.

A course in the Department of Naval Science and Tactics may be substituted during each semester of the school year for the course in Physical Education. In addition, the Naval Science course may be substituted in each of the curricula for courses as prescribed by the dean.

Curricula

Curriculum in Art—Painting and Design.—[Leading to the degree of Bachelor of Fine Arts in Art (Painting and Design). Hours required for graduation, 132.]

<table>
<thead>
<tr>
<th>Freshman Courses</th>
<th>Second Half</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Half</strong></td>
<td><strong>Second Half</strong></td>
</tr>
<tr>
<td>English 1 a</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>3</td>
</tr>
<tr>
<td>Art 1 a</td>
<td>3</td>
</tr>
<tr>
<td>Art 45 a</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>2</td>
</tr>
<tr>
<td>Dramatic Art 3 a</td>
<td>2</td>
</tr>
<tr>
<td>(or P. E.)</td>
<td>1</td>
</tr>
<tr>
<td><strong>Sophomore Courses</strong></td>
<td><strong>Junior Courses</strong></td>
</tr>
<tr>
<td>Elective in Science or Social Science</td>
<td>4</td>
</tr>
<tr>
<td>Art 51 a</td>
<td>3</td>
</tr>
<tr>
<td>Art 52 a</td>
<td>3</td>
</tr>
<tr>
<td>Art 53 a</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>Elective in Literature</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>Art 85 a</td>
<td>3</td>
</tr>
<tr>
<td>Art 131 a</td>
<td>3</td>
</tr>
<tr>
<td>Art 151 a</td>
<td>2</td>
</tr>
<tr>
<td>Art 163 a</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
</tr>
</tbody>
</table>

[125]
Senior Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>Art 151 c</th>
<th>Art 152 a</th>
<th>Art 163 c</th>
<th>Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>8</td>
</tr>
</tbody>
</table>

Students are advised to choose their electives from art or allied fields, such as architectural history, history of music, dramatic literature, or English and foreign literatures. One summer in the Field School of Art at Taos is recommended.

Students who so elect, in the Junior and Senior year, may substitute work in applied art (Art 32, 64, 71, 72, 73, 74, 75, 133, 167, 168, 171, and 175) for drawing and painting (Art 151 and 163).

Curriculum in Dramatic Art.—(Leading to the degree of Bachelor of Fine Arts in Dramatic Art. Hours required for graduation, 132.)

Freshman Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>First Half</th>
<th>Second Half</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1 a</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Drama 10 a</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Drama 30 a</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Drama 3 a</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

Junior Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>First Half</th>
<th>Second Half</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 147</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Drama 135 a</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Drama 175 a</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Drama 160 a</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Electives</td>
<td>6</td>
<td>3</td>
</tr>
</tbody>
</table>

Senior Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>First Half</th>
<th>Second Half</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drama 185 a</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>Drama 199 a</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>11</td>
<td>3</td>
</tr>
</tbody>
</table>

The student is advised to choose his electives largely from fields closely allied to dramatic art, such as literature, either English or foreign, especially courses in Greek, Spanish, and French drama, or the European drama after Ibsen; from cultural subjects in the Department of Music; and from courses in design in the Department of Art.

In physical education, the student is advised to take as much dancing and fencing as he can secure.

In lieu of courses not offered, substitution made with the advice of the head of the department will be accepted.

Curricula in Music.—(Leading to the degree of Bachelor of Fine Arts in Music.) Four major fields of concentration are offered, namely: Theory; Applied Music (Instrumental); Applied Music (Voice); and Music Literature. Hours required for graduation, 130.
Required of All Students

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music 5 ab (Beginning Theory)</td>
<td>8</td>
</tr>
<tr>
<td>Music 36 ab (History of Music)</td>
<td>6</td>
</tr>
<tr>
<td>English 1 ab (English Composition)</td>
<td>6</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4</td>
</tr>
<tr>
<td>Music 95 ab (Intermediate Theory)</td>
<td>8</td>
</tr>
<tr>
<td>Music 56 ab (Orchestral Instruments)</td>
<td>4</td>
</tr>
<tr>
<td>Ensemble Performance of Music Literature 1° 2°</td>
<td>8</td>
</tr>
<tr>
<td>English Electives</td>
<td>6</td>
</tr>
</tbody>
</table>

Total 80

Additional Requirements

1. For students taking major work in Theory—

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music 1 ab (Applied)</td>
<td>4</td>
</tr>
<tr>
<td>Music 51 ab (Applied)</td>
<td>4</td>
</tr>
<tr>
<td>Music 101 ab (Applied)</td>
<td>4</td>
</tr>
<tr>
<td>Music 107 ab (Applied)</td>
<td>4</td>
</tr>
<tr>
<td>Music 190 ab (Composition)</td>
<td>4</td>
</tr>
<tr>
<td>Other Electives</td>
<td>22</td>
</tr>
</tbody>
</table>

Total 50

2. For students taking major work in Applied Music (Instrumental)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music 1 ab (Applied)</td>
<td>8</td>
</tr>
<tr>
<td>Music 51 ab (Applied)</td>
<td>4</td>
</tr>
<tr>
<td>Music 101 ab (Applied—major instrument)</td>
<td>8</td>
</tr>
<tr>
<td>Music 101 ab (Applied—minor instrument)</td>
<td>8</td>
</tr>
<tr>
<td>Other Electives</td>
<td>22</td>
</tr>
<tr>
<td>Historical Music Literature 3°</td>
<td>4</td>
</tr>
</tbody>
</table>

Total 50

3. For students taking major work in Applied Music (Voice)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music 1 ab (Voice)</td>
<td>8</td>
</tr>
<tr>
<td>Music 51 ab (Voice)</td>
<td>8</td>
</tr>
<tr>
<td>Music 101 ab (Voice)</td>
<td>2</td>
</tr>
<tr>
<td>Other Electives</td>
<td>10</td>
</tr>
<tr>
<td>Historical Music Literature 3°</td>
<td>4</td>
</tr>
</tbody>
</table>

Total 50

4. For students taking major work in Music Literature

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music 1 ab (Applied)</td>
<td>4</td>
</tr>
<tr>
<td>Music 51 ab (Applied)</td>
<td>4</td>
</tr>
<tr>
<td>Music 101 ab (Applied)</td>
<td>4</td>
</tr>
<tr>
<td>Other Electives</td>
<td>22</td>
</tr>
<tr>
<td>Historical Music Literature 3°</td>
<td>12</td>
</tr>
</tbody>
</table>

Total 50

Students are advised to choose a part of their electives from fields allied to music, such as history of art, design, dramatic art, and literature, English or foreign. Before graduation every candidate for the Bachelor's degree must demonstrate a degree of proficiency at the piano equivalent to that expected of students completing Music 1 a (Piano). Voice students are advised to take Reading and Speaking (Dramatic Art 1 a) as an art elective.

†Pre-Architectural Curriculum.—(Total 74 to 75 hours.)

Freshman Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>First Half</th>
<th>Second Half</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1 a</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics 18 a</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics 19 a</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Architecture 13 a</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Architecture 27 a</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Architecture 59</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Art 45 a</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

1° To be selected from Music 33 ab, 41 ab, 43 ab, 23 a, 21 ab, 37 ab, 7 ab.
2° To be selected from Music 133 ab, 143 ab, 123 ab, 121 ab, 131 ab, 132 ab, 134 ab, 137 ab, 117 ab, 120 ab.
3° To be selected from Music 171, 172, 180, 181, 182, 183, 184.
† It is not intended to offer courses in architecture for the remainder of the war period.
Sophomore Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics 53 a</td>
<td>4</td>
</tr>
<tr>
<td>Physics 41 a and 41 aL</td>
<td>4</td>
</tr>
<tr>
<td>Architecture 53 a</td>
<td>3</td>
</tr>
<tr>
<td>Architecture 57 a</td>
<td>4</td>
</tr>
<tr>
<td>Architecture 61</td>
<td>1</td>
</tr>
<tr>
<td>Art 63 a</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>Mathematics 53 b</td>
<td>4</td>
</tr>
<tr>
<td>Physics 41 b and 41 bL</td>
<td>4</td>
</tr>
<tr>
<td>Architecture 53 b</td>
<td>3</td>
</tr>
<tr>
<td>Architecture 57 b</td>
<td>4</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
</tbody>
</table>

Combined Curriculum in Fine Arts.—(Leading to the degree of Bachelor of Fine Arts.) Hours required for graduation, 132, including:

(a) Group requirements as listed under College of Arts and Sciences (p. 50) or under the College of Education (p. 109);
(b) Four semester hours of physical education;
(c) Major study or its equivalent in Art, Dramatic Art, or Music; and
(d) Minor study or its equivalent in Art, Dramatic Art, or Music (other than major field).

(A holder of the B.F.A. degree is eligible for certification as a teacher by the New Mexico State Board of Education if he has completed the requirements as stated in the Rules and Regulations governing such certification.)

COLLEGE OF FINE ARTS

Departments of Instruction

Course Numbering: from 1-50, lower division, normally open to freshmen; from 51-100, lower division, normally open to sophomores; from 101-200, upper division, normally open to juniors, seniors, and graduates; 201-300, open to graduates only. Graduate credit for courses listed is allowed at the discretion of the Graduate Committee.

Symbols used in course descriptions:
- ab or cd—course offered throughout two semesters
- L—part of the course is laboratory work
- F—course is given during field session
- SS—course offered in eight weeks' summer session only
- Yr—course offered throughout two semesters and credit for a single semester’s work is suspended until the entire course is completed
- *—course open to General College students
- †—course offered for General College credit only
- ( )—credit value for each course for each semester
- [ ]—former course number or title

A schedule of course offerings, including hours of meeting, is issued at the opening of each session.

Because of war conditions, the University reserves the right to cancel any listed course or to make a substitution in instructors if necessary.
DEPARTMENT OF ARCHITECTURE†

Professor Dunbar¹; Instructor Burk (Head); Teaching Assistant Kulp (Part-time).

A pre-architectural course of two years' duration given for the purpose of fitting the student to enter a professional school.

13 ab. History and Theory of Architecture. (3-3) This study of ancient architecture in its historical setting, serves to imbue the beginner with many aspects of his profession and provides specific illustration of many guiding principles. Staff.


39. Graphics. (2) A study of the subject of graphic representation. Descriptive geometry, perspective, shades and shadows, etc. Mr. Burk.


57 ab. Architectural Design. (4-4) Class B problems, architectural drafting, and advanced rendering. Prerequisite: Architecture 27 ab. Mr. Burk.


DEPARTMENT OF ART (PAINTING AND DESIGN)

Professors Chapman, Dunbar¹ (Dean); Associate Professor Douglass (Head); Assistant Professors Adams, Del Dosso, Jonson (Part-time), Sedillo; Instructors Burk, von Auw; Part-time Instructors Fach, Willis¹; Part-time Teaching Assistant Kulp.

Major Study.—41 hours including Art 1 ab, 6 hours of drawing or life (in Art 45, 51, or 95), 52 ab, 5 hours of applied art (in Art 32, 64, 71, 72, 75, or 133), 63 ab or 85 ab, and 152 a, with a total of 12 hours in courses numbered over 100. One summer in the Field School of Art in Taos is recommended.

Minor Study.—24 hours including Art 1 ab, 6 hours of drawing or life (in Art 45, 51, or 95), 5 hours of applied art (in Art 32, 64, 71, 72, 75, or 133), and 52 ab. One summer in the Field School of Art at Taos is recommended.

Field Sessions.—Each summer, field sessions in art are conducted at Taos and Santa Fe. Courses 45 abF, 51 abF, 63 abF, 133 abF, 151 abcdF, 163 abcdefF, and 191 abcdF, are usually offered at Taos, all courses for 1, 2, or 3 hours credit (except 45 abF, 1-4 hours); courses 25 F, 125 F, and 191 abcdF, are usually offered at Santa Fe. For dates of the sessions, see the Calendar. A separate bulletin, giving full information on art field sessions, may be obtained by addressing the Department of Art.

Materials and Student Work.—Students enrolling in art courses furnish their own materials, except certain studio equipment provided by the University. All work when completed is under the control of the department until after the public exhibition of student work in

¹On leave of absence for duration of war.

†It is not intended to offer courses in architecture for the remainder of the war period.
May. Each student may be required to leave with the department one or two pieces of original work to be added to the permanent collection. At least three clock hours of work per week are expected for one semester hour’s credit. If full laboratory hours are not assigned below, they will be arranged by the instructor.

Primarily for Freshmen and Sophomores

*1 ab. Creative Design. (3-3) Experimentation and expression in line, color, and form; developing the imagination and feeling through a comprehension of space division. Section A (primarily for students enrolled in the College of Fine Arts). Mr. Burk. Section B, Miss von Auw.

*25. Indian Art. (2) Development and symbolism of the decorative art of the Pueblos and other tribes. Students taking this work in Santa Fe may earn 4 hours. (Offered in alternate years.) Mr. Chapman.

*32. Lettering. (2) To develop facility and grace in the common forms of lettering. Mr. Douglass.

†45 ab. Drawing. (3-4 each semester). The craftsmanship of drawing in various mediums from life, cast, and still life. Includes study of perspective. Mr. Adams, Mr. Douglass.

†51 ab. Life Drawing. (2-3 each semester.) Study from the human figure. Mr. Adams, Mr. Jonson.

52 ab. History of Art. (3-3) Painting, sculpture, architecture, and the minor arts from prehistoric times through the Renaissance. Mr. Kulp.

†63 ab. Painting. (3-3) Problems in technique with choice of medium. Prerequisites: Art 1 ab, and 45 ab or 51 ab. Mr. Adams, Mr. Willis.

64 ab. Frame Making. (1-1) Mr. Willis, Mr. Douglass.

*71 ab. General Commercial Art. (3-3) Art in advertising. Various techniques and methods of reproduction. Optional work in caricature and cartooning. Prerequisites: Art 1 ab, 32, 45 a or 51 a. Mr. Douglass.

72 ab. Industrial Design. (3-3) Work in three-dimensional design. Mr. Jonson and Mr. Douglass.

73 ab. Camouflage and Model Making. (3-3) Mr. Burk.

74 ab. Photography. (3-3) Elementary use of cameras and darkroom equipment. Composition. Mr. Fach.

†75 ab. Latin-American Crafts. (3-3) Use of the native raw materials of New Mexico. Revival of early Spanish designs and methods of Latin-America. Of interest to teachers. Prerequisite: Art 1 ab. Mrs. Sedillo.

81. Artistic Anatomy. (2) The skeleton and superficial muscles of the human figure as related to life drawing. Mr. Douglass.

†85 ab. Sculpture. (3-3) Technical execution and anatomical study. Mr. Burk.

†95 abcd. Sketch Class. (1-1) Life sketching in choice of medium without criticism. Mr. Douglass.

For Juniors, Seniors, and Graduates

125. Indian Art. (2) Advanced work. Students taking this work in Santa Fe may earn 4 hours. Prerequisite: Art 25. (Offered in alternate years.) Mr. Chapman.
131. Advanced Creative Design. (3-3) Development of technique through work and research in various design problems. Prerequisite: Art 1 ab. Mr. Jonson.

133. Crafts, Processes, and Design. (3-3) The different crafts; the relationship of construction and design. Of interest to teachers. Prerequisite: Art 1 ab. Miss von Auw.

151. Life Drawing. (2-2) Prerequisites: Art 45 ab and 51 ab. Mr. Jonson.

152. History of Art. (3-3) Survey, study, and discussion of painting and sculpture from the Renaissance to the present. Prerequisite: Art 52 ab. Mrs. Sedillo.


163. Painting. (3-3) Advanced work in composition in selected mediums. Prerequisite: Art 63 ab. Mr. Adams, Mr. Jonson.

167. Costume Design. (3) Problems in selecting and designing. Study of historic dress. Prerequisites: Art 1 ab, and 45 ab or 51 ab. Miss von Auw.

168. Home Arts. (3) Principles of home furnishing. Interior sketches in color. Prerequisites: Art 1 ab and 45 ab, or equivalent. Miss von Auw.

171. Advertising Problems. (2-3 each semester.) Prerequisite: Art 71 ab. Mr. Douglass.

175. Latin-American Crafts. (3-3) Advanced work in selected mediums. Mexican lacquer. Of interest to teachers. Prerequisite: Art 75 ab. Mrs. Sedillo.

185. Sculpture. (3-3) Prerequisite: Art 85 ab. Mr. Burk.

191. Special Problems. (1-3 each semester.) Staff.

195. Sketch Class. (1-1) Prerequisite: Art 95 ab. Mr. Douglass.

For Graduates Only

252. History of Art. (2-2) A survey course covering the factual and appreciation matter in art history, the student making emphasis on the field he has chosen. Staff.

291. Problems. (1-3 each semester.) Staff.


300. Thesis. (4-6) Staff.

DEPARTMENT OF DRAMATIC ART

Instructor Crowe (Acting Head); Part-time Instructor Sedillo; Staff member Vorenberg:

Major Study in College of Education.—1 ab, 10 ab, 30 ab, 75 ab, 90 ab, 160 a, and 6 hours to be selected from English 141, 143, 147, 148, 149. Total 35 hours.

Minor Study in College of Arts and Sciences or College of Education.—1 ab, 10 ab, 30 ab, 90 ab, English 147 or 149. Total 25 hours.

In these courses, students may register for the odd semester's work (that is, t, d, and f, in the fall, or a, c, and e, in the spring) provided prerequisites have been met.
Primarily for Freshmen and Sophomores

*1 ab. Reading and Speaking. (3-3) First principles of speech training and fundamentals of interpreting prose and poetry. Miss Crowe, Mr. Vorenberg.


*10 ab. Theatre History. (2-2) The Greek period to the present time. Special emphasis to be given to the drama of England. Miss Crowe.

30 ab. Stage Craft. (3-3) Methods, materials, and techniques of stage carpentry. Students construct scenery for season's productions. Miss Crowe.

85 ab. Acting Technique. (3-3) Stage diction. Methods of interpretation for both modern and historical productions. Prerequisite: Dramatic Art 1 ab. Staff.

90 ab. Rehearsal and Performance. (3-3) Elementary techniques of both actor and director. Analysis of plays for methods of interpreting in production. Staff.

92 ab. Mexican and New Mexican Folk Dance. (2-2) Mrs. Sedillo.

For Juniors and Seniors

149 ab. Advanced Acting Technique. (3-3) Study of advanced problems in interpretative technique. Prerequisite: Dramatic Art 85 ab. Miss Crowe.

160 ab. Advanced Rehearsal and Performance. (3-3) Detailed study of directing techniques. Analysis of scripts. Rehearsal by students, under supervision, of one-act plays for class presentation. Prerequisite: Dramatic Art 90 ab. Staff.

185 ab. Costume Design. (3-3) Historic, modern, and stylized costume and how to design it for the stage. Students execute costumes for season's productions. Miss Crowe, Mr. Vorenberg.

199 ab. Problems. (3-3) Advanced work in any of the following fields: directing, lighting, or scene design. Prerequisites: the student must have completed, or give concrete evidence of knowledge of, all preliminary courses offered in his chosen field.

DEPARTMENT OF MUSIC

Professor Robb (Head); Associate Professors Danfelser, Hannas; Assistant Professor Redman; Instructors Ancona, Burg, Frederick (Part-time), Keller, Kunkel.

(See curricula under College of Fine Arts and College of Education).

Major Study (College of Arts and Sciences)—Twenty-four hours of theoretical courses and twelve hours of applied music, including 5 ab, 95 ab, and 36 ab or 163 ab. Allowed only with permission of the Dean of the College of Arts and Sciences.

Minor Study (College of Arts and Sciences)—Sixteen hours of theoretical courses (including 5 ab) and four hours of applied music.

Recitals and Public Exercises—Music majors and minors are required to attend certain specified recitals and to take part in recitals and public exercises. Loss of credit may result from failure to observe this rule.

1 On leave of absence for duration of war.
Students are requested not to perform in public without the consent of the Department.

Courses marked with # may be repeated without duplication of credit to the limit of eight hours' credit for students of the College of Fine Arts, four hours for others.

Courses marked with ** open to any student in the University on approval of the conductor.

**Ensemble Performance of Music Literature**

**Large Ensemble Groups**

**Instrumental**

###33 ab. University Symphony Orchestra. (1-1) Study and performance of symphonic literature. Mr. Robb.

###133 ab. University Symphony Orchestra. (1-1) Prerequisite: two years in 33 ab. Mr. Robb.

###41 ab. University Band. (1-1) Study and performance of band literature. Mr. Kunkel.

###141 ab. University Band. (1-1) Prerequisite: two years in 41 ab. Mr. Kunkel.

**Vocal**

###43 ab. University Mixed Chorus. (1-1) Study and performance of choral literature. Mrs. Redman.

###143 ab. University Mixed Chorus. (1-1) Prerequisite: two years in 43 ab. Mrs. Redman.

###23 ab. Women's Glee Club. (1-1) Study of sacred and secular compositions covering a wide variety of styles. Concert appearances required; participation in public functions encouraged as a community service. Mrs. Redman.

###123 ab. Women's Glee Club. (1-1) Prerequisite: two years in 23 ab. Mrs. Redman.

###21 ab. Men's Glee Club. (1-1) For description see 23 ab. Staff.

###121 ab. Men's Glee Club. (1-1) Prerequisite: two years in 21 ab. Staff.

**Small Ensemble Groups**

**Instrumental**

###31 ab. [35 ab] String Ensemble. (1-1) Mr. Burg, Mr. Frederick.

###132 ab. Woodwind Ensemble. (1-1) Mr. Kunkel.

###134 ab. Brass Ensemble. (1-1) Mr. Kunkel.

###37 ab. Piano Ensemble. (1-1) Study and performance of literature for two or more pianos; selected from all periods including the contemporary. Open to all piano students with consent of instructor. Mrs. Danfelser.

###137 ab. Advanced Piano Ensemble. (1-1) Mrs. Danfelser.

**Vocal**

###7 ab. Women's or Men's Quartettes. (1-1) Study and performance of compositions selected from various periods; pre-Bach through contemporary. Participation in public functions encouraged as a community service. Mrs. Redman.

###117 ab. Women's or Men's Quartettes. (1-1) Prerequisite: two years in 7 ab. Mrs. Redman.
120 ab. Advanced Voice Ensemble. (1-1) Study and performance of selected literature from operas, oratorios, madrigals, etc. (Content varies according to personnel; when circumstances permit, chamber operas are given stage presentation). Mrs. Redman.

Theory, History, Conducting and Composition

Primarily for Freshmen and Sophomores

Theory and History

3 ab. Music Essentials. (2-2) Designed for the student who has little or no knowledge of music theory; notation, intervals, key signatures, music reading, etc. Group instruction in the fundamentals of piano playing and voice production. No credit allowed music majors. Staff.

5 ab. Beginning Theory. (4-4) An applied study of traditional harmony: aural, written, keyboard; major and minor tonalities in their emergence from the ecclesiastical modes. Prerequisite: Music 3 ab or equivalent. Miss Hannas.

95 ab. Intermediate Theory. (4-4) Altered chords and modulations. Introduction to modern idioms and 20th century application of the principles of single and invertible counterpoint. Prerequisites: Music 5 ab. Miss Hannas.

36 ab. [111 ab] Survey of Music History. (3-3) Its social and artistic significance in the history of human progress. I. Through the 18th century; II. During the 19th and 20th centuries. Open to non-music majors with consent of instructor. Mrs. Ancona.

Primarily for Special Students


Primarily for Juniors, Seniors, and Graduate Students

Theory, Conducting and Composition.

152 ab. Form, Analysis and Score Reading. (2-2) Analysis, aural and from the score of the structural, harmonic and contrapuntal elements of music from the primary forms through the symphony and concerto. Prerequisites: Music 95 ab. Mr. Robb.

153 ab. [107 ab] Orchestration. (2-2) Building of the orchestral score; detailed study procedures of past and present masters of orchestral techniques. Scoring of complete works and carrying through of projects to actual performance. Prerequisites: 55 ab, 95 ab. Mr. Kunkel.

157 ab. Conducting, Orchestral and Choral. (2-2) Technique of conducting and study of scores: actual conducting in public of instrumental and choral groups. Prerequisite: Music 152 ab. Mr. Robb and Mrs. Redman.

190 ab. Composition (2-2) Creative work in original composition, primarily in the smaller forms. Prerequisites: 95 ab, 152 ab. Staff.

197 ab. Comprehensive Co-ordinating Course. (2-2) Required in the senior year of all music majors enrolled in the College of Fine Arts in lieu of a comprehensive examination over the entire field of music. Staff.

Historical Music Literature (Prerequisite: Music 36 ab)

171. Introduction to Musicology. (2) Survey of scientific data and conclusions in the various musical fields. Miss Hannas.

172. Comparative Study of Contemporary Music Literature. (2) Emphasis placed on music of the Americas, integrally and in relation to European sources, past and present. Staff.


183. Eighteenth and Nineteenth Century Opera. (2) Development of national consciousness as reflected in Italian, French, German, and Russian music-drama. Mrs. Ancona.


Music Appreciation

163 ab. Music Appreciation (2-2) Designed for the general student who wishes to supplement his academic knowledge. Mrs. Ancona.

Pedagogy

165 ab. Methods in Music Appreciation (1-1) Appropriate literature and its presentation: I. To Elementary School Pupils; II. To Junior and Senior High School pupils. To be taken concurrently with Music 163 ab or subsequently. Mrs. Ancona.

177 abc. Piano Normal. (2-2-2) Technical and aesthetic aspects of the teaching of piano literature, organized for presentation in three units: I. Instruction of the beginner; II. Instruction of intermediate and advanced pupils; III. Summary of pedagogy as applied to individual and group instruction, with supervised teaching. Mrs. Danfelser.

185. Voice Pedagogy. (2) Special attention given to the principles of voice building and diction. Problems involved in the proper training of the child voice. Mrs. Redman.

Applied Music (Private Instruction)

One half hour lesson per week earns two hours' credit per semester. Additional fee. A student majoring in applied music is required to give a public recital in the junior year and another in the senior year. Students should consult the head of the department before enrolling for applied music.

1 ab. Freshman Course. (2-4 each semester) Arranged.

51 ab. Sophomore Course. (2-4 each semester) Arranged.

101 ab. Junior Course. (2-4 each semester) Arranged.

151 ab. Senior Course. (2-4 each semester) Arranged.

Piano—Mrs. Ancona, Mrs. Danfelser, Miss Hannas.

Pipe Organ—Mrs. Ancona. Students enrolling for pipe organ are required to have a foundation in piano.

Violin and Viola—Mr. Frederick, Mr. Burg.

Cello and Guitar—Mr. Burg.

Orchestra and Band Instruments—Mr. Kunkel.

Voice—Mrs. Redman.

Group Instruction

13 abcd. Group Piano Instruction. (1-1) One hour group lesson per week earns one hour credit per semester. Additional fee. Mrs. Danfelser.
#55 ab. Orchestral Instruments. (2-2) Group instruction in the playing of woodwind, brass, and stringed instruments. Of especial importance to the prospective instrumental teacher and conductor. Mr. Kunkel.

#155 ab. Orchestral Instruments. (2-2) Continuation of #55 ab. Mr. Kunkel.

For Graduates Only

201 ab. Seminar in Musicology. (2-2) Individual problems in research and documentary examination of the entire field. Miss Hannas.

202 ab. Advanced Composition. (2-2) Individual guidance in composing for quartet, symphony, and vocal ensemble; survey of techniques in appropriate fields. Completion of major works for public performance. Original composition required in lieu of thesis. This may be in any of the larger forms such as string quartet, symphony, cantata. Mr. Robb, Miss Hannas.

203 ab. Advanced Repertoire. (3-3) One hour of individual coaching supplemented by one studio hour of playing for group criticisms. Material chosen from the great art periods for piano, organ, orchestral instruments, or voice. Perfecting of major works for public performance. Public performance required in lieu of thesis. Mrs. Danfels and staff.

204 ab. Seminar in Music Education. (2-2) Constructive evaluation of current music education materials and procedures; presentation of music to kindergarten, primary, junior high and senior high school pupils; appropriate demonstrations under specialists in the fields of voice, piano, orchestra, band, theory, appreciation, and creative work. Investigation of related problems. Miss Hannas.

205. Comparative Study of Counterpoint. (2) Based on treatises and music contemporary with representative periods from the 11th century through the modern. Emphasis on Spanish innovations before and after Cerone, and on contributions of Krenek, Hindemith, Chavez, Villa-Lobos, Roy Harris, and other Americans. Miss Hannas.

206. Advanced Orchestration. (2) Applied study of the resources of the modern orchestra. Mr. Kunkel.

SCHOLARSHIPS

A limited number of scholarships in applied music in the form of free lessons is usually made available by the music faculty to students of ability where the need for scholarship aid can be demonstrated.

Other scholarships in applied music and ensemble music may be provided under similar circumstances.

One scholarship is customarily awarded by the Alumnae of Sigma Alpha Iota, after a competitive audition.

Application for such scholarship aid should be made as early as possible to the Head of the Music Department.

MASTER CLASSES

From time to time the Department of Music intends to offer individual instruction and Master Classes in Applied Music conducted by distinguished teachers temporarily in residence at the University for such purpose. Special announcement will be made of such Master Classes. Special fees as set forth in such announcements will be charged.
GENERAL COLLEGE

The General College has been planned in terms of two-year programs. It makes provision for rather large numbers of students who, for one reason or another, do not find the four-year course advisable. Some of these groups are:

1. Those who are interested in general, instead of specialized, types of knowledge. Students of this sort prefer an overview of a field with emphasis upon general principles rather than upon techniques and details, and are to be taken care of to a large extent by survey courses. Even specialists in one field of knowledge, however, will find use for comprehensive surveys in others.

2. Those who wish to "explore." Interest in one or more of the fields of knowledge is a prime factor in college success; and this interest, together with greater efficiency in mental habits, can often be fostered through exploration.

3. Those who desire distinctly vocational courses of the semi-professional nature. Many capable young people want courses that lead to definite vocational techniques, even though they are not interested in general academic training.

4. Adults who have no interest in degrees or in technical courses, but who desire information and guidance in general or practical fields.

5. Finally, there are those young people who know from the beginning that either for financial or other reasons they must place a time limit upon their higher education. They may prefer either the general or the vocational type of training, but they are forced to look for that from which they can derive the most nearly finished and comprehensive results in less than four years.

Admission Requirements

For admission requirements to the General College, see "Admission and Registration." Applicants for admission are held to the regulations as set down in the general admission section, except that the Committee on Entrance and Credits may accept an individual who has been recommended by the General College Committee for special consideration.

A student with more than 60 semester hours, exclusive of physical education, is not permitted to enter the General College.

Scholarship Regulations

A student with not more than 60 credit hours of academic work, suspended from one of the four-year colleges on the basis of scholarship, is permitted to enter the General College on probation, provided he has earned at least half as many points as the total number of hours he has attempted.

Probation.—A student is placed on probation at the end of each semester or summer session when the total number of points earned drops below one-half of the total number of hours for which he has been registered. Hours given a mark of W will be excluded in this computation, but hours of F will be counted.
Suspension.—A student is recommended for suspension at the end of any semester or summer session when he is placed on probation for the second successive time. Students suspended from the General College may re-enter the University only through the General College.

Transfer.—A student may be recommended for transfer from the General College to one of the other colleges of the University at the end of any semester or summer session, after having been registered for twelve or more hours (six or more hours in summer session), (1) when the average for the first semester in the University is equal to 1.2 (not applicable to transfer students), or when, after the first semester, the number of points earned is at least equal to the total number of hours which he has attempted in college, or (2) after receiving the General College Diploma, on the same basis as any other transfer student.

Completion of Course

Sixty-four hours of passing work, exclusive of non-theoretical courses in physical education, must be completed in order to fulfill the requirements for the General College diploma. Normally, this work will be divided into four semesters as indicated below.

Students registering in the General College may pursue courses in the Department of Naval Science and Tactics only with the permission of the Dean of the General College and the Head of the Department of Naval Science and Tactics. For those students enrolled in the Naval R.O.T.C. Unit, the course in Naval Science may be substituted for the course in Physical Education. The course in Naval Science may also be substituted in each of the curricula for subjects prescribed by the dean.

Academic Course‡

The general outline of the two-year curriculum follows:

<table>
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<tr>
<th>First Half</th>
<th>Second Half</th>
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<tbody>
<tr>
<td>English A or 1 a</td>
<td>English 1 a or 1 b</td>
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<tr>
<td>Orientation 3 a</td>
<td>Orientation 3 b</td>
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<tr>
<td>(Social Science Survey)</td>
<td>Orientation 7 b</td>
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<tr>
<td>Orientation 7 a</td>
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<td>Math., Spanish, or Elect.*</td>
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15-15

Sophomore Courses

<table>
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<tr>
<th>Electives from courses starred (*) in catalog</th>
<th>Electives from courses starred (*) in catalog</th>
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<tbody>
<tr>
<td>16</td>
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Art

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<td>Orientation 3 a</td>
<td>Orientation 3 b</td>
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<td>Electives</td>
<td>Electives</td>
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<td>Art 1 b</td>
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<tr>
<td>Art 45 b</td>
<td>Art 45 b</td>
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* Choice of: Art 1 ab, 25, 32, 45 ab; Business 4, 5, 6, 8; Education 31; Engineering 1 abL, 2 abL; Home Economics 1, 2 L; Mathematics A, B, 14 ab; Applied Music; P. E. 22 L, 61 L, 62 L; Spanish 1 ab, 41 ab, 55 ab.

† For courses open to General College Students see offerings marked * and † under college sections.
### General College

#### Sophomore Courses

| Orientation 7 a | 3 | Orientation 7 b | 3 |
| Art 51 a | 2 | Art 51 b | 2 |
| Art 52 a | 2 | Art 52 b | 2 |
| Art 63 a | 3 | Art 63 b | 3 |
| Art 71 a or 85 a | 3 | Art 71 b or 85 b | 3 |
| Art 75 a or 133 a | 3 | Art 75 b or 133 b | 3 |

#### General Business

##### Freshman Courses

**First Half**

| English A or 1 a | 3 | Orientation 7 a | 3 |
| Mathematics A | 2 | Orientation 7 b | 2 |
| Business Administration 11 a | 2 | Business Administration 11 b | 2 |
| Business 3 aL | 3 | Business 3 bL | 3 |
| Business 4 | 3 |

**Second Half**

| Orientation 7 a | 3 |
| Business 8 a | 3 |
| Economics 43 | 3 |
| Electives | 6 |

#### Sophomore Courses

**First Half**

| Orientation 7 a | 3 |
| Home Economics 51 aL | 3 |
| Psychology 51 | 3 |
| Electives | 3 |

**Second Half**

| Orientation 7 b | 3 |
| Home Economics 52 | 3 |
| Business 7 | 3 |
| Business 8 b | 3 |
| Electives | 5 |

##### Home-Making

**Freshman Courses**

**First Half**

| English A or 1 a | 3 |
| Orientation 5 a | 3 |
| Home Economics 1 | 3 |
| Psychology 51 | 3 |
| Electives | 3 |

**Second Half**

| Orientation 5 b | 3 |
| Home Economics 52 | 3 |
| Business 7 | 3 |
| Business 8 b | 3 |
| Electives | 4 |

##### Music

**Freshman Courses**

**First Half**

| English A or 1 a | 3 |
| Orientation 5 a | 3 |
| Music 5 a | 4 |
| Applied Music | 4 |
| Ensemble Music | 1 |
| Electives | 1 |

**Second Half**

| Orientation 5 b | 3 |
| Music 5 b | 4 |
| Applied Music | 4 |
| Ensemble Music | 1 |
| Electives | 1 |

##### Sophomore Courses

**First Half**

| Orientation 5 a | 3 |
| Music 36 a | 3 |
| Ensemble Music | 1 |
| Electives | 9 |

**Second Half**

| Orientation 5 b | 3 |
| Music 36 b | 3 |
| Ensemble Music | 1 |
| Electives | 9 |

### Recreational Leadership

#### Freshman Courses

**First Half**

| English A or 1 a | 3 |
| Orientation 3 a | 3 |
| Dramatic Art 3 a | 2 |
| Social 4 | 3 |
| P. E. Activities | 1 |
| P. E. 61 L | 2 |
| Electives | 2 |

**Second Half**

| English 1 a or 1 b | 3 |
| Orientation 3 b | 3 |
| Dramatic Art 3 b | 3 |
| Sociology 4 | 3 |
| P. E. Activities | 1 |
| P. E. 22 L or 62 L | 2 |
| Electives | 2 |
### Sophomore Courses

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<td>P. E. 161</td>
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<tr>
<td>Chorus, Band, Orchestra, and Dramatics</td>
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### Sanitation

### Freshman Courses

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#### Second Half

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### Sophomore Courses

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<td>Psychology 31</td>
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### Secretarial

#### Freshman Courses

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#### Second Half

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### Sophomore Courses

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<td>English 1 b or Electives</td>
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</table>
OTHER DIVISIONS OF THE UNIVERSITY

Graduate School
The University offers graduate work leading to the degrees of Master of Arts, Master of Science, and Doctor of Philosophy. The graduate program is offered concurrently with the regular residence sessions. During the period of the war, the graduate program may be restricted, but every effort will be made to carry on as full a program as warranted by the graduate enrollment. Graduate students should consult their major department and the dean of the Graduate School.

Summer Session
A summer session of eight weeks is conducted each year on the campus. (For dates of the session, see the Calendar.) Every attempt is made to meet specialized needs of the particular student group of the session. Emphasis is placed on advanced and graduate work. A special program is offered for teachers and school administrators. The summer climate is warm but delightful; nights are cool. The residential halls are regularly operated during the summer session. A separate bulletin on the summer session may be obtained by addressing the director of the Summer Session, or the registrar.

Field Sessions
Field sessions are usually conducted each summer by the Departments of Anthropology, Art, and Engineering. Work in Biology and Geology is sometimes offered in the field. (For dates of these sessions see the Calendar.) Separate bulletins are published on the field sessions, and may be obtained by addressing the head of the department concerned.

Extension Division
The Extension Division of the University is a member of the National University Extension Association and is under the supervision of the College of Education. A special bulletin has been issued, giving regulations and information concerning courses and services offered by correspondence and extension study. For further information, address the director of the Extension Division.

Naval Reserve Officers' Training Corps
This department is administered by officers of the United States Navy in accordance with rules promulgated by the Navy Department.

DEPARTMENT OF NAVAL SCIENCE AND TACTICS
Captain Will, U.S.N. (Head), Professor; Lieutenant Commander Daniel, U.S.N., Associate Professor; Lieutenant Harshman, U.S.N.R., Assistant Professor; Lieutenant Walker, U.S.N.R., Assistant Professor; Lieutenant Carson, N.R.O.T.C. Medical Officer.
Credits in this Department count toward a degree in all colleges.

Basic Course for Freshmen and Sophomores

[141]


Advanced Course for Juniors and Seniors


102. Naval Science 102. (4) Gunnery, Naval Electricity, Naval Communications, Military Drill. Prerequisite: Naval Science 101. Staff.

151. Naval Science 151. (4) Aviation (ground work), Naval Leadership, Military Law, Naval Communications, Military Drill. Prerequisite: Naval Science 102. Staff.


Premeteorology Training Program

Army Air Forces Technical Training Command

A special training program for the Army Air Forces Technical Training Command in premeteorology was established at the University of New Mexico in March 1943. The University was selected as one of the universities in the country to offer a six months premeteorology ("B") program of training for Army Air Forces meteorology officers. This program is under the general auspices of the University Meteorological Committee and Directorate of Weather which supervise the academic aspects of all meteorology training for the Army Air Forces. Two hundred and four enlisted men were established on campus as a meteorology training detachment. The program is under the general supervision of the Department of Physics of the University of New Mexico. For further information, address R. E. Holzer, Department of Physics.

PREMETEOROLOGY COURSE

R. E. Holzer, Associate Professor and Program Director; Professors Brand, Cairns, Fixley, Newsom, Pearce; Associate Professors Larsen, Smith; Assistant Professors Ader, Barker, Gentry, Gibson, Keleher, Reiche, Rosenthal, Wicker; Instructors Breiland, Frantik, Kluckhohn, Mueller, Pelsor, Simons; Assistants Anderson, Drescher, Ely, Garn, Gillenwater, Russell, Scrivner, Valukas; Research Associate Saunders.

General Physics. (8) The elements of mechanics, properties of mechanics, heat, electricity, magnetism, sound and light. Lecturers Mr. Pelsor, Mr. Breiland, Mr. Frantik, Mr. Gibson, Mr. Mueller, Mr. Reiche. Assistants Mr. Drescher, Mr. Russell, Mr. Ely, Mr. Garn.

Vectorial Mechanics. (6) A presentation of analytical mechanics using the methods of vector analysis. Special emphasis is placed on those aspects of mechanics useful in meteorology. Lecturers Mr. Holzer, Mr. Ader, Mr. Breiland, Mr. Gentry, Mr. Mueller. Assistants Mr. Drescher, Mr. Russell.
Calculus and Differential Equations. (8) A general survey of the differential and the integral calculus with an introduction to ordinary and partial differential equations. Applications to physical science are emphasized. Lecturers Mr. Newsom, Mr. Cairns, Mr. Ader, Mr. Gentry, Mr. Larsen, Mr. Rosenthal, Mr. Barker. Assistants Mr. Gillenwater, Mr. Scrivner, Mrs. Valukas.

Physical and Regional Geography. (3) Introduction to the principles of geography and consideration of regional geography of the world. Lecturer Mr. Brand; Assistant Mr. Anderson.

Communication, Oral and Written. (2) Expository methods in written and oral discourse (definition, analysis, device, and process); military correspondence; voice analysis and training; public address. Lecturers Mr. Pearce, Mr. Fixley, Miss Keleher, Miss Kluckhohn, Mr. Saunders, Miss Simons, Mr. Smith, Mr. Wicker.
DEGREES CONFERRED
May Eleventh, Nineteen Hundred Forty-Two

COLLEGE OF ARTS AND SCIENCES

Bachelor of Arts

Major

Margaret Elaine Amsley
Anthony A. Archuletas, Jr.
James Henry Bain
Laura Virginia Bradshaw
Robert Brown
Theodora Helen Buggeln
†Montie S. Carlisle
†Beverly Jean Carrick
Mary Elizabeth Chandler
Lorenzo A. Chávez
Robert Gene Conway
†John Coy
Frances Hartman DeHuff
Florence Dillon
Robert William Duke
Shirley Ann Earleson
James Lee Elrod
George Alexander Emerson, Jr.
Cyrus L. Fairless, Jr.
Coreva Hanford Garman
Arlene Marcia Gault
Wilna Elizabeth Gillespie
Harold James Gilmore, Jr.
Dorothy Goggin
Robert William Goggin
Eleanor Mary Guilford
Patricia M. Hannah
Wilson R. Hart
Janice Layman Williams
Hedge

Minor

Psychology
Government & Citizenship
Economics
Anthropology
Government & Citizenship
Anthropology
Government & Citizenship
Anthropology
Sociology
Economics, History
Mathematics
Government & Citizenship
History
Government & Citizenship
Economics
Business Administration
History
Philosophy

Minor

Sociology
Economics
Government & Citizenship
History
English
Spanish
Sociology
French, History
Psychology
Economics, Business Administration
Physics
Art
Spanish
English
Spanish
English, History
Government & Citizenship
English
Music
Business Administration
Home Economics
History
Government & Citizenship
Psychology
English
Philosophy
English

* With Distinction
† With Honors

[144]
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<td>George A. Hemenway</td>
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<tr>
<td>June Horn</td>
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<td>Lee Alvin Jay</td>
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<td>Charles H. McFadden</td>
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<td>Donald W. Mabry</td>
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<td>Marcha May</td>
<td>Geology, French</td>
<td>Engineering</td>
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<td>John H. Owen</td>
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<td>Ruth Louise Payhurst</td>
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<td>George W. Prothro</td>
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<td>Robert H. Reese</td>
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<td>Lowell P. Eggstrom</td>
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<td>*David Dills Stevens</td>
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<td>*Ray J. Thomas</td>
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<tr>
<td>Maurice Edison Thompson</td>
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**Bachelor of Business Administration**

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<td>Oral Jay Berry, Jr.</td>
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<td>Bill G. Boswell</td>
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<td>Robert Edward Buzzard</td>
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<td>Betty-Mae Meyer</td>
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<td>Dorothy Elaine Ortmann</td>
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<td>*Mary Catherine Penix</td>
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**COLLEGE OF ENGINEERING**

**Bachelor of Science in Civil Engineering**

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<td>Glenn Edward Hunt</td>
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<td>William Charles Isles</td>
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<td>Donovan W. Smith</td>
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<td>Robert Taylor Jones</td>
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<td>Robert Jenne Stamm</td>
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<td>Albert T. Watson</td>
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**Bachelor of Science in Electrical Engineering**

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<td>Robert Edward Greenwell</td>
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<td>Cedric Hale Senter</td>
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<td>Laurence L. Hartdorn</td>
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<td>Kenneth James Urquhart</td>
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**Bachelor of Science in Mechanical Engineering**

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<td>Paul Forest Grove</td>
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<td>Claude Leaton Lyon, Jr.</td>
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**Bachelor of Science in Engineering Chemistry**

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<tr>
<td>Gilbert Leroy Eggert</td>
<td>Business Administration</td>
<td>Drace W. Kutnewsky</td>
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* With Distinction
† With Honors
## Bachelor of Arts in Education

### Major

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<td>H.S.</td>
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<td>Domitilla Armijo</td>
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<td>Alma Williams Kleiner</td>
<td>Art Education</td>
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<td>John George Lukich</td>
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<td>Jane E. Manning</td>
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## Bachelor of Science in Education

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<thead>
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<th>Name</th>
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<tbody>
<tr>
<td>Ernestine Alsop</td>
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<td>H. E.</td>
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<td>Thomas E. Devaney</td>
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* With Distinction
† With Honors
### Degrees Conferred

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<tr>
<td>Trudelle Downer</td>
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<td>Martha Groton</td>
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<td>Ad.&amp;S.</td>
</tr>
<tr>
<td>Aila A. Jones</td>
<td>Administration &amp; Supervision</td>
<td>English</td>
<td>Ad.&amp;S.</td>
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<tr>
<td>Susie West Klemos</td>
<td>Biology</td>
<td>Anthropology</td>
<td>Elem.</td>
</tr>
<tr>
<td>Lucy Knight</td>
<td>Biology</td>
<td>Spanish</td>
<td>Elem.</td>
</tr>
<tr>
<td>Vivian Kronig</td>
<td>Home Economics</td>
<td>Physics</td>
<td>H. S.</td>
</tr>
<tr>
<td>Maxine E. Lind</td>
<td>Mathematics</td>
<td>Spanish</td>
<td>Ad.&amp;S.</td>
</tr>
<tr>
<td>Mrs. C. C. Pascheco</td>
<td>Administration &amp; Supervision</td>
<td>English, Spanish</td>
<td>Elem.</td>
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<tr>
<td>Margaret L. Peeples</td>
<td>Psychology</td>
<td>English</td>
<td>Ad.&amp;S.</td>
</tr>
<tr>
<td>Vera Drexel Porter</td>
<td>Administration &amp; Supervision</td>
<td>English, Spanish</td>
<td>Ad.&amp;S.</td>
</tr>
<tr>
<td>David H. Sebastian</td>
<td>Administration &amp; Supervision</td>
<td>English, Spanish</td>
<td>Ad.&amp;S.</td>
</tr>
<tr>
<td>Margaret Virginia Shirley</td>
<td>Biology</td>
<td>Home Economics</td>
<td>H. S.</td>
</tr>
<tr>
<td>Rachel Eugenia Taylor</td>
<td>Administration &amp; Supervision</td>
<td>English</td>
<td>Ad.&amp;S.</td>
</tr>
<tr>
<td>Helen Dewey Tofriller</td>
<td>Administration &amp; Supervision</td>
<td>English</td>
<td>Ad.&amp;S.</td>
</tr>
<tr>
<td>Revis Mae Thomas</td>
<td>Home Economics</td>
<td>Anthropology</td>
<td>Ad.&amp;S.</td>
</tr>
<tr>
<td>Miguel H. Trujillo</td>
<td>Administration &amp; Supervision</td>
<td>Biology</td>
<td>H. S.</td>
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<tr>
<td>James W. Walker</td>
<td>Mathematics</td>
<td>German</td>
<td>H. S.</td>
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<tr>
<td>Frederick Carleton Veon</td>
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<td>Worman</td>
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### Bachelor of Science in Physical Education

<table>
<thead>
<tr>
<th>Name</th>
<th>Major</th>
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<th>Curriculum</th>
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<tbody>
<tr>
<td>Christine Eileen Beach</td>
<td>Physical Education</td>
<td>English</td>
<td>P. E.</td>
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<tr>
<td>Dorothy Florence Gordon</td>
<td>Physical Education</td>
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<td>P. E.</td>
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<tr>
<td>Thomas S. Hogg</td>
<td>Physical Education</td>
<td>English</td>
<td>P. E.</td>
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<tr>
<td>Clarence K. Powless</td>
<td>Physical Education</td>
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### COLLEGE OF FINE ARTS

**Bachelor of Fine Arts in Art (Painting and Design)**

- Nancie Blair
- Roy Brooks Pettus

**Bachelor of Fine Arts in Music**

LaRue Greenup

### GRADUATE SCHOOL

**Master of Arts**

<table>
<thead>
<tr>
<th>Name</th>
<th>Major</th>
<th>Minor</th>
<th>Curriculum</th>
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<tbody>
<tr>
<td>Lucie Elliott Adams</td>
<td>Spanish</td>
<td>Education Administration</td>
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<tr>
<td>E. W. Bahr</td>
<td>English</td>
<td>Education Administration</td>
<td></td>
</tr>
<tr>
<td>Joanna Black</td>
<td>History</td>
<td>Education Administration</td>
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</tr>
<tr>
<td>Fred A. Brown</td>
<td>Spanish</td>
<td>Education Administration</td>
<td></td>
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<tr>
<td>Marie Anne Brown</td>
<td>Administration &amp; Supervision</td>
<td>Education Administration</td>
<td></td>
</tr>
<tr>
<td>Rosa Sierret Chávez</td>
<td>Administration &amp; Supervision</td>
<td>Education Administration</td>
<td></td>
</tr>
<tr>
<td>Rubén Cobos</td>
<td>Administration &amp; Supervision</td>
<td>Education Administration</td>
<td></td>
</tr>
<tr>
<td>Vincent J. Cortney</td>
<td>Administration &amp; Supervision</td>
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<tr>
<td>Catherine Lee Crews</td>
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<tr>
<td>Maude Davis Crono</td>
<td>Administration &amp; Supervision</td>
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<tr>
<td>Arthur Cadenus Davis</td>
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<tr>
<td>William Edward Dwyer</td>
<td>Administration &amp; Supervision</td>
<td>Education Administration</td>
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<tr>
<td>B. Clarence Evans</td>
<td>Administration &amp; Supervision</td>
<td>Education Administration</td>
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<tr>
<td>George A. Frederick</td>
<td>Administration &amp; Supervision</td>
<td>Education Administration</td>
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<tr>
<td>Paul Frederick</td>
<td>Administration &amp; Supervision</td>
<td>Education Administration</td>
<td></td>
</tr>
<tr>
<td>Sister Florita French</td>
<td>Administration &amp; Supervision</td>
<td>Education Administration</td>
<td></td>
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<tr>
<td>Sister Mary Martin Gleeson</td>
<td>Administration &amp; Supervision</td>
<td>Education Administration</td>
<td></td>
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<tr>
<td>John Robert Grove</td>
<td>Administration &amp; Supervision</td>
<td>Education Administration</td>
<td></td>
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</tbody>
</table>
Gladys Hunter
Wesley Robert Hurt, Jr.
Horace William Johnson, Jr.
Robert Clark Kendrick
Charles Henry Lange, Jr.
Elizabeth March Lange
Arnold A. Lankow
John LaVar Lines
Ross G. Lockhart
Ray J. Lofton
John Harold McAnulty
Mary C. McAuliffe
Sister Alice Joseph McCauley
Sister Maura McDonald, O. P.
Mary J. Masters
Pauline L. Morrill
Douglas Osborne
Joe Louis Otero
R. Archie Perkins
Hazel Hill Petty
Mildred L. Pierce
William Robert Pyle
Willie Riley
Faye Shockley
George C. Storz
Travis Stovall
Mary Margaret Taylor
David Tejada
Hazel Vineyard
Joan Paul Weeden
Charles H. Weld
Frederick William Wiebers

Education
Sociology
American History
Education
Anthropology
Anthropology
School Administration
History
Education Administration
School Administration
Education Administration
Spanish
Mathematics
School Administration
History
Art Education
Anthropology
High School Administration
Economics
Education
Psychology
School Administration
History
Spanish
Spanish
Education Administration
Spanish
Spanish
English
English
Education Administration
Education

Master of Science

Thomas Carmen Capraro
Thomas Charles Fuller
Charles Everett Jackson
Carl James King
Lora Shields Mangum
Gladys T. Nisbet
Jane Elizabeth Norris
Birdie Lee Bryan West
Anchard Zeller

Zoology
Botany
Biology
Biology
Biology
Biology
Botany
Botany
Education
Psychology

Doctor of Laws

Douglas Wilson Johnson

GENERAL COLLEGE DIPLOMAS (Two-Year Course)

Earle Boule
Ted Denton
George Hammond
Clark Hanna
Nevi L. McGlamery

Bernice Marchant
Virginia Ryniec
Judy Sikes
Arella Clayton Thomas
Doyle D. Watkins
ENROLLMENT STATISTICS

Classification of Students

Classification of students in the various colleges is based upon the following standards of credit hours:

<table>
<thead>
<tr>
<th>Class</th>
<th>College of Arts &amp; Sciences</th>
<th>College of Education</th>
<th>College of Engineering</th>
<th>College of Fine Arts</th>
<th>General College</th>
</tr>
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<tbody>
<tr>
<td>Freshman</td>
<td>0-28</td>
<td>0-28</td>
<td>0-32</td>
<td>0-32</td>
<td>0-28</td>
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<tr>
<td>Sophomore</td>
<td>29-60</td>
<td>29-60</td>
<td>33-65</td>
<td>33-65</td>
<td>29-64</td>
</tr>
<tr>
<td>Junior</td>
<td>61-94</td>
<td>61-94</td>
<td>66-102</td>
<td>66-102</td>
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<tr>
<td>Senior</td>
<td>95-</td>
<td>95-</td>
<td>103-</td>
<td>103-</td>
<td></td>
</tr>
</tbody>
</table>

Special students are persons of 21 years of age who have not fulfilled the admission requirements.

Unclassified students are students who are on leave of absence from other institutions or whose status in the University has not been determined.

The Extension Division includes students enrolled for correspondence work and for non-residence classes.

TABLE A. GEOGRAPHICAL DISTRIBUTION OF STUDENTS

<table>
<thead>
<tr>
<th>Other States</th>
<th>1942 S. S.</th>
<th>1942-43</th>
<th>Other States</th>
<th>1942 S. S.</th>
<th>1942-43</th>
</tr>
</thead>
<tbody>
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<td></td>
<td>Men</td>
<td>Women</td>
<td>Total</td>
<td>Men</td>
<td>Women</td>
</tr>
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<td>Alabama</td>
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<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Arizona</td>
<td>0</td>
<td>5</td>
<td>5</td>
<td>2</td>
<td>2</td>
</tr>
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<td>Arkansas</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>2</td>
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<tr>
<td>California</td>
<td>3</td>
<td>6</td>
<td>9</td>
<td>26</td>
<td>12</td>
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<tr>
<td>Colorado</td>
<td>2</td>
<td>6</td>
<td>8</td>
<td>11</td>
<td>9</td>
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<tr>
<td>Connecticut</td>
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<td>Dist. of Col.</td>
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<td>0</td>
<td>0</td>
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<tr>
<td>Florida</td>
<td>1</td>
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<td>1</td>
<td>1</td>
<td>0</td>
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<tr>
<td>Georgia</td>
<td>1</td>
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<td>2</td>
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<tr>
<td>Idaho</td>
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<td>4</td>
<td>4</td>
<td>2</td>
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<td>Kansas</td>
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<td>7</td>
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<td>Louisiana</td>
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<tr>
<td>Massachusetts</td>
<td>0</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>4</td>
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<tr>
<td>Michigan</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Minnesota</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Total from Other States</td>
<td>33</td>
<td>91</td>
<td>124</td>
<td>175</td>
<td>96</td>
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Foreign Countries:

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<tr>
<th>Country</th>
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<th>1942-43</th>
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</thead>
<tbody>
<tr>
<td>China</td>
<td>0</td>
<td>1</td>
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<tr>
<td>Cuba</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Hawaii</td>
<td>0</td>
<td>0</td>
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<td>Japan</td>
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<td>0</td>
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<tr>
<td>Mexico</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Nicaragua</td>
<td>0</td>
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<tr>
<td>Total from Foreign Countries</td>
<td>0</td>
<td>1</td>
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</table>

[149]
### TABLE B. GEOGRAPHICAL DISTRIBUTION OF STUDENTS

<table>
<thead>
<tr>
<th>New Mexico Counties</th>
<th>1942 S.S.</th>
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<th>1942 S.S.</th>
<th>1942-43</th>
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<tbody>
<tr>
<td></td>
<td>Men</td>
<td>Women</td>
<td>Total</td>
<td>Men</td>
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<tr>
<td>Bernalillo</td>
<td>99</td>
<td>245</td>
<td>344</td>
<td>337</td>
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<td>Catron</td>
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<td>6</td>
<td>1</td>
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<td>Chaves</td>
<td>2</td>
<td>3</td>
<td>5</td>
<td>10</td>
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<tr>
<td>Colfax</td>
<td>6</td>
<td>5</td>
<td>11</td>
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<td>2</td>
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<td>6</td>
<td>13</td>
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<td>DeBaca</td>
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<td>0</td>
<td>0</td>
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<tr>
<td>Dona Ana</td>
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<td>4</td>
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<tr>
<td>Eddy</td>
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<td>7</td>
<td>9</td>
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<td>Grant</td>
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<td>Guadalupe</td>
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<tr>
<td>Harding</td>
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<td>4</td>
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<td>Hidalgo</td>
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<tr>
<td>Lea</td>
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<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Lincoln</td>
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<td>4</td>
<td>5</td>
<td>3</td>
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<td>Luna</td>
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<tr>
<td>McKinley</td>
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<td>1</td>
<td>2</td>
<td>15</td>
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</tbody>
</table>

Total from New Mexico Counties: 160 404 564 562 511 1,073

Totals—Tables A and B: 193 496 689 739 611 1,350

### ENROLLMENT SUMMARY

<table>
<thead>
<tr>
<th></th>
<th>Men</th>
<th>Women</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester I, 1942-43</td>
<td>691</td>
<td>514</td>
<td>1,205</td>
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<tr>
<td>Semester II, 1942-43</td>
<td>497</td>
<td>489</td>
<td>986</td>
</tr>
<tr>
<td>Total Semesters I &amp; II</td>
<td>1,188</td>
<td>1,003</td>
<td>2,191</td>
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<tr>
<td>Less Persons Enrolled Both Semesters</td>
<td>449</td>
<td>392</td>
<td>986</td>
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<td>Total Different Persons, Sem. I &amp; II</td>
<td>739</td>
<td>611</td>
<td>1,350</td>
</tr>
<tr>
<td>1942 Summer Session</td>
<td>193</td>
<td>496</td>
<td>689</td>
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<tr>
<td>1942 Anthropology General Field Session</td>
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<td>10</td>
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<tr>
<td>1942 Art Schools</td>
<td>4</td>
<td>22</td>
<td>26</td>
</tr>
<tr>
<td>Extension Division March 1, 1942, to February 28, 1943:</td>
<td></td>
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</tr>
<tr>
<td>Correspondence Courses</td>
<td>64</td>
<td>85</td>
<td>149</td>
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<tr>
<td>Non-resident Classes</td>
<td>13</td>
<td>121</td>
<td>134</td>
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<tr>
<td>Total</td>
<td>1,017</td>
<td>1,345</td>
<td>2,362</td>
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<tr>
<td>Less Duplicates</td>
<td>107</td>
<td>167</td>
<td>274</td>
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<tr>
<td>Total Different Persons Registered in All Sessions</td>
<td>910</td>
<td>1,178</td>
<td>2,088</td>
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INDEX

Absences, 38, 39
Accounting see Economics and Business Administration
Accreditation of the University, 21
Activities, see Student Organizations, and Teachers
Administration and Supervision, see Educational Administration
Admission, general regulations, 25; general college, 137; of Freshmen, 25; of Specials, 28; of Auditors, 28; to Secretary-Interpreters course, 60; to Post-Graduate course in Inter-American Relations, 63
Advanced standing, admission with, 27; examinations for, 31, 38
Aeronautical engineering, 96, 100; laboratory, 98
Aid, student, 42
Aim of the University, 21
Alumni organization, 48
Alumnus magazine, 48
Anthropology, department of, 65; field sessions, 18, 141; museum of, 28
Application for admission, 25, 27 (blank application at back of catalog)
Application for degree, 29, 39
Archaeology, see Anthropology
Architectural engineering, 96
Architecture, department of, 129; curriculum preparatory to, 127
Art, department of, 129; critic artists, 18; curriculum, 125; elementary curriculum in, 115; field sessions, 8, 18, 129, 141; supervisors, curriculum for, 116; General College Course, 138
Art Education, 115
Arts and Sciences, College of, 49; admission to, 25; classification of students in, 149; degrees conferred, 1942, 1944; departments of instruction, 65; Inter-American Affairs, 54
Assemblies, University, 39
Associated students, see Student organizations
Athletic coaching, curriculum in, 112
Athletic Conference, Border Intercollegiate, 46
Athletics, student, 48; Intercollegiate, 48
Attendance, assembly, 39; class, 38; Freshman Program, 26
Auditors, 28
Awards, 42-46
Bachelor's degree, see Degrees
Band, 123

Biology department of, 68; field sessions, 141
Board and room, 33
Border Intercollegiate Athletic Conference, 48
Botany, see Biology
Breakage deposit, 31, 32
Buildings, 22
Business, courses, 74; General College, 138; I.A.A., 60
Business administration, 71, 72
Calendar, 3, 4
Campus and buildings, 22
Certificate, admission by, 25
Certification of teachers, 28, 105, 128
Change in address, 29
Change in college, 29
Change in grade, 35
Change in major or minor, 29
Change in program of studies, 3, 4, 29, 31
Change in registration, 29
Chemistry, department of, 70; engineering, 101
Churches, 48
Civil Engineering, department of, 102; curriculum in, 99; laboratory, 96
Class hours, 35
Classics, see Greek and Latin
Classification of courses, 64
Classification of students, 149
College, change in, 29
Colleges of the University, see Arts and Sciences, Education, Engineering, Fine Arts, General College, Graduate School
Commencement, 40; excuse from, 40
Commercial work, curriculum, 116; General College, 140
Correspondence courses, see Extension Division
Course marking and numbering system, 64
Courses offered, 65, 102, 117, 129; classification of, 64
Courses, required for degrees, 39
Courses of study, 30
Credentials, 25
Credit hours, see Semester hours
Curricula, special in Arts and Sciences, 52; in Education, 110; in Engineering, 99; in Fine Arts, 125; in General College, 138; in Inter-American Affairs, 56
Dates of opening, 3, 4
Degree courses, 30
Degree requirements, 39, 49, 56, 98, 108, 126
Degrees: conferred, 1942, 144; offered, 39, 49, 55, 71, 72, 96, 108, 125; with distinction, 40; with honors, 40; see also Requirements, degrees

Departments of instruction, 65, 102, 117, 129

Dietetics, 49, 121

Dining hall, 33; rates, 34

Diplomas, fees, 32; General College, 138, 148

Dismissal, honorable, 36

Distinction, degree with, 40

Dividends and penalties, 39

Doctor of Philosophy, 141

Dormitories, see Residential halls

Dramatic Art, Department of, 131; curriculum in, 126

Economics and Business Administration, department of, 71; degree of B.B.A., 72

Education, College of, 105; admission to, 25, 106; classification of students in, 149; degrees conferred, 1942, 146; departments of instruction, 116; scholarship regulations, 107

Education, departments of, 117; laboratories of, 107

Educational Administration, department of, 120; curriculum in, 115

Educational Psychology, department of, 120

Electives, in Arts and Sciences, 51; in Inter-American Affairs, 58

Electrical Engineering, department of, 103; curriculum in, 99; laboratory of, 97

Elementary Education, department of, 118; curriculum in, 111; laboratory of, 107; recommended majors and minors, 109

Employment, student, 42

Engineering chemistry, 101

Engineering, College of, 96; admission to, 25; classification of students in, 149; combined curriculum in A & S, 52, 64; degrees conferred, 1942, 145; departments of instruction, 101

Engineering, departments of, 102; laboratories of, 96

Engineering, petroleum, curriculum, 100

English, department of, 74; group requirements in, 50, 110; placement test, 74; proficiency examination, 50; recommended for admission, 26

Enrollment, see Registration

Enrollment statistics, 149

Entrance, see Admission

Entrance examinations, 3, 26, 28, 37

Examinations, 57; advanced standing, 38; entrance, 3, 26, 28, 37; fees, 31; medical, 30; semester, dates of, 3, 4; special, 31, 37

Exhibitions, 23

Expenses, 31-34; estimate of, 53

Extension courses, 30, 40, 141; addition of, 30; undergraduate work in, 40

Extension Division, the, 141

Extra-curricular activities, see Student organizations, and Teachers

Faculty, directories, 9. See also Departments of Instruction

Fees, 31-34

Fellows, graduate, 19

Field sessions, 3, 18, 129, 141

Financial support of the University, 22

Fine Arts, College of, 125; admission to, 25; classification of students in, 149; degrees conferred, 1942, 147; departments of instruction, 128; gallery, 24

Folklore, see Modern Languages

Foreign language, group requirements in, 50, 110; substitution for, 110

Forestry, 52

Fraternities, honorary, 47; national social, 48

French, see Modern Languages

Freshmen, admission of, 25; course of study, 52, 99, 110, 125, 133

Freshman program, 25, 26

Freshman tests, 3, 25, 26

Gallery, Fine Arts, 24

Gasoline Tax Division laboratory, staff, 8

General College, 137; admission to, 25; classification of students in, 149; courses in, 64, 102, 117, 128; diplomas awarded, 1942, 148; scholarship and transfer regulations, 137

Geology, department of, 78; museum of, 24

German, see Modern Languages

Geography, 77

Government and Citizenship, department of, 80

Government of the University, 22

Grade-points, 35

Grade reports, 36

Grades, 29, 35; change in, 35

Graduate School, 59, 141; admission to, 25; course numbering in, 64; degrees conferred, 1942, 147; diploma fee, 32; fellows, list of, 19; publication fee, 32

Graduation, 39, 40; diploma fees, 32; requirements, 39, 49, 55, 65, 28, 108, 125; with distinction, 40; with honors, 40. See also Degrees

Graduation exercises, 40

Greek and Latin, department of, 82

Group requirements, 50, 109. See also Departments of Instruction

Health, division of, 122

Health, State Laboratory, staff of, 8

Health service, fee for, 31, 32; medical ex-
aminations, 30; staff, 8
High school teachers curriculum, see Secondary Education
High Schools, admission from, 25; State-wide test, 42; subjects recommended, 26; units, 25
History, department of, 83
History of the University, 21
Home Economics, department of, 121; curricula, 114, 139
Homemaking, General College Course, 139
Honor societies, 47
Honorable dismissal, 36
Honorary degrees conferred, 1942, 148
Honors, graduation with, 40
Honors, work, 48, 65
Incomplete, grade of, 3, 4, 31, 35
Index, scholarship, 36
Indian Art Field School, 3, 129, 141
Inter-American Affairs, School of, 22, 54, 84; degrees in, 55; scholarships, 55
Intercollegiate athletics, 48
Intramural athletics, 48
Italian, see Modern Languages
Journalism, 52, 75, 76
Laboratories, 96, 107
Languages, see Greek and Latin, Modern Languages
Late Registration, 3, 4, 29, 31
Latin, see Greek and Latin
Latin-American, see Inter-American
Latin American Scholarships, 55
Law, see Pre-law
Library, 22; staff, 7
Library Science, department of, 85
Loan funds, 42
Lobo, 48
Lobo Sun Line, 48
Location of the University, 21
Lower division, 49; course numbering in, 64
Major and minor studies, 51, 108; changes in, 29; residence requirements in, 40.
See also Departments of Instruction
Marking system, 35
Master classes, music, 136
Master's degree, 59, 141; conferred, 1942, 147
Mathematics, department of, 85; group requirements in, 51, 110; admission requirements in, 25, 85
Matriculation fee, 31
Maximum number of hours, 51, 106
Mechanical Engineering, department of, 104; curriculum in, 100; laboratory of, 98
Medical examinations, 30; late fee, 31
Medical technology, 53
Medicine, see Pre-medicine
Meteorology, 91. See also Premeteorology
Mexico, National University of, of exchange with, 46
Military training, 48; see also N.R.O.T.C.
Minor studies, see Major and minor studies
Mirage, 48
Modern Languages and Literatures, department of, 87
Murals, 24
Museums, 23
Music, department of, 122; General College course, 139; instruction fees, 32; curricula in, 114, 126, 139; scholarships, 135
Music education, 114
National University of Mexico, exchange with, 46
National Youth Administration, aid to students, 42
Naval R.O.T.C., 22, 48, 141. See also Naval Science
Naval Science and Tactics, 48, 141; department of, 141
New Mexico Statewide Test of Academic Achievement, 42
Non-resident tuition, 31, 32
Normal program of studies, 51, 106
Numbering of courses, 64
Nutrition Laboratory, 56
Officers of Administration, 6
Orchestra, 133
Organizations, student, 47
Orientation courses, 39, 65
Painting and design, 125, 129
Penalties and dividends, 39
Petroleum engineering, 100; laboratory, 98
Ph.D., 141
Photography, 130
Physical Education, department of, 122; curricula in, 112; exemption from, 34, 122; fees, 32, 123; required, 34, 49, 99, 109, 122, 125, 138
Physical examinations, see Medical examinations
Physics, department of, 91
Placement bureau, 107
Placement tests, 25, 87
Political Science, see Government and Citizenship
Portuguese, see Modern Languages
Post-Graduate Course in Inter-American Relations, 62
Practice teaching, 106
Pre-architecture, 127
Pre-journalism, 52
<table>
<thead>
<tr>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pre-law</strong>, 52, 53</td>
</tr>
<tr>
<td><strong>Pre-medicine</strong>, 52, 53</td>
</tr>
<tr>
<td>Premeteorology training program, 22, 142: courses, 142</td>
</tr>
<tr>
<td>Prizes and awards, 42</td>
</tr>
<tr>
<td>Probation, 37, 107, 137</td>
</tr>
<tr>
<td>Professional and vocational schools, relation to Arts and Sciences,</td>
</tr>
<tr>
<td>49, 52</td>
</tr>
<tr>
<td>Program of studies, 51, 99, 110, 125, 138; change in, 29, 31; fee</td>
</tr>
<tr>
<td>for change, 31</td>
</tr>
<tr>
<td>Psychology, department of, 92; Educational, department of, 120</td>
</tr>
<tr>
<td>Public administration, 53</td>
</tr>
<tr>
<td>Public speaking, see English</td>
</tr>
<tr>
<td>Publications, 48</td>
</tr>
<tr>
<td>Radio, see Electrical Engineering</td>
</tr>
<tr>
<td>Recreational leadership, curriculum in, 139</td>
</tr>
<tr>
<td>Re-enrollment, 28</td>
</tr>
<tr>
<td>Refunds, 33, 34</td>
</tr>
<tr>
<td>Regents of the University, 5, 22</td>
</tr>
<tr>
<td>Registration, 28; dates, 3, 4; fees, 31; late registration, 29, 31</td>
</tr>
<tr>
<td>Regulations, attendance, 26, 38, 39; room, 33; dining hall, 33; ge</td>
</tr>
<tr>
<td>neral academic, 35; scholarship, 37, 107, 137</td>
</tr>
<tr>
<td>Religious activities, 48</td>
</tr>
<tr>
<td>Reports, grade, 36</td>
</tr>
<tr>
<td>Requirements, admission, 25; degree, 39, 49, 56, 98, 105, 123; gr</td>
</tr>
<tr>
<td>oup, 50, 109; residence, 39; specific course, 39</td>
</tr>
<tr>
<td>Residence requirements, 39; in major and minor studies, 40</td>
</tr>
<tr>
<td>Resident tuition, 31</td>
</tr>
<tr>
<td>Residential halls, 33; guests, 34; refunds, 34</td>
</tr>
<tr>
<td>Returning students, 28</td>
</tr>
<tr>
<td>Rhodes scholarships, 48</td>
</tr>
<tr>
<td>Romance languages, see Modern languages</td>
</tr>
<tr>
<td>Room and board, 33</td>
</tr>
<tr>
<td>Room regulations, 33</td>
</tr>
<tr>
<td>Room reservation, 33</td>
</tr>
<tr>
<td>R. O. T. C., see N.R.O.T.C.</td>
</tr>
<tr>
<td>Sanitation curriculum, 140</td>
</tr>
<tr>
<td>Scholarship, index, 36; regulations, 37, 107, 137</td>
</tr>
<tr>
<td>Scholarships, 42; in School of Inter-American Affairs, 55; in mu</td>
</tr>
<tr>
<td>sic, 136</td>
</tr>
<tr>
<td>Scholastic status, 36</td>
</tr>
<tr>
<td>School administrators and supervisors, 109, 115</td>
</tr>
<tr>
<td>School of Inter-American Affairs, see Inter-American Affairs</td>
</tr>
<tr>
<td>Science, group requirements in, 51, 110</td>
</tr>
<tr>
<td>Science, major in, 108</td>
</tr>
<tr>
<td>Secondary Education, department of, 119; curriculum in, 111; labor</td>
</tr>
<tr>
<td>atory of, 107; recommended majors and minors, 108</td>
</tr>
<tr>
<td>Secretarial course, 60; curriculum, 138</td>
</tr>
<tr>
<td>Secretary-Interpreters Course, 60</td>
</tr>
<tr>
<td>Semester hours, 35</td>
</tr>
<tr>
<td>Senior residence requirements, 39</td>
</tr>
<tr>
<td>Situation of the University, 21</td>
</tr>
<tr>
<td>Social sciences, group requirements in, 50, 119; major in, 108, 10</td>
</tr>
<tr>
<td>Social studies, see Social sciences</td>
</tr>
<tr>
<td>Social work, 54</td>
</tr>
<tr>
<td>Societies, honor, 47</td>
</tr>
<tr>
<td>Sociology, department of, 94</td>
</tr>
<tr>
<td>Sophomore honors course, 65</td>
</tr>
<tr>
<td>Sororities, national social, 48</td>
</tr>
<tr>
<td>Spanish, see Modern Languages</td>
</tr>
<tr>
<td>Special curricula, see Curricula</td>
</tr>
<tr>
<td>Special examinations, 37; fees for, 31</td>
</tr>
<tr>
<td>Special students, 28</td>
</tr>
<tr>
<td>Speech, see Dramatic Art, English</td>
</tr>
<tr>
<td>State Agencies situated on the campus, 8</td>
</tr>
<tr>
<td>State Highway Department laboratory, staff, 8</td>
</tr>
<tr>
<td>State Public Health Laboratory, staff, 8</td>
</tr>
<tr>
<td>Statistics, enrollment, 149</td>
</tr>
<tr>
<td>Student activities, see Student organizations</td>
</tr>
<tr>
<td>Student activities fee, 31, 32</td>
</tr>
<tr>
<td>Student assistants, list of, 20</td>
</tr>
<tr>
<td>Student bond fee, 31</td>
</tr>
<tr>
<td>Student Council, 47</td>
</tr>
<tr>
<td>Student employment, 42</td>
</tr>
<tr>
<td>Student loans, 42</td>
</tr>
<tr>
<td>Student organizations and activities, 47</td>
</tr>
<tr>
<td>Student publications, 48</td>
</tr>
<tr>
<td>Student Senate, 47</td>
</tr>
<tr>
<td>Summer Session, 3, 17, 141</td>
</tr>
<tr>
<td>Support of the University, 22</td>
</tr>
<tr>
<td>Suspension, 37, 107, 137</td>
</tr>
<tr>
<td>Taos, School of Art, 18, 129, 141</td>
</tr>
<tr>
<td>Teachers, certification of, 28, 105, 128; extra-curricular activ</td>
</tr>
<tr>
<td>ities for, 106; placement bureau, 107; standards, 105</td>
</tr>
<tr>
<td>Tests for freshmen, 3, 25, 26</td>
</tr>
<tr>
<td>Thesis, binding fee, 32</td>
</tr>
<tr>
<td>Transcripts, 31, 36</td>
</tr>
<tr>
<td>Transfer from General College, 138</td>
</tr>
<tr>
<td>Transferring students, 27</td>
</tr>
<tr>
<td>Tuition, 31</td>
</tr>
<tr>
<td>Unclassified students, 28</td>
</tr>
<tr>
<td>Unit, high school, 25</td>
</tr>
<tr>
<td>Upper division, 50; course numbering in, 64</td>
</tr>
<tr>
<td>Visiting instructors, 17</td>
</tr>
<tr>
<td>Vocational courses, see General College</td>
</tr>
<tr>
<td>Withdrawal, from the University, 29, 32</td>
</tr>
<tr>
<td>Zoology, see Biology</td>
</tr>
</tbody>
</table>
THE UNIVERSITY OF NEW MEXICO
APPLICATION FOR ADMISSION

(This form is to be mailed to the registrar, University of New Mexico, Albuquerque, New Mexico

No Application Will Be Acted Upon Until All Necessary Transcripts Are Received.

Name ________________________________________ (Check) __ Miss ______ Mrs. ______
(First) (Middle) (Last)

Permanent Address ____________________________________________________________

Present Address if Different from Permanent Address ________________________________

Age ______ Date of Birth ______ Race ______ Married? ______

Of What Country Are You a Citizen? _____________________________________________

Underline the college you expect to enter:
Arts and Sciences, Education, Engineering, Fine Arts, General College (two-year), Graduate School

Underline the session for which you expect to enroll: Semester I, Semester II, Semester III, Summer, Field Session in ________________________________

From what high school were you graduated? ______________________________________

Location (City and State?) ___________________________________ When? ______________

Have you previously enrolled in the University of New Mexico? __________________

When? ______________ Residence, extension, or correspondence? ______________

List all other colleges or universities attended, and dates of attendance: ____________________________
(Indicate extension or correspondence enrollment also.)

(Failure to comply fully with this request will be considered a serious breach of honor.)

______________________________________________________________
______________________________________________________________

Of what college or university are you a graduate? ____________________________

What degree? ____________________________ When conferred? __________________

Are you eligible to return to the institution last attended if you desire to do so? __________ Do you plan to work toward a degree at the University of New Mexico? __________ Are you having official transcripts sent to us from all institutions attended? ________________________________

Parent's name and permanent address __________________________________________

or Guardian's name and permanent address _________________________________________

Of what city and state are you a resident? ______________________________________

If a resident of New Mexico, give dates of residence: _____________________________

I certify that the above information is correct. Dated: ____________________________

Signed: ____________________________

(Applicant's usual signature)